

# Leviton Security & Automation Solutions

2013/2014 Catalog

# Security | Energy Management | Entertainment









# Leviton Security & Automation 2013/2014 Catalog

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President



During our 28th year in operation, I would like to thank you for your continued business and support. As planned, we have become the Security & Automation business unit of the Leviton Manufacturing Company.

The Security & Automation business unit will continue to be based in New Orleans, Louisiana and offer security and energy management automation controllers with wireless sensors, access control, video surveillance, HVAC controls, lighting controls, Audio/Video controls, Smart Grid products and more. All controllers and many individual components are accessible using a smartphone or tablet.

We will use the HAI brand in residential dealer programs where it is widely recognized. Our products will begin using the Leviton brand. The Security and Automation designator reflects our core strengths, and our commitment to providing these products and technologies to you. In this catalog, you will see the synergies and breadth of products that we now offer as Leviton.

We are proud to be part of Leviton, and thankful to all of you who have worked with us to grow the Security and Automation business. We're not closing any books, we're just moving on to the next chapter! With Leviton's support and considerable product portfolio, we look forward to bringing you impressive innovations in the coming months and years and growing our businesses together.

Sincerely,

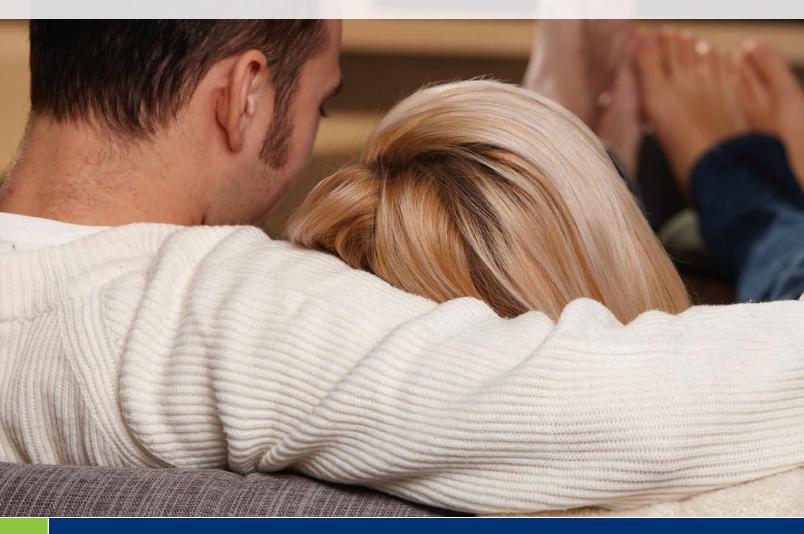
Jay McLellan

President, Leviton Security & Automation

Jehnfella



# Welcome to Leviton Security & Automation



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Leviton Security & Automation brings decades of automation and control knowledge to provide the proper solution for homes or commercial buildings. The comprehensive integrated product line means there is a system for every budget. Each year, Leviton Security & Automation garners more recognition for developing and implementing innovative solutions.



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09 Commercial Diagram



Leviton Security & Automation, a business unit of Leviton Manufacturing Co. Inc, is located in New Orleans, Louisiana, USA.

#### Leading with reliable solutions for security, energy management, and entertainment.

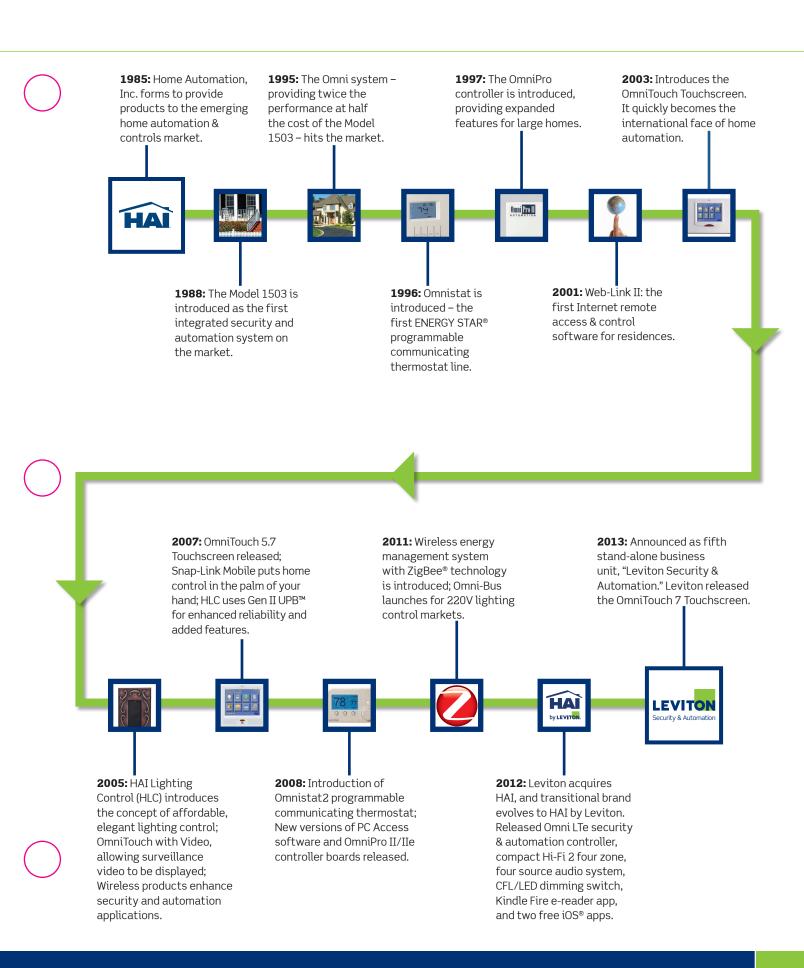
Combining over 100 years of electrical manufacturing experience with over 25 years of security and automation knowledge, Leviton Security & Automation offers comprehensive and reliable solutions. In 2012, HAI was acquired by Leviton, with the transitional name, "HAI by Leviton" applied. Mid 2013, "Leviton Security & Automation" was formalized.





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# Welcome to Leviton Security & Automation



# **Common automation questions and answers**

# What are the benefits of an automated home or business?

Automation coordinates security, temperatures, lighting, and audio/video automatically for safety, energy savings, and convenience. Automatically dimming lights and changing heating and cooling setpoints while away can greatly reduce energy costs. Remote access lets the user view security video, dim lights, or lower temperatures via a laptop or mobile device.

Leviton Security & Automation products will make the property more energy efficient. If used properly, the system can practically pay for itself in energy savings, while increasing the resale value.

# Is the system easy to understand and operate?

Yes. Easy-to-recognize icons allow manual control from familiar devices. Children can even learn and understand how to use basic features of the system. Day-to-day events are controlled with one button, such as Day, Night, Vacation, or Away. More specific activities are menu driven to change temperature, lights, audio and more. Don't forget, many home or business functions are automated based on schedule or any common event.

# Can it be controlled over the Internet or telephone?

Yes. All Leviton Security & Automation systems can be monitored and controlled over the Internet or phone either inside or outside. Check and adjust lights, temperature, security, audio, and more from a tablet or smartphone with zero monthly fees.

#### Can the system expand easily?

Yes. You can add
Touchscreens with pool, spa,
or irrigation controls, window
treatments, remotes, multiroom audio systems, home
theater controls, access
control, video surveillance,
and more. Leviton Security
& Automation has partnered



with many other companies in related industries so you can expand and customize the automation system now, or at any time in the future.

## Is the system affordable?

Yes. Leviton offers a security & automation system for every lifestyle. Price depends on the size of the home or business and options that are desired.

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# Leviton provides global automation solutions

#### **Leviton Security & Automation** multi-language support

Our security & automation control systems, programming software, and interfaces are available in a wide variety of world languages to suit international as well as domestic markets.

Leviton aims to make an automation system comfortable and familiar for every user and has security & automation systems available in several languages. For instance, the iOS® app for iPhone®, iPad®, and iPod® Touch® is available in seventeen different languages: Arabic, Catalan, Chinese (Simplified and Traditional), Croatian, Dutch, English, French, German, Greek, Hebrew, Italian, Portuguese, Russian, Spanish (European and Latin American), and Turkish.



Above: Leviton Security & Automation's iOS® app in Italian

Leviton has global sales offices and a team of knowledgeable sales managers and representatives to serve your market. Leviton conducts international trainings and invites you to our hands-on New Orleans factory training available in Spanish or English.

#### **International market support**

Leviton Security & Automation makes available a multitude of foreign language marketing documents including manuals, case histories and specification sheets.



As part of our continuing endeavor to support international markets, the KNX® Gateway allows Ethernet-enabled Omni and Lumina controllers to communicate with and control KNX® devices installed on the network, including lights, shades, shutters, pumps, and more. Utilize Omni-Bus for lighting control or tie in to DALI systems.



The International Omni Console features language neutral symbols to serve a full range of markets.



## Welcome to Leviton Security & Automation

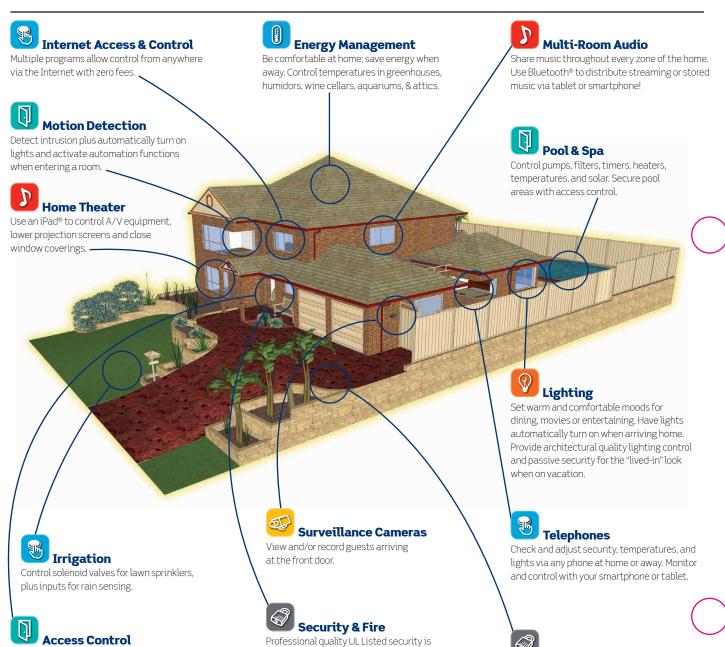


Limit admission to designated areas. When a card or key tag is swiped, security arms or

disarms and door strikes are activated.

#### **Total Home Control from a Single Interface**

Enjoy the one-touch control of security, temperature, lighting, audio, and other home control functions, including draperies or irrigation, via easy to recognize icons.



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built-in to Omni family controllers. If desired,

Lumina family controllers can integrate with

an existing security system.

**Vehicle Detection** 

audio zones or pumps/fountains.

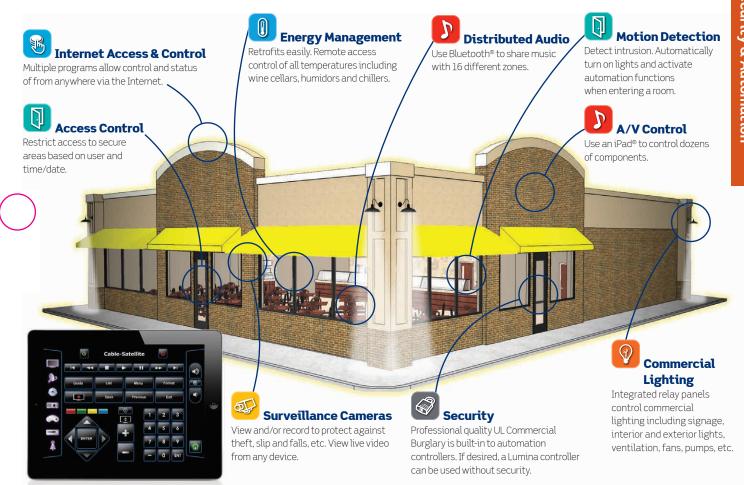
Announce visitors, turn on lights, and activate





#### **Comprehensive Control Over All Commercial Buildings**

Maximize energy savings and safety by integrating security, energy management and entertainment devices. Automate based upon schedules and activities. Remote access to the entire facility from a smartphone or tablet.



"I have found Leviton Security & Automation dependable both commercially and residentially... when you find a product that makes you look brilliant and works simply enough for your customer to use it right out of the gate - install it."

Conley Secure Innovations, Lakeland, Florida USA



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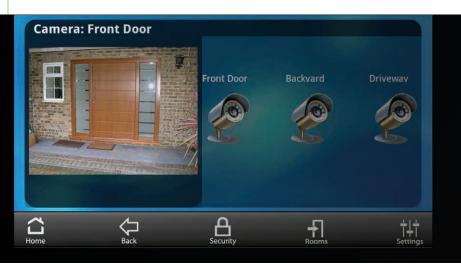


Leviton Security & Automation offers a complete suite of products for safety and security. Whether checking an event log from a smartphone, watching video surveillance on an iPad®, or restricting access to a secure area, Leviton Security & Automation has you covered.



14	OmniPro II Control Systems
14	Omni Ile Control Systems
14	Omni LTe Control Systems
16	Omni Accessories
20	Wireless Security Sensors
22	Video Surveillance
23	Cellular Communication Center
24	Access Control

# Safety & Security





A Leviton Security & Automation Omni control system takes the place of a standard security system. Integrate video surveillance, access control, wireless door locks, and back-up communication devices for a secure property that's accessible from a tablet or smartphone.

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#### **Omni Security & Automation Controllers**

The Omni family of control systems keeps the entire property safe around the clock, coordinating virtually everything for enhanced energy savings, safety, and entertainment. Omni automation systems are dedicated security alarm panels, featuring built-in UL Listed, CP-o1 compliant security and fire systems to detect intrusion, smoke and fire, carbon monoxide, water, vehicles, and other hazards through wired and wireless sensors.

Prevent unauthorized access to sensitive areas or entire buildings by controlling doors and gates. Incorporate backup telephone communications, surveillance cameras, or wireless door locks for enhanced safety. If a built-in security system is not desired, use Leviton's energy-saving Lumina automation system.

#### **Utilize Many Technologies and Protocols**

Omni systems are versatile, controlling small condos with the same quality equipment capable of controlling warehouses that are hundreds of thousands of square feet. The scalable solution means you can add new features whenever you want, using a wide variety of open protocols. The reliable Omni automation controller is the brain of the property, coordinating ZigBee®, Z-Wave®, UPB™, KNX®, DALI, and many more standard home and building automation protocols to enhance energy savings and increase safety.

#### **Automate to Simplify Life**

Based on schedule or event, automate systems including security, access control, HVAC, lighting, irrigation, ventilation, pumps, fountains, window coverings, and more. Leviton automation systems can turn off lights, fans, water heaters, fountains and pool pumps when the property is unoccupied to save money. Push one button at night to turn off lights, turn off AV equipment, close window coverings, lower temperatures, lock doors, etc.

## **Remote Access: Anywhere, Anytime**

Omni automation systems provide remote access, allowing one to view live surveillance footage, unlock a door, view event logs, or activate the alarm at any time from a tablet, smartphone, or PC with zero monthly fees.











# Safety & Security | Omni Automation Systems



#### OmniPro II Controller

20A00-2

The flagship Leviton Security & Automation home automation controller. Includes the OmniPro II controller with enclosure, lock set with two keys, RJ31X cord and jack, manuals. Part 20A00-2 is English language. For other available languages add language code to part number: French (FR) and Latin American Spanish (SPA).



#### OmniPro II Commercial Controller

20A00-5

OmniPro II controller with commercial attack-proof enclosure, lock set with two keys, RJ31X cord and jack, manuals. Available in English.



#### OmniPro II - Board Only

20A00-21

OmniPro II controller board only. Part 20A00-21 is English language. For other available languages, add language code to part number: Arabic (AR), Catalan (CAT), Simplified Chinese (CHS), Traditional Chinese (CHT), French (FR), German (GER), Hebrew (HE), Italian (IT), Portuguese (POR), Russian (RU), Latin American Spanish (SPA), and European Spanish (SPE).



#### OmniPro II Controller for Leviton Structured Media Center 20A00-8

OmniPro II controller on mounting plate for structured wiring enclosures, RJ31X cord and jack, manuals, accessory kit, wiring diagram for enclosure door. Part 20A00-8 is English language. For other available languages add language code to part number: Arabic (AR), Catalan (CAT), Simplified Chinese (CHS), Traditional Chinese (CHT), French (FR), German (GER), Hebrew (HE), Italian (IT), Portuguese (POR), Russian (RU), Latin American Spanish (SPA), and European Spanish (SPE).



#### Omni IIe Controller

20A00-50

Omni Ile controller with enclosure, lock set with two keys, RJ31X cord and jack, manuals. For other available languages, add language code to part number: French (FR) and Latin American Spanish (SPA).



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# Omni IIe Controller for Structured Wiring Enclosures

20A00-52

Omni lle controller on mounting plate for structured wiring enclosures, RJ31X cord and jack, manuals, accessory kit, wiring diagram for enclosure door. Part 20A00-52 is English language. For other available languages add language code to part number: Arabic (AR), Catalan (CAT), Simplified Chinese (CHS), Traditional Chinese (CHT), French (FR), German (GER), Hebrew (HE), Italian (IT), Portuguese (POR), Russian (RU), Latin American Spanish (SPA), and European Spanish (SPE).



#### Omni IIe - Board Only

20A00-53

Omni lle controller board only. Part 20A00-53 is English language. For other available languages add language code to part number: Arabic (AR), Catalan (CAT), Simplified Chinese (CHS), Traditional Chinese (CHT), French (FR), German (GER), Hebrew (HE), Italian (IT), Portuguese (POR), Russian (RU), Latin American Spanish (SPA), and European Spanish (SPE).





20A00-70

Omni LTe controller with enclosure, lock set with two keys, RJ31X cord and jack, manuals. Part number 20A00-70 is English language. For other available languages add language code to part number: French (FR) and Latin American Spanish (SPA).



# Omni LTe Controller for Structured Wiring Enclosures

20A00-72

Omni LTe controller on mounting plate for structured wiring enclosures, lock set with two keys, RJ31X cord and jack, manuals. Part number 20A00-72 is English language. For other available languages add language code to part number: Arabic (AR), Catalan (CAT), Simplified Chinese (CHS), Traditional Chinese (CHT), French (FR), German (GER), Hebrew (HE), Italian (IT), Portuguese (POR), Russian (RU), Latin American Spanish (SPA), and European Spanish (SPE).





#### Omni LTe - Board Only

20A00-73

Omni LTe controller board only. Part 20A00-73 is English language. For other available languages add language code to part number: Arabic (AR), Catalan (CAT), Simplified Chinese (CHS), Traditional Chinese (CHT), French (FR), German (GER), Hebrew (HE), Italian (IT), Portuguese (POR), Russian (RU), Latin American Spanish (SPA), and European Spanish (SPE).



## Safety & Security | Omni Accessories



#### 16 Zone Hardwire Expander

10A06-1

Terminals are provided for 16 additional zones that can be programmed for burglary, fire, temperature or auxiliary inputs (for use with all Leviton Security & Automation home controllers except Omni LTe and Omni LT.)



#### **Expansion Enclosure**

17A00-1

16 Input/16 Output Expansion Board with enclosure, lock set with two keys, accessory kit, instructions. Reduces wiring use in larger installations (for OmniPro II, Lumina Pro). Can be remotely located from controller. Provides additional battery-backed power for security and temperature sensors.



#### 16 Zone/16 Output Expansion

17A00-9

16 Zone Input/16 Output Expansion Board on a universal mounting plate with accessory kit, instructions for installation in structured wiring enclosures (for OmniPro II, Lumina Pro). Can be remotely located from controller. Provides additional battery-backed power for security and temperature sensors.



#### **Expansion Board Only**

17A00-8

16 Input/16 Output Expansion Board only (for OmniPro II, Lumina Pro). Can be remotely located from controller. Provides additional battery-backed power for security and temperature sensors.



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Omni Console 33A00-1

Omni Console with Built-in Speaker/Microphone 33A00-4

International Market Omni Console 33A00-23

International Market Omni Console with Built-in Speaker/Microphone

33A00-24

Cool blue LCD surface mount console, connector kit, instructions. Controls security, lighting, temperatures, buttons, events, setup and other functions. International versions feature easy to understand symbols rather than text. Parts 33A00-4 and -24 require the Two-Way Voice Module (Leviton Security & Automation part #10A11-1). See special wiring instructions in wiring section.





33A00-3

White flush mount back box for use with 33A00-1, 33A00-4, 33A00-19, 33A00-20, 33A00-23, 33A00-24, 33A00-25, and 33A00-26 consoles and keypads (not included). Includes mounting bracket, instructions.



## Surface Speaker Microphone Flush Speaker Microphone

28A00-1

28A00-2

A speaker and microphone assembly that allows two-way communication with a central station after an alarm, paging and listening from an on-premises or remote phone, annunciation of alarm and zone by voice, and voice messaging when connected to a Two-Way Voice Module (Leviton Security & Automation part #10A11-1). Includes speaker and microphone, surface mount enclosure, instructions.



#### Two-Way Voice Module

10A11-1

Talk or listen through the telephone interface either locally or remotely. Have your system announce messages based on events in the house. For example, "guest at door" or "back door open". Includes two-way voice board, mounting material, and instructions. Use with the 33Aoo-4 or 33Aoo-24 consoles, 33Aoo-20 keypad, 28Aoo-1 Surface Speaker/Mic, or 28Aoo-2 Flush Speaker/Mic.





# Safety & Security | Omni Accessories



#### RS-232/RS-485 Serial Board

10A17-1

Allows an Omni or Lumina controller to be connected to a personal computer or other system to exchange data and commands. The controller can be accessed continuously and in real time through the interface without affecting the operation of the controller. Includes RS-232/485 serial board, accessory kit, 20 pin cable, instructions.



#### Four Relay Module

10A07-1

Eight Relay Module

19A00-1

Relay Modules are used to convert voltage outputs to Form C relay contacts for switching pumps, motors, commercial lighting, remote control breakers, and sprinkler systems. For use with Omni and Lumina controllers.



#### Universal Mounting Plate

20A07-2

Mounting plate, hardware kit & instructions. Used to mount Leviton Security & Automation's Omni, Lumina, and Hi-Fi 2 main board assemblies, expanders, and accessories for installation in structured wiring enclosures.



#### **Enclosure Lock and Two Keys**

21A06-1

Lock for enclosure and pair of matching keys. Included with 17A00-1 and 95A09-1.



#### Hardwired Load Control Module

72A00-1

20 AMP Relay Module that connects directly to voltage outputs on Leviton Security & Automation home controllers and expanders and includes a manual override switch. Can control 120, 240, or 277VAC loads. Ideal for lighting control in small commercial environments. Requires 120V and neutral wires.



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#### Leviton Security & Automation Serial Server

93A00-1

RS232/RS485 to TCP/IP converter integrated with a robust system and network management features designed for serial equipment to be accessed and controlled via Intranet or Internet.



#### KNX® Gateway

97A00-1

The Leviton Security & Automation KNX® Gateway allows Omni and Lumina controllers (OmniPro II, Omni IIe, Omni LTe, Lumina Pro, and Lumina) to communicate with and control KNX® devices installed on the network. Lighting, temperature and energy management, and motors (window coverings, shades, shutters, etc.) are among the many KNX® devices that can be controlled from a Leviton Security & Automation interface or via controller programming.





#### Serial PC Cable

21A05-2

7 foot cable, modular to DB-gF - connects Omni or Lumina controller serial ports to computer RS-232 serial port for use with PC Access, and other Leviton Security & Automation Connectivity Partners.





36A05-2

7-foot cable, modular to DB-gF - connects Leviton Security & Automation UPB™ Powerline Interface Module to computer RS-232 serial port for use with UPStart software. UPStart may be downloaded for free. Also used for Leviton Security & Automation Connectivity Partners, as directed.





#### Serial Connectivity Cable

36A05-4

7-foot cable, modular to DB-9M - connects controller to serial ports for Russound, NuVo, RadioRA, CentraLite, Jandy, and other Leviton Security & Automation Connectivity Partners.



# Safety & Security | Wireless Security Sensors



#### 64-Zone Wireless Receiver

45A00-1

433 MHz for use in domestic and international installations. Allows up to 64 unique wireless security transmitters to report information to a Leviton Security & Automation controller. The wireless transmitters replace wired door and window sensors, as well as wired motion and glassbreak detectors. Includes Receiver Signal Strength Indicator (RSSI) capability, indicating signal strength of the transmitter as good, fair, or poor. That information is stored in the Leviton Security & Automation system and can be accessed from any Leviton Security & Automation console, OmniTouch Touchscreens or PC Access. This information is important to an installer to ensure optimum placement and performance of the transmitters and receivers.



Glass Break 61A00-1

The 61 Ago-1 Wireless Glassbreak Detector is an omnidirectional acoustic sensor and wireless transmitter. It is used for detecting the sound of breaking glass, providing 360° of coverage. Requires a Leviton Security & Automation 64 Zone Wireless Receiver (Leviton Security & Automation part #45A00-1). Uses a CR23A lithium ion battery, included.



#### **PIR Motion Detector**

47A00-2

Quad element detector reduces false alarms. 33lbs. and 55lbs. pet immune settings. 30'x 50' coverage. 3-year battery life. Includes quad motion detector with wall and ceiling mount hardware, wide-angle lens, battery, instructions. Requires an Leviton Security & Automation 64 Zone Wireless Receiver (Leviton Security & Automation part #45 Aoo-1). Uses CR123A lithium ion battery, included.



#### Four-Button Wireless Keypad

69A00-1

May be programmed to control any Leviton Security & Automation Omni or Lumina home control system feature, such as lights, temperatures, macros, and the security features of an Omni family home control system. Requires a Leviton Security & Automation 64 Zone Wireless Receiver (Leviton Security & Automation part #45A00-1). Uses CR2032 lithium ion battery, included.



#### Four-Button Keyfob

48A00-1

Can be programmed to control any Leviton Security & Automation controller feature, such as lights, temperatures, macros, and security. Includes instructions. Requires a Leviton Security & Automation 64 Zone Wireless Receiver (Leviton Security & Automation part #45A00-1). Uses CR2025 lithium ion battery, included.



#### Panic/Alert Pendant

50A00-1

Can trigger outgoing phone calls to up to 8 different numbers, an e-mail notification, or video surveillance recording. Includes Panic/Alert pendant with lanyard, battery, and instructions. Requires a Leviton Security & Automation 64 Zone Wireless Receiver (Leviton Security & Automation part #45A00-1). Some features may require additional equipment. Uses CR2032 lithium battery, included.



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#### Wireless Driveway Sensor

#### 63A00-1

No digging or underground cable required. Uses earth's magnetic field to detect moving vehicles. Activate lighting, video surveillance, and more when a vehicle is detected in a driveway or parking area. Magnetic sensing range of 12 feet with three sensitivity modes for precise installation. Two unique mounting options including stake or post/wall mount. Operates in temperatures between -20-120°F. Requires a Leviton Security & Automation 64-Zone Wireless Receiver (Leviton Security & Automation part #45A00-1). Uses two C-cell alkaline batteries, included.



#### **Door/Window Transmitter**

#### 46A00-1

3 Zone Door/Window Transmitter with a mercury tilt switch for garage doors. Includes Door/Window 3 Zone transmitter with tilt switch, magnet, mounting hardware, battery, instructions. Requires a Leviton Security & Automation 64 Zone Wireless Receiver (Leviton Security & Automation part #45A00-1). Uses CR123A lithium ion battery, included



#### Mini Contact

#### 58A00-1

The 58Aoo-1 Mini Door/Window Transmitter is a miniature (1.7"H x 1"W x .65"D) supervised wireless transmitter that comes with a case tamper switch, wall tamper switch, and a replaceable Lithium battery. The 58Aoo-1 is a single zone miniature version of the existing 46Aoo-1 Three Zone Door/Window Transmitter. Requires a Leviton Security & Automation 64 Zone Wireless Receiver (Leviton Security & Automation part #45Aoo-1). Uses CR2450N lithium ion battery, included. Two hard wire inputs in addition to built-in reed switch.



### Vanishing Contact

#### 57A00-1

The 57Aoo-1 Vanishing Door/Window Transmitter is an ultra-thin (1.5"H x 1"W x .38"D) supervised wireless contact. It has beveled edges that vanish into any décor. It also features a bypass button that allows you to manually bypass the transmitter, which automatically restores when the magnet is replaced. Requires a Leviton Security & Automation 64 Zone Wireless Receiver (Leviton Security & Automation part #45Aoo-1). Uses CR2032 lithium ion battery, included.



#### Wireless Recessed Door Contact

#### 56A00-1





## **Video Surveillance Cameras**

Imagine confirming the security and safety of a business location, residence, or vacation home in an instant. View surveillance video of the front entrance, business interior, nursery, or driveway. On vacation and concerned about the safety of the property? Want to check up on children, elderly relatives, or pets from the office? Leviton Security & Automation's surveillance video may be viewed remotely on a smartphone/tablet, or via Snap-Link on any Internet-connected computer in the world.



#### Indoor/Outdoor Mini Dome IP Camera

68A11-1

Full High Definition 1080p at up to 30 frames per second. View on your smartphone, tablet, or OmniTouch Touchscreen. Simultaneously streams H.264 and MJPEG video (dual stream). Thanks to the built-in web server, you can view live and recorded video from a PC and have still video frames emailed to you or uploaded to an FTP site when motion is detected in an area. Record video to a Micro SD card or PC. Camera automatically switches to black and white at night for enhanced viewing capabilities. Features a weatherproof dongle and is rated IP66 for outdoor use (operational temperature 14 degrees F to 122 degrees F). With Power over Ethernet, there is no need for power supplies or power outlets.



#### Indoor/Outdoor Day/Night Bullet Camera

68A02-2

1/3" Sony Super-HAD CCD; 3.8-9.5mm auto iris vari-focal lens; 560 TV lines; NTSC; 0 Lux under IR illumination; true day/night functionality with IR Cut Filter; 36 IR LEDs for night vision (up to 95 ft IR range); bracket mount with pan, tilt, and rotation adjustments (wire feed-through); sun shield included; 12VDC; power supply required, not included.



#### Indoor/Outdoor Day/Night Dome Camera

68A01-1

1/3" Sony Super-HAD CCD; 3.7-12mm auto iris lens; 420 TV lines; NTSC; o Lux under IR illumination; water resistance IP 66 protection; wide range viewing 3D covert bracket design; 12VDC/24VAC dual voltage; easy installation with attached cap design with anti-scratch cover coating; compact size; power supply required, not included.



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# **Digital Video Recording**

#### Network Video Storage Server

68A00-2

The Video Storage Server is a 4-channel D1 high resolution digital video recorder with H.264 video compression. It features real time monitoring with local recording and playback. It has a built-in web server and network interface that is used for monitoring real time high resolution video and bi-directional audio via the network and scheduling, searching, and playing recorded video. It stores recorded video and audio on its local drive, so you can search and playback files anytime and anywhere network access is available.

The Network Video Storage Server is designed to work with the OmniTouch 7 and composite analog cameras. It has four inputs that can be connected to a Leviton Security & Automation controller to activate events, and also has one alarm output that can be connected to the control system.

- Compact Securely mounts into a Leviton Structured Media Enclosure
- High Resolution Video: D1 (720 x 480) at 120 Fps
- H.264 Video Compression
- Real Time Monitoring with Local Recording and Playback
- Supports PTZ (Pan/Tilt/Zoom)
- Built-in Web Server and Network Interface
- Pentaplex Operation: Live, Playback, Record, Archive, and Remote
- Alarm Inputs and Output; BNC, HDMI and VGA outputs; 2 USB
- Recording: Manual, Continual, Schedule, Motion, and Alarm
- Supports up to 2TB HDD

# **Alarm Panel and Telephone Backup Device**

#### Cellular Communication Center (C3)

70A00-2

Now with Caller ID functionality, the wireless cellular communicator adds protection if a landline is disabled or not desired. Allows phone calls to be made over the GSM cellular network using the existing landline telephones. The C3 can be used when there is no land line or the land line is temporarily unavailable.

- Now includes Caller-ID!
- No programming!
- Functions as either primary or backup phone service
- Monitors land line and switches to cellular if land line is down
- Full telephone line (PSTN) simulation
- When tied to a security system, reports to central monitoring station
- Station can call homeowners via the C3 to verify alarm condition
- Supports prepaid GSM SIM cards
- Built-in battery charger automatically charges backup battery
- Full 2W power and remote antenna for superior call quality





# **Control Access Based on Time, Day, or Person**

Proximity card readers and accessories connect to a Leviton Security & Automation system for complete access control. Popular uses of Leviton Security & Automation's access control include restricting access to outbuildings, gyms, theaters, cellars, and pools. Simplified wiring makes for efficient residential or small commercial use. Everything between the controller and the readers-including power-goes over a single four-conductor or CAT-5 cable.

Each card is attached to a user code in the Leviton Omni or Lumina automation controller which can be managed with specific privileges. For instance, users can be granted privileges based on time and date, and access can be restricted to specific readers. Each swipe can perform as many actions as desired and these results can be customized by time of day, arming condition, or any other event the Leviton Security & Automation control system is monitoring, including lighting, temperature, video surveillance, and audio.



#### **Access Control Card Reader**

125 KHz high security, digitally encrypted, 26-Bit proximity card reader that connects to a serial port on a Leviton security & automation system. The reader has durable and scratch resistant polycarbonate housing. Full epoxy potting ensures successful operation even in harsh environments. The 75A00-2 can be mounted to metal door frame (mullion) or to any flat wall surface. Two-color LED (green and red) and Piezo sounder guarantee accurate reliable door access operations.



#### **Access Control Keypad**

Weatherproof and vandal resistant piezoelectric keypad designed to interface with Leviton Security & Automation home controllers. Buttons work simply by tapping the surface. Sleek keys of the outdoor keypad can be operated with a bare finger or a snow-covered glove. Stainless steel outdoor keypad, cable assembly, instructions. Connects via serial port on Leviton controller (does not use console/keypad port on console bus).



#### Access Control Card, Pack of 10

125 KHz credit card size 1.7mm thick high security proximity card with fully encrypted format stored on the card. Thin, flexible, and light enough to be carried in a purse or wallet. Preprogrammed at the factory with a unique encryption code. Provides a read range up to 4".





75A00-2

54A00-1

78A00-1



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#### Access Control Key Tag, Pack of 10

#### 78A00-2

Very small (only 4 grams) 125 KHz high security digitally encrypted proximity key tag. Hole for a key ring or Leviton Security & Automation. Pre-programmed at the factory with a unique encryption code. Small and durable enough to fit on a key ring. Provides a read range up to 2".



#### 12VDC Electric Door Strike (Fail Secure)

#### 79A00-1

When used with 75A00-2 Access Control Reader, this door strike securely locks and unlocks a door without the need of a key. Allows the door to be locked when closed, but can be automatically unlocked by the system, or manually unlocked with a key. 12VDC Fail-Secure device, which means the door unlocks when power is connected (i.e. the door is locked when power fails).



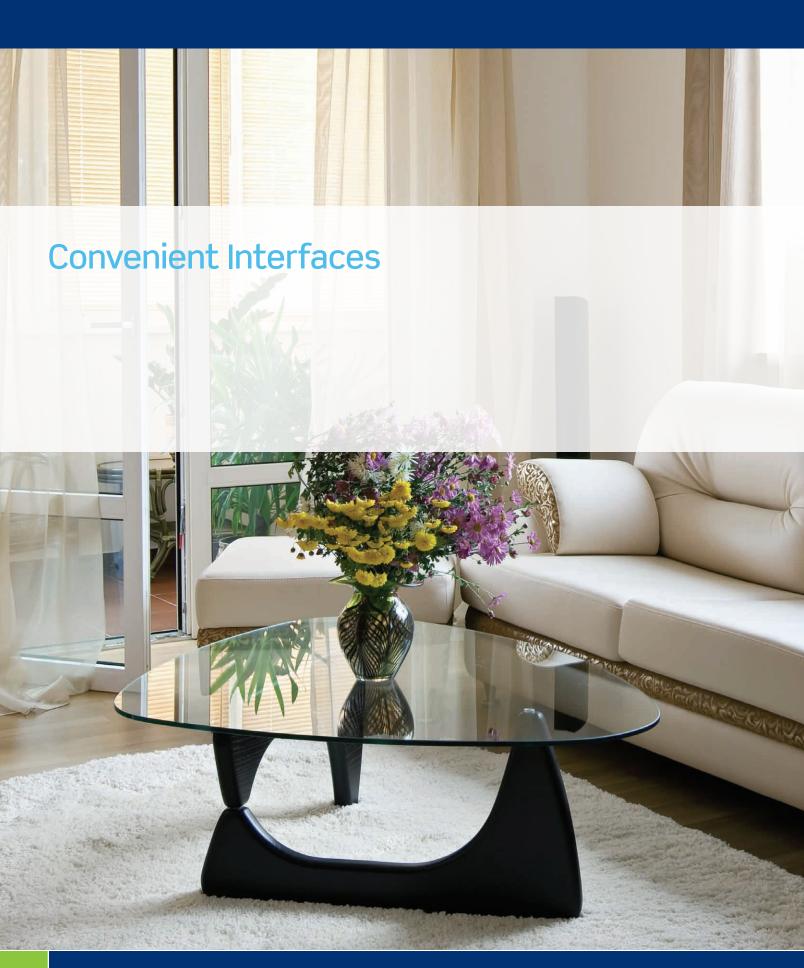
# Power Hub in Enclosure Power Hub for Structured Wiring Enclosures

#### 83A00-1 83A00-2

General purpose 12VDC power supply mounted in enclosure (83Aoo-1). Designed to provide power to several Leviton Security & Automation products, including Leviton Security & Automation Access Control Readers with electric or magnetic locks, Omni consoles, and many other devices. The Leviton Security & Automation Power Hub provides battery backed power for connected devices. Convenient connections and power terminals for a neat installation. Designed to eliminate unsightly transformers, power strips, external power supplies, battery backup units, and complex wiring normally associated with access control installations. Up to five (5) Amps total; Connectors for 2 sealed batteries, 12V@4-8Ah each (not supplied); Power for 8 Leviton Security & Automation Access Control Readers (75Aoo-2, with electric and magnetic locks) OR eight Omni Consoles and/or OR four Leviton Security & Automation Access Control Readers (75Aoo-2, with electric and magnetic locks) and four Omni Consoles.







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Leviton Security & Automation has many options to access and control a home or business. Choose from Touchscreens, consoles, keypads, software, and apps for mobile devices including smartphones, tablets, and e-readers. All interfaces and software are sold without subscription fees.



OmniTouch 7
OmniTouch Accessories
OmniTouch Pro
Automation Studio
PC Access
Snap-Link Mobile for iPhone®
Snap-Link Mobile for Android™
Snap-Link Mobile for Kindle Fire
Snap-Link PC Software
Free Apps

# **Convenient Interfaces**







Whether you're using a Leviton Security & Automation in-wall Touchscreen, a tablet while on vacation half-way around the world, or a smartphone in the office, there is guaranteed total control over the house or commercial property. Remote access with zero monthly fees!

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# **The New OmniTouch 7 Touchscreen**

#### OmniTouch 7 Touchscreen 99A00-1 (White) / 99A00-2 (Black)

The new capacitive touch, glass front Touchscreen from Leviton Security & Automation features a 7" diagonal viewing area in high resolution for control of your security, energy, and entertainment settings. No setup required other than entering your automation controller's IP address and adjusting the port and encryption keys.

Designed for the OmniPro II, Omni IIe, Omni LTe, Lumina Pro, and Lumina automation systems.

#### Security:

- Arm or Disarm your security system or alert emergency personnel.
- Quickly check whether all doors are locked and either unlock or lock any door from one menu.
- View crisp IP surveillance video footage without any additional hardware. MJPEG and JPEG IP Cameras can be viewed, as well as analog with an analog to IP converter.
- Quick glance LED on the top right corner is green when security is disarmed and red when armed.

#### **Energy Management:**

- Utilize slider bars to adjust lighting load levels from 0 to 100%.
- · Access up to 64 thermostats including humidity settings.
- · Control irrigation, ventilation, and window coverings.

#### **Entertainment:**

 Control Leviton's Hi-Fi 2 Distributed Audio System or a compatible system from a Connectivity Partner.

#### Specifications:

- Large approx 7" diagonal viewing area with minimal plastic surround available in Black or White.
- 7.25"x5.125"x0.55" on exterior wall surface, and 6"x4"x1" behind surface of wall.
- Glass front capacitive touchscreen at 800x480 resolution.
- PoE connection provides all power and communication.
- Optional 12VDC power can be used if not utilizing PoE.
- Firmware updates via Ethernet.
- 2 watt mono digital amplifier and speaker.
- Two digital MEMS microphones for improved noise and echo cancellation.
- Light sensor allows automatic dimming of display backlight.









## Convenient Interfaces | OmniTouch Touchscreens



#### One Port PoE Injector

90A00-1

Single port PoE injector that is fully compatible with Powered Devices that comply with the IEEE 802.3af standard. Can provide power to one OmniTouch 7 Touchscreen or other Powered Devices (such as the Home Theater Extender 2, PoE IP cameras, PoE Wireless Access Points, PoE Printer, etc.) without requiring additional power wiring to the device. Provides up to 15.4 watts of power and 10/100M data transmission through the traditional CAT-5 cable.



#### **Eight Port PoE Switch**

91A00-1

1131

#### Eight Port PoE Switch with Structured Wiring Backplate 91A00-2

Power Source Equipment (PSE) device that is fully compatible with IEEE 802.3af standard compliant devices. Powers up to seven OmniTouch 7 Touchscreens (one port must be connected to the network). PoE ports can also power other powered devices (such as the HTX2, PoE IP cameras, PoE Wireless Access Points, etc.) without additional power wiring to the device. Each PoE port can provide 15.4 watts of power and 10/100M data transmission through traditional CAT-5 cable to the Powered Device.



Leviton Security & Automation OmniTouch Pro shown on an iLi Touchscreen

OmniTouch Pro

Leviton Security & Automation's OmniTouch Pro is an intuitive touchscreen interface application for a third-party PC or PC touchscreen that provides access to security, lighting, temperature, audio/video, surveillance cameras, and more.

OmniTouch Pro features Leviton Security & Automation default interface designs which are applicable to many Windows® tablets and Touchscreens.

This default interface can be customized using Leviton Automation Studio software (Leviton Security & Automation part number 1126). OmniTouch Pro is available in eight different languages and multiple resolutions.



#### **Automation Studio**

1126

Automation Studio is a software package developed to allow customization of graphic interfaces and foreign language support for OmniTouchPro Software on third party Touchscreens. With Automation Studio, complete control is gained over look, feel and function, IP or analog surveillance cameras are set up, and the Leviton Security & Automation Home Theater Extender 2 (HTX2) can be configured.



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#### **PC Access**

#### 1105W/1106W/1111

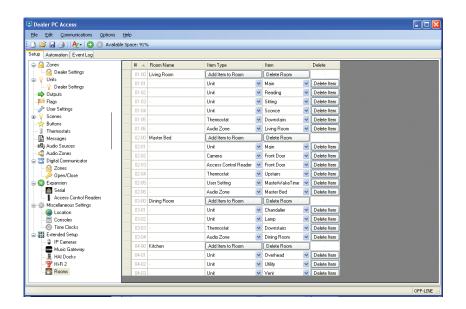
PC Access features set up, programming, and monitoring of a home control system over a modem or by a serial or network connection. PC Access is the only software product Leviton Security & Automation offers that has the ability to program a Leviton Security & Automation automation system.

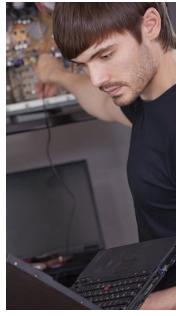
Commands for comparing temperatures (example: indoor vs. outdoor), timers, humidity, thermostat settings, and more make innovative energy-saving strategies easier. Leviton Security & Automation has also made it easier for customers to make adjustments to their systems (altering wake-up times, "away" temperatures, holidays) without changing the system's programming.

With the auto-completion feature, PC Access speeds the programming process by jumping to a command after the first few letters of a program line are typed.

Enhanced automation programming features include:

- Multiple triggers, conditions, and commands in a single statement
- Save programs for re-use
- Add comments to programs
- Simplified program editing
- Search and replace
- ZIP code wizard
- Account summary page
- Easy tree-based navigation
- Fewer mouse clicks and keystrokes
- Integrated help and documentation
- All lists can be sorted and/or filtered
- Supports longer, more descriptive "friendly" names
- Ability to name  $\mathsf{UPB^{\scriptscriptstyle TM}}$  links and other lighting scenes
- Integrated firmware updater for new flash-enabled controllers
- Simplified set up: names and properties of an object edited on a single page





Registered users receive free updates.



All versions of PC Access support multiple languages. Simply select your language of choice at installation.

# Native support for iPad!





# **Snap-Link Mobile for iPhone®**

Snap-Link Mobile for iPhone® puts home and business control in the palm of your hand with zero monthly fees. Simply purchase the app from the iTunes® store, and get instance access to your control system. The comprehensive app provides complete control over your entire home or business. You can even access multiple properties from a single app!

Secure encrypted communication over Wi-Fi or 3G cellular data networks. The app is available in supported regions for multi-lingual support. No third parties other than cellular service are required for operation.

Requires a Leviton Security & Automation Omni Pro II, Omni IIe, Omni LTe, Lumina Pro, or Lumina control system.







#### **Total Control with no monthly fees**

- Set lighting levels or audio from 0-100% with a sliding scale or use quick scene buttons.
- View real time surveillance camera video front door, nursery, pool, boat dock, etc.\*
- Adjusting heating and cooling and view humidity and outdoor temperatures.
- Arm/disarm the alarm. View a security log to monitor entry/exit activity.
- Select music sources and adjust volume levels in individual rooms or the entire property.
- Supports 17 different popular world languages with more being added.
- Access multiple accounts.
- \*Requires appropriate cellular provider plan and cameras.

# South States Control Security Buttons Trops Access Cuttors Cuttors

A single Snap-Link Mobile for iPhone® app account can operate on multiple devices.

## Simplify with one app on multiple devices for one price

Purchase and maintain a single app for your iPad®, iPhone®, and iPod® Touch®. Utilize on any device that is attached to the iTunes® account.



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# Snap-Link Mobile for Android™

Snap-Link Mobile for Android™ allows monitoring and control of lights, security, audio, temperatures, and webcams on handheld mobile devices including tablets and smartphones. Snap-Link Mobile for Android™ puts control of all functions in the palm of your hand.

Access multiple properties from one application. It tunnels directly into the Leviton automation system through a secure AES encrypted connection. Requires a Leviton Security & Automation Omni Pro II, Omni IIe, Omni LTe, Lumina Pro, or Lumina control system.

The application is sold without subscription fees and users receive free updates. It features secure encrypted communications over Wi-Fi or cellular data networks. The app is available in Android™ supported regions for multi-lingual support.



Android™ phones can harness the power of access and control.





# **Snap-Link Mobile for Kindle Fire**

Reading a scary novel and hear a "bump in the night"? Immediately open the app to arm the security alarm, lock all doors, view a surveillance camera, turn on lights, and even alert authorities in case of emergency.

Download this Kindle Fire specific app in the Amazon Marketplace directly from your Kindle Fire! Simply open the app, and you have instant access to your home and/or business. Requires a Leviton Security & Automation Omni Pro II, Omni IIe, Omni LTe, Lumina Pro, or Lumina control system. The application is sold without subscription fees and users receive free updates.



Kindle Fire





See video from your IP cameras from anywhere an Internet connection is available.



Small and simple, the Snap-Link USB drive can be installed quickly and securely.



Log in and change your settings in lighting, temperature, audio, and security.

# **Snap-Link**

Leviton Security & Automation's multi-award winning Snap-Link software can quickly adjust and check lights, temperature, audio, security, access control, humidity, and user settings on the go.

Insert the Snap-Link USB drive into any Windows® computer and it directly communicates through the Internet to the secure Ethernet port on your Leviton Security & Automation system. No on-site computer is needed. Snap-Link is easy to use and easy to set up because it is self-contained on the USB drive. There is no installation of the program, just unplug the drive and no residue of the application is left on the computer. 128-bit AES encryption is utilized making Snap-Link vastly safer than competing products which use web pages via non-encrypted connections.

Snap-Link has no subscription fees. Registered users of Snap-Link can update to the latest version for free at any time by clicking on the update link.

#### **Snap-Link**

Snap-Link requires an Ethernet-enabled Leviton Security & Automation home control system such as the OmniPro II, Omni IIe, Lumina Pro, or Lumina.



Conserve energy while maintaining the comfort level. Adjust heating and cooling by zone. View humidity and outdoor temperatures. Adjust settings before leaving work.



Select music source and adjust volume levels in rooms or whole house. Control Hi-Fi 2 by Leviton Security & Automation or a system from one of Leviton Security & Automation's Connectivity Partners.



Check and adjust lighting scenes. Dim lights, set timers, control each light, or turn all lights on/off by room or entire



Use the 68A11-1 Mini-Dome IP Cameras to see your home or business from anywhere in the world. Scroll through cameras to view boat docks, front doors, pool areas, etc. Check up on sick or elderly relatives when you can't be physically present. Record video based on motion, event, or time.

On		•	
Off	Á		
Scene A	Scene B	Scene C	Scene D
Set			4 Back

rity Mode		
OFF	DAY	
NIGHT	AWAY	
VACATION	DAY INSTANT	
NIGHT DELAY	Restore All Zones	

Monitoring and controlling security features is easy. Arm or disarm the alarm, view a security log, or select to bypass or restore an individual zone (area).

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# Control all of your A/V Equipment with One App!

When used with the HTX2 hardware, the free HTX2 app in the iTunes® store turns your iOS® device into a remote control for all of your audio/video components. Setup your user interface using the free software tool, Mobile Designer.

HTX2 Mobile Designer includes a visual GUI (Graphical User Interface) editor, which is used to create GUI pages (landscape and portrait) to control the HTX2 and its connected devices. Backgrounds, buttons, and functions can be adjusted, but templates are provided to ease the process. You can now create custom AV interfaces for an iPhone®, iPod® Touch®, or iPad®. Control TV, Blu-Ray, CD changers, projectors, receivers, and more.

# Free stand-alone app to control your audio system!

Now, anyone can control their Hi-Fi 2 distributed audio system with a free iOS® application on their iPad®, iPod® Touch®, or iPhone®. Load the application on as many devices as you like.

Sitting on the couch and think your child's audio is too loud upstairs? Simply adjust the volume in their room from your iPad® in the den.

On your iPad®, iPod® Touch®, or iPhone®, the graphical user interface is incredibly familiar to Hi-Fi 2 users. That's because the iOS® interface replicates the built-in Volume Source Control that they're used to seeing on the wall. Use a single mobile device to control audio throughout the entire property and even receive meta-data information in the simulated OLED screen. This free app is available without subscription fees and users receive free updates.



















Leviton energy management products make homes and businesses more comfortable while saving energy. Automatically coordinate lighting, temperatures, pumps, fountains, water heaters, irrigation, and other energy-consuming devices. Save money by automating based upon schedules or events.



40	Lumina Automation Systems
12	HAI Lighting Control
<del>1</del> 8	Vizia RF+ Wireless Lighting Controls
58	Omni-Bus Lighting Network
55	Lighting Comparison
66	Omnistata Thermostats
70	Lumina RF Wireless Energy Management
72	SmartGrid Solutions
74	Revenue Grade Meters
76	Leviton Monitoring Hubs
77	GreenMAX Relay Control

## Lumina Control Systems







## **Cover 100% of Your Energy Management Needs**

Leviton Security & Automation products make homes or work facilities more energy efficient. Save energy in each category of consumption. According to the U.S. Department of Energy, energy is consumed in several major ways, all of which can be monitored and controlled via Leviton Security & Automation.



### **Lumina Automation & Energy Controllers**

The Lumina family of control systems' primary focus is to save money with sophisticated lighting and temperature control. Based on schedule or event, automate systems including HVAC, lighting, irrigation, ventilation, pumps, fountains, window coverings, and more to save money on the monthly energy bill. Utilize both Z-Wave® and ZigBee® devices with the Lumina, as well as popular powerline carrier technologies, enabling retrofit installations.



### **Incorporate Safety Features**

Add surveillance video, wireless door locks and access control. Tie in a complete third party security system. If a built-in security system is desired, use Leviton's popular Omni Security & Automation system.



When used with a Leviton Omni or Lumina automation system, the Omnistat2 programmable communicating thermostats and Leviton Control Modules add energy efficiency by adjusting temperatures, lamps, and appliances based on activity such as home, away or vacation. The ZigBee® wireless versions are ideal for retrofits in residential and small commercial operations.

The Leviton automation control system can turn off lights, water heaters and pool pumps when the property is unoccupied. Additionally, you can control ceiling and ventilation fans for comfort and energy efficiency.

### **Remote Access: Anywhere, Anytime**

Lumina automation systems provide remote access to the property via telephone and Internet, so you may monitor and adjust the temperature or lighting levels at any time from a PC, tablet, or smartphone with zero monthly fees.

Use slider bars to adjust individual lighting loads or adjust the entire room or building with one button push. Access up to 64 thermostats and adjust temperature or humidity settings. Easily activate pumps or fountains. Push one button to enact a chain of events like "Bedtime" which sets back devices every night.



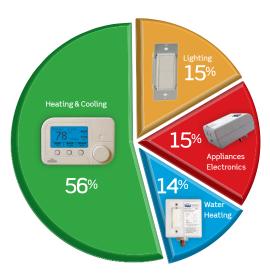






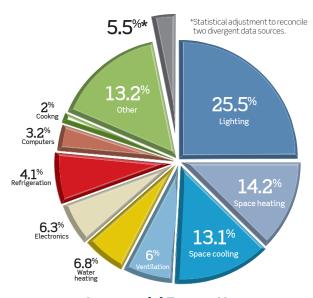
### **Leviton Covers 100% of Your Energy Management Needs**

The Lumina Pro and Lumina control systems provide comprehensive automation like the Omni family systems. Lumina systems are primarily intended as lighting control and energy management systems.



### **Residential Energy Usage**

Source: US Department of Energy.



**Commercial Energy Usage** 

Source: US Department of Energy.

"From a technical perspective, Leviton Security & Automation products are superior. We are doing amazing things with your product line, particularly in the commercial space."

TechnoStructure Incorporated, Naperville, IL





### Lumina Pro Controller, In Enclosure Lumina Pro Controller, On Backplate

44A00-2

44A00-4

Supports 31 rooms (256 lighting loads). Includes Ethernet port, controller in enclosure with lock & keys, LCD keypad, UPB™ Powerline Interface Module & cable, phase coupler, serial cable, manuals, and accessories.



### Lumina Pro International, In Enclosure

44A00-22

### Lumina Pro International, for Structured Wiring

44A00-23

Lumina Pro in enclosure with lock & keys OR on a backplate for structured wiring. Includes Lumina International Keypad, serial cable, manuals, and accessories. Does not include battery, transformer, PIM, or phase coupler. For other available languages add language code to part number: Arabic (AR), Catalan (CAT), Simplified Chinese (CHS), Traditional Chinese (CHT), French (FR), German (GER), Hebrew (HE), Italian (IT), Portuguese (POR), Russian (RU), Latin American Spanish (SPA), and European Spanish (SPE).



### Lumina Controller, In Enclosure

44A00-1

#### Lumina Controller, On Backplate

44A00-3

Supports 8 rooms (64 lighting loads). Includes Ethernet port, controller in enclosure with lock & keys, LCD keypad, UPB™ Powerline Interface Module & cable, phase coupler, serial cable, manuals, and accessories.



### Lumina International, In Enclosure

44A00-24

### Lumina International, for Structured Wiring

44A00-25

Supports 8 rooms (64 lighting loads). Includes Ethernet port, controller in enclosure with lock & keys, LCD keypad, serial cable, manuals, and accessories. Does not include battery, transformer, PIM, or phase coupler. For other available languages add language code to part number: Arabic (AR), Catalan (CAT), Simplified Chinese (CHS), Traditional Chinese (CHT), French (FR), German (GER), Hebrew (HE), Italian (IT), Portuguese (POR), Russian (RU), Latin American Spanish (SPA), and European Spanish (SPE).



Lumina Keypad

33A00-19

Lumina Keypad w/Built-in Speaker/Microphone

33A00-20

International Market Lumina Keypad

33A00-25

## International Market Lumina Keypad w/Speaker/Mic

33A00-26

Allows set up, programming and control of the Lumina and Lumina Pro system. LCD surface mount keypad, silk screened front, connector kit, instructions. International versions feature easy to understand icons rather than text. Two-Way Voice Module required for 33A00-20 and -26. See special wiring instructions in wiring section.



## **HAI Lighting Control**







The HLC product line is designed for 110VAC applications and includes dimmers, switches, remote controls, and plug-in modules. HLC is a hard-wired powerline carrier solution that can be easily retrofitted without new wiring! HLC can operate stand-alone or with an Omni or Lumina control system for advanced scheduling and remote access. Enhance the enjoyment and property value. Add security for peace of mind, and contribute to savings on energy bills.



### Why HLC?

Because HLC is reliable, full featured and cost effective. HLC technology is ideal for custom homes and small commercial because of its long range, ease of use, custom labeling and decorator colors.

Automatically set lights to any percentage, saving money every time a light is illuminated. In addition to controlling conventional bulbs, Leviton Security & Automation controls high efficiency incandescent as well as dimmable LFD and CFL.

Leviton's Gen III UPB™ adds several features including automatic timeout and switching from dimming to non-dimming in the field. Leviton Gen III UPB™ also includes improvements to the core UPB™ technology, including improved drive for CFL and LED lamps and better tolerance for power frequency variations and interruptions in the dimmers.

### **Easy To Use - The Smart Switches!**

HLC switches feature true rocker action via large panel style switches. Press and hold to brighten or dim. Press up to turn on. Press down to turn off. Easily change scene settings at any time without a service call.

Because HLC is a modular system, rooms and lights can be added anytime, updating as needs change. For retrofits or expansion, existing light switches can be replaced with HLC smart switches and plug-in lamp control modules can be added for accessory lighting.

### **Matches Your Style**

Most switches accommodate standard Decora® wallplates for unlimited faceplate options. A full range of switch colors, including almond, black, brown, grey, ivory, light almond, and white, are available.

LED indicator lights at the top of the switches can be programmed to glow blue, red, magenta, or turned off entirely. Scene Switches and House Status Switches can even feature custom laser engraved buttons.

#### **Color Choices**

HLC devices are offered in a wide range of colors and finishes. Color change kits available:



(-WH)



(-IV)



(-AL)





(-LTA)



(-GR)



(-BL)





Dim lights as movie begins, using a remote control, smartphone or tablet.



Set the mood for entertaining.



Front door and driveway lights come on at dusk and turn off at a set time to save energy.



Expansion is easy! Add a table lamp or small appliance with a plug-in module.

### Energy Management | HAI Lighting Control



### **CFL/LED Dimmer**

35A00-1CFL

UL Listed for CFL and LED bulbs. Special dimming curve, minimal brightness level, and optimized TRIAC drive. Can also control up to 600 watts of incandescent/Halogen brightness. White color. Color Change Kit available. Uses standard Decora® wallplate (not included).



### 600W UPB™ Dimmer Switch

35A00-1

Used for controlling and dimming lighting loads up to 600W. Optimized for incandescent/Halogen bulbs. White paddle, connectors, instructions. Color Change Kit available. Uses standard Decora wallplate (not included).

### 600W UPB™ Non-Dimming Switch

35A00-3

Used for controlling non-dimming loads, such as fluorescent lights, up to 600 watts. Includes a white paddle, connectors, instructions. Color Change Kit available. Uses standard Decora wallplate (not included).



### 15A Relay Switch

40A00-1

For controlling heavier loads (up to 15 amps) or motors, such as ceiling fans, that may hum when used with dimming or non-dimming switches. White color. Color Change Kit available. Uses standard Decora wallplate (not included).



#### **Auxiliary Switch**

37A00-1

Remotely operate 35A00, 40A00, and 55A00 dimmers and switches; connectors, instructions. White color. Color Change Kit available. Uses standard Decora wallplate (not included).



### Switch Color Change Kit

35A14-color codeCS

Paddle, bezel assembly for 35A00, 37A00 and 40A00 series switches. Part number example: 35A14-ALCS.





### 2400W UPB™ Dimmer Switch Color-Matched Wallplate

## 55A00-3colorcode 55A03-1/-2

With connectors, instructions. Requires a special back box or must be de-rated. Shown in white, also available in ivory. Switch uses special-sized wallplate, sold separately (below).



### UPB™ Lamp Module

59A00-1

Plug-in Lamp Module controls and dims lamps up to 300 watts.



### UPB™ Appliance Module

60A00-1

Plug-in Appliance Module controls appliances, fans, and lamps up to 15 amps, general purpose, ½ horsepower.



### Scene Switch, 6-Button

38A00-1

Control all lights in a room or area. Lights may be turned on or off, dimmed, brightened, and set to four different scenes. Setting a scene is as simple as pressing the scene button on the Scene Switch five times. Has infrared receiver for use with Scene Switch Remote Control. Includes White bezel, connectors, instructions. Color Change Kit and custom engraving available.





### House Status Switch, 8-Button

38A00-2

This master lighting control shows the status for up to eight rooms. If any light is on in an integrated room, the button for that room is illuminated. Pressing the room's button will turn on or off all of the lights in that room. Includes White bezel, connectors, instructions. Color Change Kit and custom engraving available.



### Energy Management | HAI Lighting Control





## Table Top Scene Switch and Cradle Cradle Only

38A16-colorcode 38A15-colorcode

Table mount the Scene Switch (38A00-1), House Status Switch (38A00-2), or Lumina Mode Switch (38A00-3). Conveniently locate throughout the property (bedside nightstand, the office desk, next to a favorite chair). Plug directly into electrical outlet with six foot cord. Scene Switch sold separately or 38A16 includes both cradle and switch. Specify color code when ordering, WH or BL.



### Custom Legend Kit for Scene/House Status Switches 38A06-2

Coupon and instructions for custom laser engraved buttons for 6 Button Scene Switch or 8 Button House Status Switch. Mail in coupon, receive custom button overlay by mail. Customized Scene Switches make creating an ambiance easy. Select "Task Lighting", or "Romantic Evening" to set the proper mood. Customizing House Status Switches is fun as well. "Sue's Bedroom", "Master Bath" and "Back Porch" allow for ultimate control of every room. Create your own!



## Scene Switch & Lumina Mode Switch Color Change Kit (12 count)

38A04-color codeCS

Bezel for 38A00-1 or 38A00-3, instructions. Part number example: 38A04-ALCS.



### House Status Switch Color Change Kit (12 count)

38A05-color codeCS

Bezel for 38A00-2, instructions. Part number example: 38A05-ALCS.



#### Scene Switch Remote

38A14-1

Works with Leviton Security & Automation's Scene Switch. Controls all lights in a room or area. White color.





### **HLC Load Control Module**

### 71A00-1

30A module utilizing Leviton Security & Automation's Generation III UPB™ (Universal Powerline Bus) technology over existing power lines. Controls the power consumption of high wattage loads such as pool pumps and hot water heater. Can control 120 or 240V loads. Requires neutral wire.



### Phase Coupler (1)

#### 39A00-1

For 120/240V electrical systems, the Phase Coupler increases the speed and reliability of the HLC system. Although the HLC protocol is extremely robust and less susceptible to power line conditions, Leviton Security & Automation recommends the use of a Phase Coupler in every installation.



### UPB™ Split-Phase Repeater

### 39A00-2

Designed to repeat UPB $^{\text{\tiny{M}}}$  signal in installations requiring additional signal strength. Must be used on a 120/240VAC split-phase 6oHz powerline.



### UPB™ Three-Phase Repeater

#### 39A00-3

Required for use in three-phase installations when UPB™ devices are installed on separate phases. Must be used on a three-phase 120/208VAC delta-wye, 60Hz powerline.





### UPB™ Powerline Interface Module with Cable (1)

#### 36A00-1

 $\mathsf{UPB}^{\mathsf{TM}}$  Powerline Interface Module (PIM) connects the lighting system to an automation system or computer, which can then control the lights – making the system accessible through the home computer or from a remote location over the Internet.



## Wireless Lighting Control







Utilizing Z-Wave® technology, Vizia RF +® provides dramatic scene transitions, extended zone lighting control, industry standard 2-way status updating and true integration of household electrical devices.

Use Vizia RF +® to enhance new construction or to refresh existing homes and residences.

Enjoy stand-alone or tie in to Leviton's Omni or Lumina automation systems.



## Vizia RF +® Wireless Lighting Controls

Join a revolution in the home automation industry with Vizia RF +® wireless lighting and home control technology. Innovative and affordable, with features that are desired by professional installers and appreciated by homeowners, Vizia RF +® helps reduce energy consumption.

Equipped with Z-Wave® home automation technology, Vizia RF +® allows tailoring of the perfect home control solution that can be used stand-alone or tied into a Leviton Omni or Lumina control system. Imagine a home in which the lighting automatically adapts to your needs. For example, in the kitchen, one button can slowly dim the ceiling light while subtly brightening the chandelier over the kitchen table. Vizia RF +® can control other rooms just as impressively. It also works well with exterior fixtures, enabling them to be controlled throughout the house.

The Vizia RF +® product line includes new customer-requested features that increase its options, such as 49 selectable fade rates, an Energy Save mode, customizable preset maximum and minimum brightness levels, and more control of locator LED activity.



Vizia RF +® devices are offered in a wide range of colors and finishes. To order colors, add suffix to Cat No.







(-I)









(-E)





(-B)



(-R)

### Energy Management | Vizia RF +® Wireless Lighting

### Vizia RF +® | Dimmers

#### **Dimmers**

#### Features and Benefits

- Universal design provides crisp actuation and minimal travel
- 49 possible combinations of fade rates, from soft to instant
- Separate fade up and fade down speeds
- Energy Save option reduces power consumption and extends bulb life
- Preset On Level option sets the brightness level when the device is turned on, regardless of the previous level
- Minimum Brightness Level option sets the minimum brightness level the dimmer will output prior to turning completely off
- LED Display options control the length of time they remain lit
- Push pad always returns to neutral position regardless of load status
- Compatible with Decora Plus™ screwless wallplates and Decora® wallplates
- Complements Vizia +® Lighting Controls
- Color change kits are available to allow fast color changeover and simplify stocking inventory
- Manual and remote ON/OFF/DIM/BRIGHT control of connected loads
- ON/OFF/DIM/BRIGHT scene and zone control capability
- Responds to Vizia RF +® Controllers as well as selected Z-Wave® certified controllers from other manufacturers
- Works with the Vizia RF +® 1-Button Zone Controller/Virtual Dimmer Remote (VRCZ1-1L) for RF virtual 3-way control without the need for traditional 3-way wiring or for a dedicated traveler wire
- $\bullet \ Works \ with \ Vizia + ^{\circ} (non-RF) \ Matching \ and \ Coordinating \ Remotes \ (VP00R) \ for \ hardwired \ 3-way \ or \ up \ to \ 10-location \ control$
- 2-way status
- Easy to clean, high gloss finish complements a wide range of décors
- DIM/BRIGHT bar allows user to select brightness level when lights are ON or OFF green LED displays brightness level
- $\bullet$  Power-failure memory allows light levels to return to the same levels set prior to a power interruption
- RFI filtering for radio, audio and video equipment
- Air gap switch disconnects power from load locally. It is concealed during normal operation and is accessible without removing the wallplate
- Limited Five-Year Warranty











## Vizia RF +® Scene Capable Dimmers for Single Pole, 3-Way or Multi-Location Applications

Dimmers ® ®					
Description	Rating	Cat. No.	Color		
Incandescent Dimmer with LED locator and brightness display	600W - 120VAC 60Hz	VRI06-1L	Z		
Incandescent Dimmer with LED locator and brightness display	1000W - 120VAC 60Hz	VRI10-1L	Z		
Incandescent, Magnetic Low Voltage and Mark 10 Dimmer with LED locator and brightness display	1000W / 1000VA 60Hz	VRMX1-1L	Z		
Electronic Low Voltage Dimmer with LED locator and brightness display	600W - 120VAC 60Hz	VRE06-1L	Z		

Fan Speed Controls					
Description	Rating	Cat. No.	Color		
Quiet Fan Speed Control with LED locator and fan speed display	1.5A - 120VAC 60Hz	VRF01-1L	Z		



VR106-1L



VRMX1-1L

### Color Change Kit for Vizia RF +® Dimmers

Color Change Kit ® ®					
Description	Cat. No.	Color			
Matching Dimmer/Fan Speed Control	VPKIT-MD	W, I, T, G, E, B, R			
Color Change Kit with LED locator and brightness display					

"We use the reliable, simple and powerful Leviton Security & Automation on ALL our security and automation installs. We will always utilize stand-alone or integrated with other automation products. We are pleased with the evolution."

CMAtelecom, Ste-Therese, Quebec

### Energy Management | Vizia RF +® Wireless Lighting

### Vizia RF +® | Switches

### **Switches**

#### Features and Benefits

- Push pad always returns to neutral regardless of load status
- Compatible with Decora Plus™ screwless wallplates and Decora wallplates
- Vizia RF +® style push pad blends seamlessly with other devices in the Vizia +® collection
- Manual and remote ON/OFF control of connected loads
- ON/OFF scene and zone control compatibility
- LED Display options control the length of time they remain lit
- Universal design provides crisp actuation and minimal travel
- Responds to Vizia RF +® Controllers as well as selected Z-Wave® certified controllers from other manufacturers
- Works with the Vizia RF +® 1-Button Scene Controller/Virtual Switch Remote (VRCS1-1L) for wireless RF virtual 3-way control without the need for traditional 3-way wiring or for a dedicated traveler wire
- Works with Vizia + (non-RF) Matching and Coordinating Remote (VPOSR-10) for hardwired 3-way or up to 10-location control
- 2-way status
- Air gap switch disconnects power from load locally. It is concealed during normal operation and is accessible without removing the wallplate
- Color change kits are available to allow fast color changeover and simplify stocking inventory
- Limited Five-Year Warranty



### Vizia RF +® Scene Capable Switch for Single Pole, 3-Way or Multi-Location Applications

Scene Capable Switches ® ®					
Description	Rating	Cat. No.	Color		
Scene Capable Switch with LED locator	15A 1800W Resistive 1800W Incandescent 1800VA Fluorescent 1800VA Inductive 1/2 HP Motor (9.8A)	VRS15-1L	Z		
Incandescent Scene Capable Switch with LED locator	5A Incandescent only (no neutral required)	VRS05-1L	Z		

### Color Change Kit for Vizia RF +® Switches

Color Change Kit ® ®				
Description	Cat. No	Color		
Matching Switch Color Change Kit with LED locator	VPKIT-MS	W, I, T, G, E, B, R		





### Vizia RF +® | Programming and Handheld Remotes

#### **Features and Benefits**

#### RF + Installer Tool Software and USB for System Programming (VRUSB)

- Set up and program an unlimited number of Z-Wave® Home Automation Systems
- Utilize Windows® "drag and drop" functionality
- Create areas and scenes on or off the job site
- Use a checklist to guide the way through a Vizia RF +® installation or advanced programming
- Generate device, controller and area reports
- Schedule groups of devices to turn on/off at various times of the day (VRCPG required)
- Optimize, repair and recover Z-Wave® networks
- Perform diagnostic tests on a network

#### Remote Controller/Programmer (VRCPG)

- Primary device for creating and programming a Vizia RF +® system
- Provides user-level control of up to 128 devices
- Creates up to 128 areas
- Customizes up to 16 profiles
- Creates up to 255 scenes
- Integrated step-by-step setup guide
- Can operate as a secondary remote control
- Creates scheduled events including dusk and dawn (timer version VRCPG-OSG only)
- Provides remote control (ON/OFF/DIM/BRIGHT/SCENE/ZONE) of devices in the Vizia RF+® network

#### IR Remote Controller (VRMR1)

- Works with Vizia RF +® IR compatible controllers
- Controls four scenes and four zones

#### ThinkEssentials® Pro Edition Software by ControlThink® (CTTEP-20W)

- Self-tuning optimization for premium Z-Wave® performance
- Professional Z-Wave® system programming
- Superior integration with Vizia RF +® products
- $\bullet$  Install, optimize, integrate and maintain a high performance Z-Wave  $^{\rm @}$  network
- Patent pending disaster recovery for many Z-Wave® system repairs
- Installer software requires Windows XP® or Vista® (32-bit and 64-bit)

### Vizia RF +® Programming and Handheld Remote Controllers

Programming and Handheld Remote Controllers ® ®			
Description	Cat. No.		
RF + Installer Tool Software and USB for System programming*	VRUSB-000		
RF Handheld Remote Controller, Programmer (Basic)	VRCPG-BSG		
RF Handheld Remote Controller Programmer/Timer (Internal astronomical clock)	VRCPG-0SG		
Vizia RF +® IR Handheld Remote Controller	VRMR1-0SG		
ThinkEssentials® Professional Edition for installers	CTTEP-20W		



VRCPG-SG

### Energy Management | Vizia RF +® Wireless Lighting

### Vizia RF +® | Controllers

### Features and Benefits

- Easy to clean, high gloss finish complements a wide range of décors
- Controller fits in standard wall box and utilizes existing 120VAC 60Hz wiring to replace a regular switch (when neutral wire is present) for easy "no-new-wires" installation
- 2-way status updates
- Compatible with Decora Plus™ screwless wallplates and Decora wallplates
- Popular Vizia + style push pad blends seamlessly with other devices in the Vizia + collection
- Custom Engraving available for the 2-Button and 4-Button Controllers
- Limited Five-Year Warranty

#### Vizia RF +® 1-Button Scene Controller/Virtual Switch Remote (VRCS1)

- Consistent form factor, excellent ergonomic traits and appealing tactile touch and feel
- Provides remote ON/OFF control of one scene
- Virtual 3-way and multi-location remote ON/OFF control of selected Vizia RF +® switches without the need for traditional 3-way wiring or a dedicated traveler wire
- Green LED illuminates to indicate controlled scene. When acting as a virtual remote, LED will illuminate when the load is OFF
- LED Display options control the length of time they remain lit

#### Vizia RF +® 1-Button Zone Dimming Controller (VRCZ1)

- Provides remote ON/OFF/DIM/BRIGHT control of ONE Vizia RF +® Dimmer
- Virtual 3-way remote dimming control of selected Vizia RF + dimmers without the need for traditional 3-way wiring or a dedicated traveler wire
- DIM/BRIGHT bar allows user to select brightness level when lights are ON or OFF green LED displays brightness level
- Green LED locator illuminates to indicate controlled zone or load is OFF
- LED Display options control the length of time they remain lit

#### Vizia RF +® 4-Button Scene Controller (VRCS4)

- Provides remote ON/OFF/DIM/BRIGHT control of four scenes of selected Vizia RF +® devices
- Integrated infrared (IR) port
- Green LED illuminates when the assigned scene is ACTIVE

#### Vizia RF +® 4-Button Zone Controller (VRCZ4)

- $\bullet \ Provides \ remote \ ON/OFF/DIM/BRIGHT \ control \ of four \ zones/areas \ of \ selected \ Vizia \ RF + @ \ devices \ de$
- Integrated infrared (IR) port
- Green LED illuminates when assigned zone/area is ACTIVE

#### **Combination Controllers**

- Perfect for retrofit applications local control of load and scene or zone capability
- Controller fits in standard wallbox and utilizes 120VAC-240VAC, 50/60Hz wiring
- Local and remote control of two loads in one wallbox (VRCS2)
- Button label kits available for VRCZ4-MR and VRCS4-MR





### Vizia RF +® Wall Controllers

Wall Controllers ® ®					
Description	Rating	Cat. No.	Color		
1-Button Scene Controller/ Virtual Switch Remote	No Load Rating 120VAC-60Hz	VRCS1-1L	Z		
Vizia RF +® 1-Button Zone Controller/ Virtual Dimmer Remote	No Load Rating 120VAC-60Hz	VRCZ1-1L	Z		
Vizia RF +® 4-Button Scene Controller	No Load Rating 120VAC-60Hz	VRCS4-M0	Z		
Vizia RF +® 4-Button Zone Controller	No Load Rating 120VAC-60Hz	VRCZ4-M0	Z		



### Vizia RF +® Combination Controllers

Combination Controllers ® ®					
Description	Rating	Cat. No.	Color		
4-Button Zone Controller with Switch and IR Remote Capability	1800W/1800VA 1/2 HP 120-240VAC 50/60 Hz	VRCZ4-MR	Z		
4-Button Scene Controller with Switch and IR Remote Capability	1800W/1800VA 1/2 HP 120-240VAC 50/60 Hz	VRCS4-MR	Z		
2-Button Scene Controller with Switches	1000W/1000VA 1/4 HP (per switch) 120-240VAC 50/60 Hz	VRCS2-MR	Z		
Vizia RF +® 4-Button Zone Controller	No Load Rating 120VAC-60Hz	VRCZ4-M0	Z		



VRCS4-MR

### Color Change Kits for Vizia RF +® Controllers

Color Change Kits for Vizia RF Controllers ® ®				
Description	Cat. No.	Color		
1-Button Zone Controller/Virtual Dimmer Remote Color Change Kit with LED locator and brightness display for VRCZ1	VPKIT-MD	W, I, T, G, E, B, R		
1-Button Scene Controller/Virtual Switch Remote Color Change Kit with LED locator for VRCS1	VPKIT-MS	W, I, T, G, E, B, R		
4-Button Scene Controller Color Change Kit with LED locator for VRCS4	VPKIT-S4	W, I, T, G, E, B, R		
4-Button Zone Controller Color Change Kit with LED for VRCZ4	VPKIT-Z4	W, I, T, G, E, B, R		
4-Button Scene Controller Label Kit with LED locator for VRCS4	VPSLB-S4	W, I, T, G, E, B, R		
4-Button Zone Controller Label Kit with LED for VRCZ4	VPZLB-Z4	W, I, T, G, E, B, R		
2-Button Scene Controller with Switches Color Change Kit with LED for VRCS2	VRKIT-DS	W, I, T, G, E, B, R		



VRCS2-MR

### Energy Management | Vizia RF +® Wireless Lighting

### Vizia RF +® | Plug-In Modules

#### Features and Benefits

- Green Locator LED
- Limited Five-Year Warranty

#### Vizia RF +® Scene Capable Plug-in Appliance Module (VRP15)

- Supports beaming which is the ability to communicate with battery operated frequently listening nodes (FLiRS) such as door locks and sensors
- Provides 15A-120VAC NEMA 5-15R grounding receptacle for use with a wide variety of lamps and appliances
- Provides manual ON/OFF switching of plug-in load and remote scene and zone control compatibility
- 2-way status
- Protected memory maintains ON/OFF status of loads and during minor power fluctuations

#### Vizia RF +® Scene Capable Plug-in Lamp Dimming Module (VRP03)

- Supports beaming which is the ability to communicate with battery operated frequently listening nodes (FLiRS) such as door locks and sensors
- Provides NEMA polarized 1-15R 2-blade receptacle for use with incandescent lamps
- Load Sensing feature allows lamp to be turned ON manually using the lamp's switch or the integrated ON/OFF button
- Provides manual and remote ON/OFF/ DIM/BRIGHT control of plug-in lamps
- 2-way status
- Provides ON/OFF/DIM/BRIGHT scene and zone control capability
- Protected memory maintains ON/OFF/Brightness level status of connected loads and device ID programming during minor power fluctuations

#### Vizia RF +® Plug-In Serial Interface Module, ASCII to Z-Wave® Interface (VRCOP)

- Supports beaming which is the ability to communicate with battery operated frequently listening nodes (FLiRS) such as door locks and sensors
- Provides RJ11 connector for RS232 or selected HAI® component connection
- $\bullet \ \text{Ability to upgrade with the latest firmware to enhance your Z-Wave} \ \text{network and integration capabilities} \\$
- Two-way communication between related Controller(s) and Module
- Protected memory and device ID programming during minor power fluctuations
- Transient surge protection to IEC Level 4
- ESD protection to IEC 1000 4-2 Level 4 to protect against damage and memory loss due to static discharges
- Includes serial cable
- Z-Wave® compatible

#### Vizia RF +® Scene Capable Receptacle

- LED display option allows the green LED to be turned OFF
- Load sensing option allows a lamp or other device plugged into the controlled side to be turned ON manually using the lamp's integrated ON/OFF button
- Controlled side can be used for wireless ON/OFF control of plugged-in electrical loads, such as lamps, appliances and electronics
- $\bullet \ \mathsf{Non\text{-}controlled} \ \mathsf{side} \ \mathsf{is} \ \mathsf{a} \ \mathsf{tamper\text{-}resistant} \ \mathsf{receptacle} \ \mathsf{that} \ \mathsf{provides} \ \mathsf{constant} \ \mathsf{power}$
- TR symbol on receptacle strap assures that it meets the 2008 NEC® code requirement
- Split Duplex tamper-resistant receptacle





### Vizia RF +® Scene Capable Plug-In Modules

Plug-In Modules ® ®					
Description	Rating	Cat. No.	Color		
Vizia RF +® Scene Capable Plug-In Appliance Module	15A 1800W Incandescent 1800VA Fluorescent 1800W Resistive 1800VA Inductive and 1/2 HP motor loads @ 120VAC-60Hz	VRP15-1L	W		
Vizia RF +® Scene Capable Plug-In Lamp Dimming Module	300W Incandescent @ 120VAC-60Hz	VRP03-1L	W		
Vizia RF +® Plug-In Serial Interface Module, ASCII to Z-Wave® Interface	No Load Rating 120VAC-60Hz	VRCOP-1L	W		
Vizia RF +® Split Duplex TR Receptacle with LED Locator	1800W, 1800VA, 1/2 HP motor loads @: 120VAC-60Hz	VRR15-1L	Z		



VRP15-1L



VRP03-1L



VRR15-1L



"We have great results with your products! Every single customer that has lighting control always wants to buy more and more dimmers. Lighting control has been a huge help in sales. Once we get a few dimmers in place, they always want more!"

Structured Wiring Inc, Cartersville, GA



## Omni-Bus Lighting Network



Popular in domestic commercial operations and a variety of international applications, Omni-Bus controls up to 256 lights, shades, fans, shutters, pumps, and more. Omni-Bus features the benefits of central lighting control with the flexibility of distributed control systems. Modular Omni-Bus components can be located where needed to save wiring and installation costs.



### **The Universal Solution**

The Leviton Omni-Bus Lighting Control Network is the hardwired and wireless lighting solution for 110/220/240V 50-60Hz. Utilizing the worldwide DIN rail standard for mounting, this bus and controller-based management offering will control CFL, LED, electronic low-voltage, Halogen, and incandescent lighting.

### **Omni-Bus Advantages**

The Omni-Bus lighting system fully integrates with Leviton Security & Automation controllers, allowing control of Omni-Bus devices using standard Leviton Security & Automation interfaces or software applications. Power wiring is minimized as controllers can be localized to switches. Switches can be programmed to perform a number of actions. Omni-Bus features free setup software available online. With Omni-Bus there is no need for a third-party solution.

#### **How Omni-Bus Works**

Power modules feed power to dimming or non-dimming switches. Each switch wires up to a DIN rail module. Load Control and other DIN rail modules connect to the Omni-Bus network using standard CAT-5 UTP (Unshielded Twisted Pair) cable between each Omni-Bus device. The Omni-Bus network runs on a low supply voltage (24VDC) and is optically isolated from the mains supply side. Each hardwired switch connects to the Omni-Bus network using CAT-5. The use of splitters allows for a free topology architecture for ease of installation and expandability.







### Energy Management | Omni-Bus Lighting Control

### For ease of reference, Omni-Bus components are labeled using the following four categories:





Load Control Modules

Switch Interfaces



#### Interface Translator DIN Rail Module

117A00-1

The "gateway" of the Omni-Bus system, this device allows Leviton Security & Automation Controllers (Omni LTe, Omni IIe, OmniPro II, Lumina, and Lumina Pro) to interface with an Omni-Bus network. Built in radio receiver for use with wireless switch interfaces 113A00-2, 113A00-4, 113A00-7, 125A00-1, 125A00-2. Features an Ethernet port and serial port.



### Omni-Bus Scene Control DIN Rail Module

126A00-1

Stores up to 32 lighting scenes or moods, controlling up to a total of 256 Omni-Bus load control modules. Each scene can be triggered from up to 8 different Omni-Bus input devices. Also works in conjunction with a Leviton Controller and Omni-Bus Interface Translator for added flexibility and control.



### Power Supply 2.5A DIN Rail Module

123A00-1

This 24VDC 2.5A power supply module provides power to the Omni-Bus network. Required Omni-Bus component.



### Power Supply Interface 2A DIN Rail Module

124A00-1

Used to detect overloading and select cabling errors on the Omni-Bus network. Distributes power from 123A00-1. Detects low voltage power and overloading to Omni-Bus network. Required Omni-Bus component.



### 8-Way Splitter DIN Rail Module

120A00-1

Eight-port splitter used for splitting the network into a star configuration. Required Omni-Bus component.



### Termination Plug

### 122A00-1

Used to terminate the Omni-Bus network. Each network must contain one and only one network Termination Plug. Required Omni-Bus component.



### Jumper Plugs

### 121A00-1

Used to terminate any open ends or open connectors on the Omni-Bus network. Required Omni-Bus component. Available in packs of ten. Not sold individually.



#### RF Transceiver DIN Rail Module

#### 115A00-1

Wireless transceiver for use with wireless switch interfaces 113A00-2, 113A00-4, 113A00-7, 125A00-1, 125A00-2. This added transceiver provides expanded wireless range for the Omni-Bus network.



### DALI Gateway DIN Rail Module

#### 118A00-1

Controls DALI (Digital Addressable Lighting Interface) output devices: On/off switching, dimming, DALI group control, DALI broadcast control, and DALI scene control.



### USB Programming Interface Unit

### 116A00-1

Configure and maintain all user programmable parameters of the Omni-Bus network with a PC. Includes an Omni-Bus PC software license.





### 3-Way Splitter

#### 119A00-1

Expand an Omni-Bus network with this splitter. Used where a T-junction or network split is required.



### Energy Management | Omni-Bus Lighting Control

### For ease of reference, Omni-Bus components are labeled using the following four categories:





Load Control Modules

Switch Interfaces



### Omni-Bus Relay DIN Rail Module

112A00-1

Control up to four general purpose resistive loads:  $2A@230V^{-}$ ,  $2A@110V^{-}$ , 2A@28VDC or general purpose low voltage switching applications (irrigation valves, gates, garage doors, etc.).



#### Omni-Bus Dimmer DIN Rail Module

110A00-1

Controls 220V incandescent, 220V halogen, and low voltage transformers suitable for trailing-edge dimming: 400W@230V~ This product is available for international (non-North American) markets only.



### Omni-Bus Universal Dimmer DIN Rail Module

110A00-2

Advanced dimming circuit controls most lighting loads. Selectable jumper for leading or triling edge dimming. Controls incandescent, halogen, low voltage electronic transformers, low voltage magnetic transformers: 900W@230V~; 600W@110V~. Controls dimmable CFL/LED: 400W@230V~; 300W@110V~



#### Omni-Bus Power Switch DIN Rail Module

111A00-1

Controls resistive/incandescent: 2000W@230V~; 1500W@110V~. Ballast (fluorescent lights): 2000W@230V~; 1500W~110V~. Low voltage transformer: 2000W@230V~; 1500W@110V~. DC resistive: 10A@30VDC.



### Single-Gang Switch Box w/Cover, Metal

95A20-1

Features holes and knockouts for mounting to desired surface. Can accommodate Hi-Fi 2 by Leviton Security & Automation interfaces, Omni-Bus hardwired switches, and UPB™ switches. Includes a metal cover with hardware for mounting to the box.



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### • 6-Channel Universal Switch Interface Module

114A00-1

Connects up to six third-party switches to the Omni-Bus network. Six LED outputs control two-lead bi-color or single color LED indicators for each switch.



• 1-Button, Hardwired, White

113A00-1

1-Button, Wireless, White

113A00-2

Single button hardwired or wireless switch interface. Controls dimmer, power switch, relay, or an input into Leviton Security & Automation controller. LED light indicates operation status. Wireless switch operates with 117A00-1 or 115A00-1.





### 2-Button, Hardwired, White

113A00-3

2-Button, Wireless, White

113A00-4

Two button hardwired or wireless switch interface. Controls dimmer, power switch, relay, or an input into Leviton Security & Automation controller. LED light indicates operation status. Wireless switch operates with 117A00-1 or 115A00-1.





113A00-5

3-Button, Wireless, White

113A00-7

Three button hardwired or wireless switch interface. Controls dimmer, power switch, relay, or an input into Leviton Security & Automation controller. LED light indicates operation status. Wireless switch operates with 117A00-1 or 115A00-1.





### 6-Button, Hardwired, White

113A00-8

Six button hardwired switch interface. Controls dimmer, power switch, relay, or an input into Leviton Security & Automation controller. LED light indicates operation status.



### Energy Management | Omni-Bus Lighting Control



### 3-Button, Hardwired, Brushed Stainless

113A00-6

Three-button hardwired switch interface. Controls dimmer, power switch, relay, or inputs into Leviton Security & Automation controller. LED lights indicate operation status.



### • 6-Button, Hardwired, Brushed Stainless

113A00-9

Six-button hardwired switch interface. Controls dimmer, power switch, relay, or inputs into Leviton Security & Automation controller. LED lights indicate operation status.



### Keyfob Remote Control, 6-Channel

125A00-1

Wireless RF transmitter built into a convenient keyfob. Up to six channels available. Controls dimmer, power switch, relay, or inputs into Leviton Security & Automation controller. Wireless switch operates with 117A00-1 or 115A00-1.



### Keyfob Remote Control, 16-Channel

125A00-2

Wireless RF transmitter built into a convenient keyfob. Up to 16 channels available. Controls dimmer, power switch, relay, or inputs into Leviton Security & Automation controller. Wireless switch operates with 117A00-1 or 115A00-1.



### Omni-Bus Cable Assemblies for Universal Switch Interface Module (12)

114A01-1

Pack of 12 cable assemblies for Omni-Bus Universal Switch Interface Module 114A00-1. 150mm cable assembly used to connect a switch input or LED output of the 114A00-1 to third-party switch. One cable is required for each input or LED output. Cables not sold separately.



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## **Which Lighting Control System Is Best?**

Now that you've seen several different lighting control solutions, how do you determine which is the top choice for your specific installation?

Lighting Control Features/Benefits						
Product	Page#	Ideal For	Voltage	Technology	Advantages	
HLC	42	Single Family Homes	120/240	Universal Powerline Bus (UPB™)	Decora® form factor, works over long distances, affordable	
Vizia RF+	48	Condominiums, Townhomes, Apartments	120	Z-Wave® (900 MHz)	Wireless, Compatible with products from 160 manufacturers	
Omni-Bus	58	High-End Residential, Small Commercial	110/220-240	Low Voltage (Cat 5), Wireless (433MHz)	Flexible installation options, wide array of compatible wall stations	
Lumina RF	70	Commercial, Heavy Duty Residential	120/240	ZigBee® HA Profile (2.4 GHz)	High-power mesh network, simple to configure	





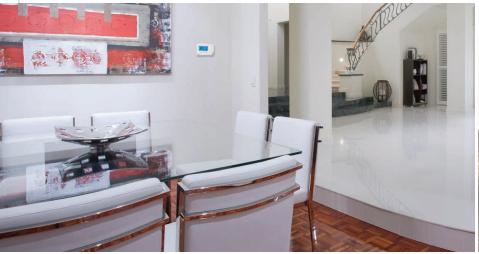






Have more questions? Visit the product pages to learn more at www.leviton.com

# Temperature Control & Monitoring





## **Programmable Communicating Thermostats**

The Omnistat2 programmable communicating thermostat combines Leviton Security & Automation's 20 plus years as a leader in energy management to provide sophisticated and intelligent function in an easy to use wired or wireless device.

Using advanced digital technology, the Omnistatz "learns" heating and cooling patterns and adjusts control to maximize both HVAC efficiency and comfort. Omnistatz can manage electric, gas, geothermal, and radiant heat energy sources. The most cost-effective way to control your energy usage is by managing the heating and cooling system. The Omnistatz automatically adjusts the temperature and saves money!

### A Simple Interface for Ease of Use

Simply turn the scroll wheel to the right or left to adjust the temperature. Three buttons facilitate easy to navigate menus on the large multi-color display. View information such as temperature setpoints, modes, outdoor temperature and humidity, run time by week, and more.

### **Unique Looks to Suit Your Home**

Beyond the three different color options of black, silver, and white, choose from over one hundred customizable backlight colors. Change backlighting from blue to red or green-or any color in between with the turn of the scroll wheel.





<sup>\*</sup>RC1500 available as ZigBee® wireless only.

Omnistat2 Thermostat Conventional & Heat Pump (w/ Aux)

RC-1000(colorcode)

Omnistat2 Thermostat Multi-Stage Heat Pump w/ Humidity Control

RC-2000(colorcode)

White (WH) Black (BL) Silver (SL)



### Temperature Display/Control (TDC)

95A03-1TWH

Easy-to-use controls and OLED display make the control and adjustment of interior comfort settings both simple and beautiful. Remote interface for use with RC2000 (Wired and ZigBee®).



### **Energy Management | Temperature Control Monitoring**



### Thermostat Power Supply Module

30A00-2

Power booster for Omnistat2 thermostats, instructions (may be needed in retrofit applications when "HVAC common" wire is not available). Mounts at furnace/air handler and requires no external power source.



### Omnistat2 Trim Ring

65A18-1

White Omnistat2 backplate used as a cover-up when retrofitting homes with existing thermostats. The Omnistat2 thermostat mounts gently on top, and is easy to install thanks to the properly positioned slots (Omnistat2 thermostat shown but not included).



## Surface Mount Remote Indoor/Outdoor Temp Sensor

23A00-1

Surface indoor/outdoor temperature sensor for Omnistat and Omnistat2 thermostats. Can be used as outdoor sensor for dual-fuel heat pumps.



## Flush Mount Remote Indoor/Outdoor Temp Sensor

23A00-2

For Leviton Security & Automation Omnistat and Omnistat2 thermostats. Can be painted or wallpapered to become virtually invisible.



### Thermostat Isolation Module

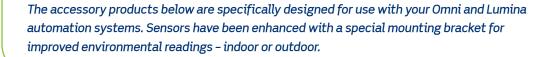
29A00-1

Relay isolation module for Omnistat2 thermostats. Includes mounting clips, instructions (may be needed for HVAC systems using non-standard voltages).



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### **Water Temperature Sensor**

14A00-8

Module, probe, accessories, instructions. Allows you to monitor and activate programs based on water temperature. Can be used for pools, spas, aquatic ponds, fish tanks, greenhouses, etc. Sensing range is 0-120°F.



### Extended Range Indoor/Outdoor Temperature Sensor for Leviton Omni/Lumina Controllers

31A00-7

Sensor from -40° to 120°F, accessory kit, instruction sheet. Allows you to monitor and activate programs based on temperatures. Can be used outdoors, in attics, basements, wine cellars, etc. Must be connected directly to the Leviton controller using a four conductor wire. For enhanced accuracy, it may be calibrated after installation. Includes mounting bracket.



# Extended Range Indoor/Outdoor Temperature & Humidity Sensor for Leviton Security & Automation Omni/Lumina Controllers

31A00-8

Sensor from -40° to 120°F and humidity sensor, accessory kit, instruction sheet. Must be connected directly to the Leviton Security & Automation controller using a four conductor wire. For enhanced accuracy, it may be calibrated after installation. Includes mounting bracket.



### **Residential & Commercial Wireless Devices**



Leviton's powerful wireless Lumina RF products ensure energy savings in new construction and retrofit, controlling lights, lamps, fans, shades, pumps, and third-party window coverings/door locks with an optimum range of 200 feet. Use MicroControl™ as a stand-alone solution, or opt for the ZigBee® Interface Module if incorporating into a Leviton automation system. Leviton Security & Automation adheres to ZigBee® Pro and the standardized Home Automation profile.



### Lumina RF MicroControl™

#### 81A00-2WHZB

### Lumina RF MicroControl™ Companion

81A00-4WHZB

MicroControl functions as an energy management coordinator. Turn energy loads on or off and view instantaneous consumption. Tabletop, bedside, or wall mount this display to control selected Leviton Security & Automation controller, Omnistat2, and Load Control Module functions. Includes two-way RF transceiver and plug-in power supply. The Companion functions as a remote controller for the MicroControl. Multiple Companions can be used-up to the 64 device limit of a MicroControl system. MicroControl devices use ZigBee® wireless communication.



Shown in White (WH) finish Specify color when ordering.

## Omnistat2 Wireless Multistage & Heat Pump w/Humidity Control

RC-2000colorcodeZB

All the features of the RC-2000 Omnistat2, plus uses ZigBee® wireless communication.



#### Lumina RF Universal Thermostat

RC-1500colorcodeZB

Lumina RF universal thermostats provide precise control over the heating, ventilation, & air conditioning (HVAC) system using advanced digital technology that learns the heating/cooling patterns to control the equipment for maximum efficiency and comfort. The Lumina RF communicates with control systems via ZigBee® Home Automation profile and has a high-power radio with a range of over 200 ft.



### Omnistat2 Wireless Single-Stage Conventional & Heat Pump (w/Aux Heat)

RC-1000colorcodeZB

All the features of the RC-1000 Omnistat2 plus uses ZigBee® wireless communication.





### ZigBee® Interface Module (ZIM)

### 81A00-3WHZB

Wireless interface and coordinator for ZigBee® products. Plugs into serial port on Leviton Security & Automation Omni or Lumina family controller and allows control of Leviton Security & Automation Wireless Energy Management Components. Display helps setup and installation of wireless systems. Uses ZigBee® wireless communication. Six foot cable included. Powered by the Leviton Security & Automation Omni controller.



### Lumina RF 15A Plug-in Load Control Module

### 89A00-1ZB

Perfect for appliances, fans, and lamps up to 15A, general purpose. ½ horsepower. 120VAC/6ohz. Uses ZigBee® wireless communication.



### Lumina RF 300W Plug-in Lamp Module

### 88A00-1ZB

Plug-in dimmer controls lamps up to 300W. 120VAC/60hz. Uses ZigBee® wireless communication.



### Lumina RF 30A Wireless Load Control Module

#### 73A00-3ZB

Wireless controls for water heaters, pool pumps, outdoor fountains, lighting, and more. Ultra low stand-by power. Universal 96-250 VAC and 50/60 Hz. Can be used outdoors. Uses ZigBee® wireless communication.





### Lumina RF 5A Wireless Load Control Module

#### 73A00-4ZB

Controls low voltage circuits in outdoor air conditioning units, pool and spa heaters & pumps, generators, and more. Ultra low stand-by power. Universal 96-250VAC and 50/60Hz. Can be used outdoors. Uses ZigBee® wireless communication.



# **Innovations for utility companies** and their customers



Leviton offers a full suite of Home Area Network products including In-Home Displays, Load Control Modules, and Programmable Communicating Thermostats designed to use ZigBee® Smart Energy profile and other RF network technologies for communication. These products are designed for Time of Use, AC Load Management, Peak Time Rebate, and Energy Awareness programs for utility companies interested in smart grid and tailoring load profiles for best use of assets.



## In-Home Display (120/240V) In-Home Display (110V)

### 81A00-1WHSH-EP

### 81A00-1WHSHP

The In-Home Display (IHD) lets utility customers track their energy usage in graph form based upon kwH used. Screens are customizable to provide any type of energy awareness information that a customer may require including total energy consumption. The IHD's internal backup battery notifies homeowners of power outages or remote disconnect. The large graphic energy display can change color as energy prices or events change. It can receive custom real-time messages from the utility company regarding billing, energy prices, and more. The IHD is portable, or can be wall-mounted. Comes with two-way RF transceiver and plug-in power supply. Uses ZigBee® to communicate wirelessly. ZigBee® radios have maximum transmit power of +20 dBm (100 mW) and receive sensitivity of -98 dBm.



### Omnistat2 Multi Stage Universal With Humidity Thermostat

### RC-2000WHSHP

The Omnistat2 Programmable Communicating Thermostat (PCT) allows utilities to combine the display capabilities of an IHD and the load control capabilities of an LCM in one device. For the utility, the Omnistat2 provides reliable control and load shedding for demand response applications that can be customized for specific load profiles. For the consumer, the Omnistat2 has all of the information about usage and price from the utility along with a programmable thermostat that saves money. Uses ZigBee® to communicate wirelessly. ZigBee® radios have maximum transmit power of +20 dBm (100 mW) and receive sensitivity of -98 dBm.



### Omnistat2 Multi Stage Universal Thermostat

### RC-1500WHSHP

Omnistat2 universal thermostats provide precise control over the heating, ventilation, & air conditioning (HVAC) system using advanced digital technology that learns the heating/cooling patterns to control the equipment for maximum efficiency and comfort. The Omnistat2 communicates with smart meters via ZigBee® Smart Energy profile and has a high-power radio with a range of over 200 ft.





## Omnistat2 Single Stage Thermostat

### RC-1000WHSHP

Uses ZigBee® to communicate wirelessly. ZigBee® radios have maximum transmit power of +20 dBm (100 mW) and receive sensitivity of -98 dBm



### 15A Plug-in Load Control Module

### 89A00-1SHP

The Indoor Plug-In LCM serves small appliance and lighting applications and can function as a repeater for ZigBee® systems, extending the range of control for sheddable loads. Wireless controls for water heaters, pool pumps, outdoor fountains, lighting, and more. Uses ZigBee® to communicate wirelessly. For indoor use only.





### 30A Wireless Utility Load Control Module

### 73A00-3SHP

Wireless controls for water heaters, pool pumps, outdoor fountains, lighting, and more. Load Control Modules on air conditioning units include current measuring, which senses the status of the load and allows for measure and display of current consumption. Additional features include very low power consumption and a compact size. Ultra low stand-by power. Universal 96-250 VAC 50/60 Hz. Can be used outdoors. Uses ZigBee® to communicate wirelessly.





### 5A Wireless Utility Load Control Module

### 73A00-4SHP

Controls low voltage circuits in outdoor air conditioning units, pool and spa heaters & pumps, generators, and more. Load Control Modules on air conditioning units include current measuring, which senses the status of the load and allows for measure and display of current consumption. Additional features include very low power consumption and a compact size. Ultra low stand-by power. Universal 96-250 VAC 50/60 Hz. Can be used outdoors. Uses ZigBee® to communicate wirelessly.



# Energy Management | Leviton Series 1000 & 2000 revenue-grade meters





### Series 1000 and 2000 Single Phase Meter Kits Various (See below)

The Leviton line of revenue-grade meters meets all measurement and verification-based opportunities. Designed to provide a simple and effective process for accurately capturing measurements of power consumption. Leviton meters utilize highly accurate current transformers for revenue-grade performance certified to ANSI standards.

Use Series 1000 Meters in commercial, institutional, industrial and government applications for: tenant cost allocation, load profiling and benchmarking, measurement and verification, usage aggregation, energy conservation and cost reduction. The large LCD display shows kWh and optional peak and instantaneous kW with Demand Reset. With the 2000 Series meters, Multiple Meter Unit (MMU) Configurations are possible with 2-4 Medium meters, 5-8 large meters, or 9-16 extra large meters. Additionally, data storage on the 1000 series is last reading, while the 2000 is last reading cumulative.

Leviton offers CTs in solid and split core styles to accommodate all phases of installation and construction. Solid core CTs are ideal for new construction, when power is not live and wires can easily be threaded through the core. Split core CTs can be installed at any time without having to disconnect wire terminations, making them the optimal choice for retrofitting an existing structure.

PART NUMBERS: Series 1000 Single Phase Meter Kits					
VOLTAGE	AMPS	CTS INCLUDED	INDOOR ENCLOSURE LEVITON P/N	OUTDOOR ENCLOSURE LEVITON P/N	
120V 1 PH 2 W	100	1 Split CT	1K120-01W	10120-01W	
	200	1 Split CT	1K120-02W	10120-02W	
	400	1 Split CT	1K120-04W	10120-04W	
	800	1 Split CT	1K120-08W	1K120-08W	
	100	1 SOLID CT	1K120-1SW		
	200	1 SOLID CT	1K120-2SW		
120/208V 1 PH 3 W or	100	2 Split CTs	1K240-01W	10240-01W	
120/240V 1 PH 3 W (Split Phase)	200	2 Split CTs	1K240-02W	10240-02W	
	400	2 Split CTs	1K240-04W	10240-04W	
	800	2 Split CTs	1K240-08W	10240-08W	
	100	2 SOLID CTs	1K240-1SW		
	200	2 SOLID CTs	1K240-2SW		
277V 1 PH 2W	100	1 Split CT	1K277-01W	10277-01W	
	200	1 Split CT	1K277-02W	10277-02W	
	400	1 Split CT	1K277-04W	10277-04W	
	800	1 Split CT	1K277-08W	10277-08W	
	100	1 SOLID CT	1K277-1SW		
	200	1 SOLID CT	1K277-2SW		

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PART NUMBERS: Series 2000 Single Phase Meter Kits				
VOLTAGE	AMPS	CTS INCLUDED	INDOOR ENCLOSURE LEVITON P/N	OUTDOOR ENCLOSURE LEVITON P/N
120/208V 3 PH 4 W WYE kWh Meter	100	3 Split CTs	2K208-01W	20208-01W
	200	3 Split CTs	2K208-02W	20208-02W
	400	3 Split CTs	2K208-04W	20208-04W
	800	3 Split CTs	2K208-08W	20208-08W
	1200	3 Split CTs	2K208-12W	20208-12W
	100	3 SOLID CTs	2K208-1SW	
	200	3 SOLID CTs	2K208-2SW	
120/208V 1 PH 3 W or	100	3 Split CTs	2K480-01W	20480-01W
120/240V 1 PH 3 W (Split Phase)	200	3 Split CTs	2K480-02W	20480-02W
	400	3 Split CTs	2K480-04W	20480-04W
	800	3 Split CTs	2K480-08W	20480-08W
	1200	3 Split CTs	2K480-12W	20480-12W
	100	3 SOLID CTs	2K480-1SW	
	200	3 SOLID CTs	2K480-2SW	
120/208V 3 PH 4 W WYE	100	3 Split CTs	2K208-01D	
Demand Meter	200	3 Split CTs	2K208-02D	
	400	3 Split CTs	2K208-04D	
	800	3 Split CTs	2K208-08D	
	1200	3 Split CTs	2K208-12D	
277/480V 3 PH 4 W WYE	100	3 Split CTs	2K480-01D	
Demand Meter	200	3 Split CTs	2K480-02D	
	400	3 Split CTs	2K480-08D	
	800	3 Split CTs	2K480-08D	
	1200	3 Split CTs	2K480-12D	

"Leviton Security & Automation continues to have the most flexible automation panel on the market and the systems continue to be very reliable."

Mountain Home Technology, Big Sky, Montana

# Energy Management | Leviton Monitoring Hubs and GreenMAX® Relay Control



### **EMB Hub and HubLite**

### Various (See Below)

The Leviton EMB Hub is an intelligent, flexible data acquisition server allowing users to collect energy data from meters and environmental sensors through ModBus protocol. The Leviton EMB HubLite is an intelligent, flexible data acquisition server allowing users to collect energy data from pulse output meters through 4 pulse inputs. Designed to connect to IP-based applications such as enterprise energy management, demand response and smart grid programs, the EMB Hub or HubLite server lets you connect thousands of energy points, benchmark energy usage and reduce energy costs. The EMB Hub and HubLite collect and log data from connected (wired or wireless) devices based on user selected intervals.

Applications	
EMB Hub	HubLite
Measurement and verification (M&V)	Create load profiles for energy purchases
Tenant billing	Utility submetering (electricity, gas, water, etc.)
Reduce energy costs	Measurement and verification (M&V)
Access energy information from local or remote sites	Tenant billing
Benchmark building energy usage	Access energy information from local or remote sites
View "real time" performance data	Benchmark building energy usage
Track energy use and peak demand for Demand Response programs	View "real time" performance data
Monitor performance of critical systems (lighting, HVAC, PDUs, inverters, etc.)	Track energy use and peak demand for Demand Response programs
Alarm notification for data points above or below target levels (including SNMP Traps)	Monitor utility meters for rebate program compliance
Monitor renewable energy performance and production	Alarm notification for data points above or below target levels (including SNMP Traps)
Push or pull meter data to energy dashboards, kiosks and software applications	Push or pull meter data to energy dashboards, kiosks and software applications
LEED / Energy Star certification	LEED / Energy Star certification
CAT. NO	DESCRIPTION
A8810-000	EMB Hub
YBM05-010	Power Brick
A7810-000	EMB HubLite



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### GreenMAX® Relay Control

New for 2013, the GreenMAX Relay Control Panels can now be integrated into a Leviton Omni or Lumina automation system. Integrate the GreenMax with features like temperature control, security and surveillance. Control locally with an OmniTouch 7 and control remotely from a smartphone or tablet. Designed for the contractor, specifier and end user, GreenMAX® Relay Control Panels deliver a robust solution to offer the best performance, reliability, flexibility and energy savings of any relay control system. Featuring an industry leading 25,000A Short Circuit Current Rating (SCCR) design, GreenMAX easily integrates multiple lighting control strategies – switching, dimming, pulse control, behavior controls, scheduling, occupancy sensing and daylight harvesting – in one system. Native BACnet IP allows for a seamless integration with building management systems. Programming is quick and simple with a portable Handheld Display Unit (HDU) allowing for onsite or remote access. The modular design allows total installation flexibility and labor savings as well as easy expansion opportunities.

### Benefits of GreenMAX

- Ultimate energy-saving flexibility with lighting control capabilities, occupancy sensing and daylight harvesting all in one system
- Advanced bi-level switching and dimming controls
- · Easy Behavior controls for scheduling

### Smart Building Management & Integration

- Seamless integration with building management systems through native BACnet IP
- Scalable solutions offer future expansion opportunities
- Meets strict energy code performance requirements
- Smart And Simple Installation AND Manageability
- GreenMAX cabinets and components are shipped separately for ease of installation to meet contractor schedules, lighting demands and help manage cash flow
- Manage lighting systems in one space from a portable Handheld Display Unit no more walking to and from the electrical room
- Programming logic by Behaviors reduces programming time and increases functionality

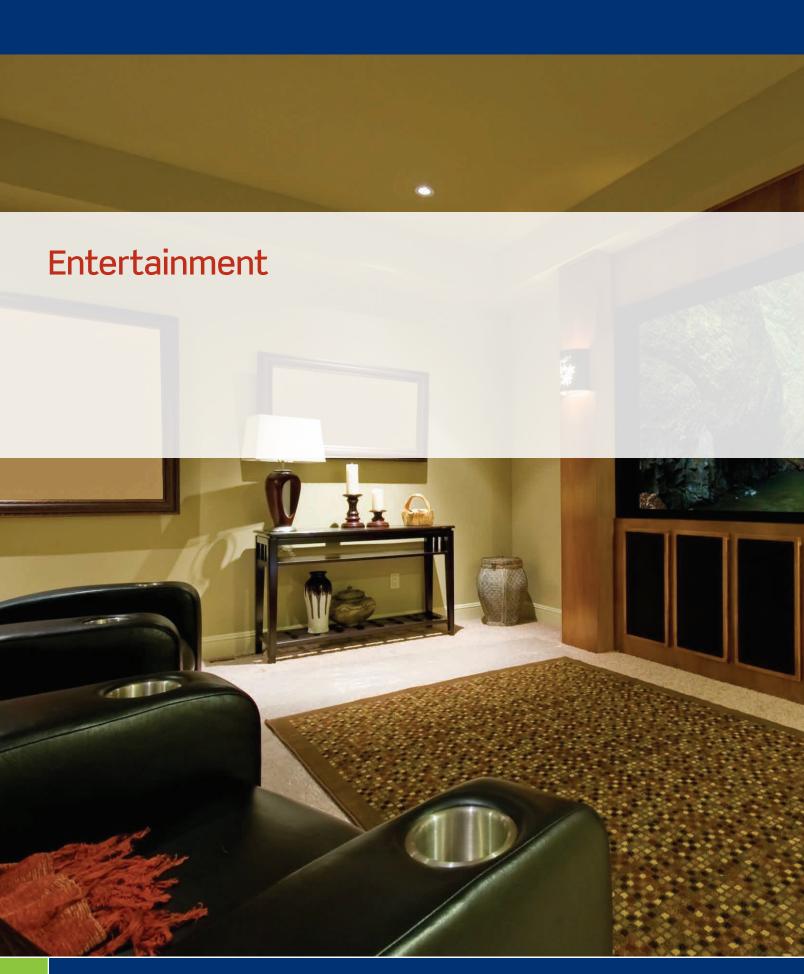
### **Smart Robust Design**

- Industry leading 25,000A Short Circuit Rating (SCCR) at 277VAC for maximum equipment reliability withstands circuit faults for increased safety
- Robust latching Relay Modules are rated 30A general fluorescent ballast and 20A electronic ballast in 1-pole and 2-pole configurations with the same footprint, available with or without the Return to Closed (RTC) functionality
- Native communication network protocols BACnet IP, Ethernet and LumaCAN offer unparalleled connectivity; no additional parts or adapters are needed to communicate with other products utilizing these protocols
- All network connections are made with RJ45 connectors and cabling is standard CAT6
- GreenMAX simplifies the combination of lighting control strategies into Behaviors programmed throughout the day; Behaviors can be set for the entire system or individual rooms/relays



The GreenMax Lighting Control System is individually configured from a broad range of enclosure sizes, functions and capacities.

For more information please visit: **www.leviton.com/greenmax** 



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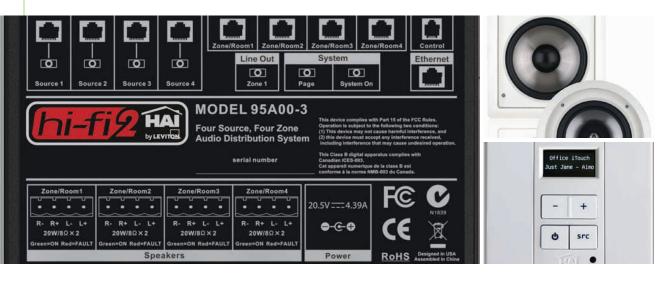


Use Bluetooth® to stream music from a tablet or smartphone to the built-in speakers. Many Leviton entertainment products can be used stand-alone or integrated into a complete control system for increased functionality. Make your A/V equipment more than a convenience, create an enhanced lifestyle experience.



Hi-Fi 2 Distributed Audio Systems
In-Wall and In-Ceiling Speakers
Outdoor and Home Theater Speakers
HAI Dock
Home Theater Extender 2

# Hi-Fi 2 Distributed Audio



The revolutionary Hi-Fi 2 distributed audio systems mount in a structured wiring enclosure for a clean, built-in installation using in-wall and in-ceiling speakers and any audio source you want to share.

Use the free iOS® app to control audio in every room.

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### **Multiple Zones, to Suit Your Property**

Revolutionary Hi-Fi 2 distributed audio systems are available in either 8 source/8 zone systems (expandable to 16 zones) or as a 4 source/4 zone system. Enjoy hard-wired reliability and clarity that's skip-free and not subject to distortion.

Both systems can work stand-alone and can be accessed via the free Hi-Fi 2 iOS® app.

### **Built-In Distributed Audio**

The Hi-Fi 2 amplification is built-in to the main unit, mounted in a Leviton Structured Media Enclosure between the studs for a clean, sleek appearance. The Hi-Fi 2 requires no audio rack or closet full of audio equipment. Simply plug in your audio source or share via Bluetooth®.

The 8x8 version features 50 Watts per zone and mounts full-width in a Leviton Structured Media Center, while the 4x4 version features 40 Watts per zone and fits half-width.

### **Discreet Speaker Installations**

Leviton manufactures speakers that sound fantastic when paired with these audio systems. Choose from in-wall, in-ceiling, or outdoor speakers from Leviton for a truly professional aesthetic and say goodbye to cluttered bookshelf speakers!

### Free Stand-Alone iOS® App

Now, anyone can control their Hi-Fi 2 system via a free iOS® application on their iPad®, iPod® Touch®, or iPhone®. Load the application on as many devices as you like for free. Sitting on the couch and think the audio is too loud upstairs? Simply adjust the volume from your iPad® in the den. Grilling on the patio and want to listen to the big game? Pull out an iPhone® and change the audio source to the living room TV so that you never miss a play!



## Entertainment | Hi-Fi 2 Distributed Audio



## Hi-Fi 2 by Leviton Security & Automation 4 Zone, 4 Source Kit for Structured Wiring Enclosures

95A00-3

The Hi-Fi 24x4 accommodates four sources, which can either be local at the amplifier or remote using a RIM connected to Cat5. 2 RIMS come with the Hi-Fi 24x4 for the most popular remote inputs (home theater, kitchen TV, iPod® dock, den entertainment center). More RIMs are available separately. Includes 4 OLED Display VSCs (Volume Source Control) with digital controls and remote control. Works with optional HAI Dock and Bluetooth® Remote Input Module. This product functions in many world locations with multiple voltage operating capacity. A suitable plug will be supplied, depending on your location, use -4 for UK, -5 for EU and -6 for AU.



# Hi-Fi 2 by Leviton Security & Automation 8 Zone, 8 Source Kit with Enclosure

95A00-1

Includes 8 Inputs and 4 RIMs (Remote Input Module); use all 8 Inputs or 4 Inputs and 4 RIMS or any combination up to a total of 8 Inputs/RIMS. Also includes 8 OLED Display VSCs (Volume Source Control) with digital controls. Expandable to 16 zones using Expansion Amplifier Kit [sold separately]. Works with optional HAI Dock and Bluetooth® Remote Input Module.



## Hi-Fi 2 by Leviton Security & Automation 8 Zone, 8 Source Kit for Structured Wiring Enclosures

95A00-2

Includes 8 Inputs and 4 RIMs (Remote Input Module); use all 8 Inputs or 4 Inputs and 4 RIMS or any combination up to a total of 8 Inputs/RIMS. Also includes 8 OLED Display VSCs (Volume Source Control) with digital controls. Expandable to 16 zones using Expansion Amplifier Kit [sold separately]. Works with optional HAI Dock and Bluetooth® Remote Input Module.



Hi-Fi 2 by Leviton Security & Automation Main Amplifier Assembly with Power Supply

95A01-1

Expandable to 16 zones using Expansion Amplifier Kit [sold separately].

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### Hi-Fi 2 by Leviton Security & Automation 8 Zone Expansion Amplifier Kit with Enclosure

95A12-1

Includes expansion PCA, 8 VSCs, and enclosure. Expands the Hi-Fi 2 to a total of 16 zones. Includes power cord, expansion cable, and two variable outputs. Expansion Amplifier must be mounted no more than six inches (15.24cm) below the Main Amplifier. Compatible with OmniPro II and Lumina Pro controllers only.



## Hi-Fi 2 by Leviton Security & Automation 8 Zone Expansion Amplifier Kit for Structured Wiring Enclosures

95A12-2

Includes expansion PCA on back plate and 8 VSCs. Expands the Hi-Fi 2 to a total of 16 zones. Includes power cord, expansion cable, and two variable outputs. Expansion Amplifier must be mounted no more than six inches (15.24cm) below the Main Amplifier. Compatible with OmniPro II and Lumina Pro controllers only.



# Hi-Fi 2 Expansion Amplifier Assembly w/Power Supply

95A18-1

Includes expansion PCA with power supply and power cord. Expands the Hi-Fi 2 to a total of 16 zones. Expansion Amplifier must be mounted no more than six inches (15.24cm) below the Main Amplifier. Compatible with OmniPro II and Lumina Pro controllers only.



### Hi-Fi 2 Expansion Cable Assembly

95A16-1

24-pin ribbon cable connects the Main Amplifier board to the Expansion Amplifier board. This part is included with 95A12-1 and 95A12-2.



### **Vented Enclosure**

95A09-1

Enclosure for Hi-Fi 2 with vents, door latch mounting plate, hardware kit and instructions. Features knock-outs on top, bottom, and back for multiple installation scenarios.



## Entertainment | Hi-Fi 2 Distributed Audio



# Hi-Fi 2 by Leviton Security & Automation Retractable Cable

95A13-1

3.5mm male to 2 RCA male patch cable. Extends to 4 feet. Use to connect TVs, CD players, home theater and stereo components to Hi-Fi z's RIM.



# Hi-Fi 2 by Leviton Security & Automation Retractable Cable

95A14-1

3.5mm male to 3.5mm male stereo patch cable. Extends to 4 feet. Use to connect MP3 players, iPods<sup>TM</sup>, computers with headphone and/or audio outputs to Hi-Fi 2's RIM.



### Hi-Fi 2 Remote Control

95A05-1

Remote Control for volume and source selection. One included in 95A00-1 and 95A00-2.



### Volume-Source Control (VSC)

95A03-1

Four-button OLED keypad controls volume, power, source, and more. Features IR receiver. White wallplate, VSC Color Change Kits available. Supports foreign language (western characters) and unicode characters.



# VSC Color Change Kits (Case of 12)

95A11-colorcodeCS

Case of 12 wallplates. Specify color code when ordering, White (WH), Almond (AL), Light Almond (LTA), Black (BL), and Ivory (IV).



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### Bluetooth® Remote Input Module

### 95A04-2

Bluetooth® devices can connect and act as music servers for your Hi-Fi 2 distributed audio system. Play music from your device's Pandora, Spotify, Rhapsody, iTunes®, and YouTube playlists. No more learning new interfaces or being held back by localized controls. Now anyone can be the DJ!



# BRIM Color Change Kit (Sold Individually)

### 95A15-colorcode

Single wallplate. Specify color code when ordering, White (WH), Almond (AL), Light Almond (LTA), Black (BL), and Ivory (IV).



### Remote Input Module (RIM)

### 95A04-1

White Remote Audio Input/IR output module. Includes white wallplate. Additional colors are available through RIM Color Change Kits. Features a routed IR emitter jack and a flasher. Control your source equipment from any room that has a Volume-Source Control.





### RIM Color Change Kits (Case of 12)

### 95A10-colorcodeCS

Case of 12 wallplates. Specify color code when ordering, White (WH), Almond (AL), Light Almond (LTA), Black (BL), and Ivory (IV).



# In-Wall/Ceiling JBL® Speakers

JBL studio speakers have a reputation for incorporating the most advanced audio materials, technologies, and precision engineering available. These same features and technologies are built into the Leviton Architectural Edition® Powered by JBL Series audio equipment.

### Features and Benefits

### Leviton Architectural Edition Powered by JBL Wall & Ceiling Speakers

JBL titanium-laminate drivers maintain accuracy and clarity even at frequency extremes

Straight-line Signal Path™ (SSP®) crossover network for minimal signal distortion

Long-excursion woofers with butyl-rubber half-round surrounds and extended pole-piece magnetic structures for maximum bass impact and dynamic range

Low-diffraction, swivel-tweeter mounting system for optimum stereo imaging

Heavy-duty push-type input terminals for long-term connection integrity

Integrated dog-ear mounting brackets (optional rough-in kits available for pre-construction installation in new homes) Acoustically transparent, paintable grills

#### Pre-Construction Kits

Pre-construction kits ensure that speaker locations and wiring are preserved and protected during construction, allowing for a cleaner, faster, and more precise installation during the trim-out stage

Fire Rated Back-Box enclosure meets fire code for MDU and residential installations









Leviton Architectural Edition
HOME ENTERTAINMENT SYSTEMS



Lev	Leviton Architectural Edition Powered by JBL In-Wall and In-Ceiling Speakers		
Desc	cription	Cat. No.	
[A]	Pair of 6.5" Two-Way In-Wall Loudspeakers, 80 watts, 8 ohms	AEI65-000	
[B]	Pair of 8" Two-Way In-Wall Loudspeakers, 100 watts, 8 ohms	AEI80-000	
[C]	Pair of 6.5" Two-Way In-Ceiling Loudspeakers, 80 watts, 8 ohms	AEC65-000	
	Pair of 8" Two-Way In-Ceiling Loudspeakers, 100 watts, 8 ohms	AEC80-000	
[D]	6.5" Two-Channel / Single Location Two-Way In-Ceiling Loudspeakers, two titanium tweeters, dual voice-coil titanium-laminate woofer 50 watts/channel, 8 ohms	AEM65-000	

Pre-Construction Kits	
Description	Cat. No.
6.5" Pre-Construction Speaker Kit for in-wall installations	AEPI6-KIT
8" Pre-Construction Speaker Kit for in-wall installations	AEPI8-KIT
Fire Rated Back-Box Enclosure (Required for 6.5" in-ceiling speakers AEC65, AEM65), (see page U-27 for photo)	AEBC6-000
8" Pre-Construction Speaker Kit for In-Ceiling Speaker	AEPC8-KIT

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# In-Wall/Ceiling Spec-Grade™ Sound Speakers

When the specs call for quality audio, rely on Leviton's award-winning Spec-Grade Sound indoor speaker line for technical innovation and value.

### **Features and Benefits**

### Spec-Grade Sound Speakers

AeroNylon tweeter diaphragm provides crystal-clear treble response and exceptionally accurate tracking of even the most challenging musical transients

Built-in AutoSurge® circuit protection helps prevent speaker damage

Advanced phase/time alignment guide properly aligns sound without misaligning the tweeters

Precision dividing network ensures total audio signal electronic integrity up to the last microsecond before the signal is converted into sound

 $Inert\ mounting\ frame\ with\ "dogleg"\ installation\ points\ eliminates\ any\ transmitted\ vibrations\ that\ could\ alter\ in-wall\ or\ ceiling\ sound\ quality$ 

Acoustically transparent, paintable grills

### **Pre-Construction Kits**

Pre-construction kits ensure that speaker locations and wiring are preserved and protected during construction, allowing for a cleaner, faster, and more precise installation during the trim-out stage

Fire-Rated Back-Box enclosure meets fire code for MDU and residential installations









Des	cription	Cat. No.
[A]	Pair of 6.5" Spec-Grade Two-Way In-Ceiling Loudspeakers, 120 W peak/ 60 W RMS, 8 ohms	SGC65-00W
[B]	Pair of 6.5" Spec-Grade Two-Way In-Wall Loudspeakers, 120 W peak/ 60 W RMS, 8 ohms	SGI65-00W
	Replacement Grill for SGC65	SGC65-GRL
	Replacement Grill for SGI65	SGI65-GRL
	Replacement Grill for SGI80	SGI80-GRL
Pre	Construction Kits	
Des	cription	Cat. No.
	Rough-in Bracket for 6.5" In-Wall Loudspeakers	PCI65-KIT
	Rough-in Bracket for 8" In-Wall Loudspeakers	PCI80-KIT
[C]	Fire-Rated Back-Box Enclosure (Required for 6.5" in-ceiling speakers SGC65)	AFBC6-000

# **Outdoor Speakers**

### Features and Benefits

# Leviton Architectural Edition® Powered by JBL® Outdoor Speakers

Elliptical Oblate Spheroidal™ (EOS) Waveguide technology for high-frequency dispersion

Straight-line Signal Path™ (SSP) crossover networks for minimal signal distortion

5-way binding post input terminals for long-term connection integrity

Mounting brackets included

### Leviton Spec-Grade® Sound Outdoor Utility Two-Way Loudspeakers

5.25" silicate-fiber cone low-frequency transducer with butyl rubber surround

5" poly-dome high-frequency transducer

Element-resistant polypropylene enclosure, gold-plated binding terminals, and aluminum mounting bracket with stainless-steel hardware





Lev	Leviton Architectural Edition Powered by JBL Outdoor Speakers			
Des	Description			
[A]	Pair of Outdoor/All-Weather Two-Way Loudspeakers in Enclosure, 0.75" tweeter, 4" woofer, 150 watts, 8 ohms	AEN24-000		
Lev	Leviton Spec-Grade Sound In-Wall/In-Ceiling Indoor Speakers			
Des	cription	Cat. No.		
[B]	Pair of Outdoor/Utility Two-Way Loudspeakers in Enclosure, 0.5" tweeter, 5.25" woofer, 120 watts, 8 ohms	SG099-00W		
	Replacement Grill for SG099-00W	SG099-GRL		

### Spotlight | Smartphone Convenience, Connected Home Performance



More homeowners are sending music and movies from their smartphones to HDTVs or home entertainment systems over Apple Airplay®, Airport Express®, or Apple TV® devices. Leviton offers wiring diagrams and equipment lists to help you integrate these Apple products with Leviton Structured Media® Systems and speakers.

We'll help you connect the dots to easily share music, videos, and photos on a grand scale.

To learn more, go to leviton.com/connectedhome.



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# **Home Theater Speakers**

### **Features and Benefits**

#### **In-Wall Speakers**

Straight-line Signal Path  $^{\text{IM}}$  (SSP) crossover network for minimal signal distortion

JBL® titanium-laminate drivers, pure titanium tweeter, and polymer-coated aluminum woofers maintain musical accuracy and clarity, even at frequency extremes

Low-diffraction, swivel-tweeter mounting system of optimum stereo imaging

### Shelf-Mount Center Channel Speaker

Straight-line Signal Path (SSP) crossover network for minimal signal distortion

Dual 5" JBL PolyPlas cone woofers

FreeFlow flared port for increased bass response without added port noise

#### Subwoofer

JBL PolyPlas™ woofer for low frequencies

High-efficiency, high-current switching amplifier

Freeflow flared port for increased bass response without added port noise

Built-in technologies allow simple adjustment for room acoustics and personal preference

LFE and line level inputs for maximum connection flexibility

### Surround-Sound Home Cinema System

Includes five 2-way magnetically shielded satellite speakers with 2.5" (63.5 mm) woofer and 0.5" (12.7 m) tweeter; one 8" (200 mm) 100 watt powered subwoofer with LFE and a built-in crossover network, plus five adjustable mounting brackets and subwoofer input RCA cable

Five-channel system can be expanded to 6.1 or 7.1 surround sound with optional satellite speakers









Lev	Leviton Architectural Edition Powered by JBL Home Theater Speakers		
Description			
[A]	Dual 5" Two-Way In-Wall Center Channel Home Theater Loudspeakers, 120 watts, 8 ohms	AEI55-000	
[B]	Dual Channel Two-Way Shelf-Mounted Center Channel Loudspeaker w/ silver grill, 75 watts / 300 watts, 8 ohms	AECCS-VCE	
[C]	Powered 12" Subwoofer w/ amplifier w/ silver grill, 400 watts RMS, 700 watts peak, 8 ohms	AESUB-012	
[D]	Five-Channel Surround-Sound Home Cinema Speaker System w/ 100-watt powered subwoofer and 5 satellite speakers	AEH50-0**	
	System-Matched Satellite Speaker for 6.1 and 7.1 surround sound expansion	AESS5-0**	
	Single-Gang Decorative Satellite Speaker Adapter Wallplate/Bracket	AEPHK-0**	
	Pre-Construction Kit, in-wall center channel shelf for use with AEI55-000	AEPIS-KIT	

<sup>\*\* =</sup> Color: Available in White (WH) or Black (BL)

## Entertainment | Dock and Home Theater Extender 2



HAI Dock, US Wired 96A00-1
HAI Dock, US Wireless 96A00-2
HAI Dock, US Power Supply 96A01-1
HAI Dock, EU Wired 96A00-3
HAI Dock, EU Wireless 96A00-4
HAI Dock, EU Power Supply 96A01-2

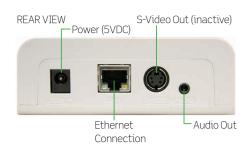
The HAI Dock allows users to access music on an iPod® or iPhone® through IP-enabled devices over a wired or wireless network. When connected to a Hi-Fi 2 distributed audio system, the connected iPod® or iPhone® becomes a source that can be played in any audio zone connected to the Hi-Fi 2.

The Dock is also compatible with Leviton Security & Automation Connectivity Parter audio systems.

The attached iPod®/iPhone® is controlled from either the Volume Source Control or the iOS® app. Metadata (e.g. playlist, genre, artist, album, and track) is sent to IP-enabled devices on the network and displays on Hi-Fi 2 Volume Source Controls.

Send the iPod® control commands including play, pause, stop, next/previous track, rewind, fast forward, next/previous chapter. IP-enabled devices navigate and browse the iPod®/iPhone® music library by playlists, artists, albums, songs, podcasts, genres, composers, and audiobooks.

Compatible with: iPod® Nano (3G, 4G, 5G, 6G), iPod® Classic, iPhone® (1, 3G, 3GS, 4G), iPod® Touch® (1, 2G, 3G, 4G); Also compatible with iPhone® 5, iPad® 4, iPad® mini, iPod® Nano 7, and iPod® Touch® 5 utilizing Apple Lighting to 30-pin Adapter. Power supply included: U.S.: 120VAC, 60Hz, E.U.: 100-240VAC, 50-60Hz, universal.



### With the Hi-Fi 2 Stand-alone

- Enjoy music on iPod $^{\scriptsize \odot}$  in all zones while simultaneously charging its battery.
- See what's playing, pause, previous/next track on a Hi-Fi 2 VSC.





### With an iPod® Touch® or iPad®...

– Control Hi-Fi 2 and HAI Dock remotely from iPod® Touch® or iPad®.





90

### Home Theater Extender 2 (HTX2)

### 86A00-2

The Leviton Security & Automation Home Theater Extender2 (HTX2) lets you extend your control to the audio/video equipment. The HTX2 communicates over Ethernet with an iPhone®, iPod® Touch®, or iPad®. Easily add components with the built-in A/V Library of over 300,000 IR codes or add new codes with the built-in IR Learner.

A free iOS® app for iPhone®/iPad®/iPod® Touch® can be used to control your home theater equipment. Default templates are provided but may be completely customized in the provided Mobile Designer software.

Control of multiple AV systems is easy. Contact closures can even operate window coverings, lights, and home theater components. Multiple HTX2's can be linked together to control dozens of AV components in restaurants or sports bars.

iOS® devices send commands to the HTX2, which in turn controls A/V equipment using its serial ports, IR ports, and relays. The HTX2 includes four IR Flashers (emitters) that attach to the IR Receiver of any A/V equipment you wish to control.

The I/O ports on the HTX2 are used for power sensing for devices without discrete on/off IR commands. Relay ports on the HTX2 can be used to control any device that requires a contact closure, such as motorized screens or blinds.

Easily add audio/video components with the built-in A/V Library of over 300,000 IR codes or add new codes with the IR Learner.

Using a Leviton Security & Automation home control system? Easily tie in your audio/video equipment to your automation activities. With one button push at the end of the night, you can activate your security system, turn off all A/V equipment, and much more.

### IR Flasher 62A08-1

IR Flasher for use with HTX2 and Hi-Fi 2 Remote Input Modules. Attaches to the IR receiver on audio and video components. (Four IR Flashers are included with the HTX2.)



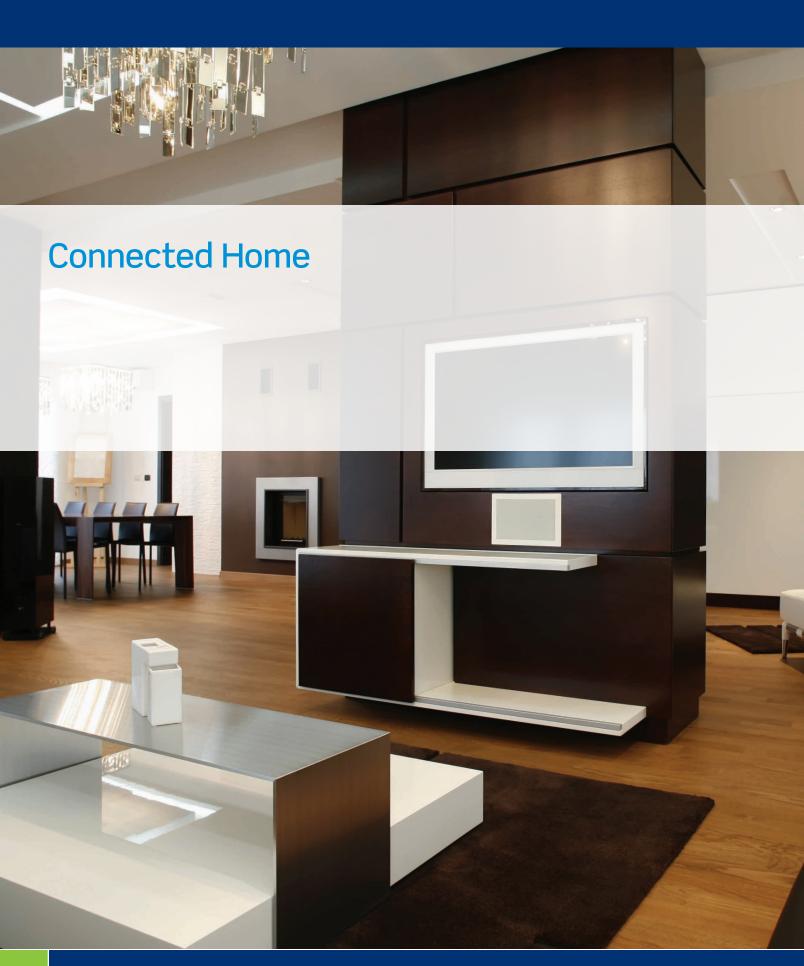






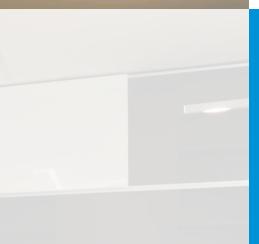






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Leviton Security & Automation makes available a wide range of structured media enclosures, networking devices and audio/video accessories to round out your residential or commercial installations.



96	Structured Media Enclosures
102	Routers and Switches
104	Mounting Brackets
106	Twist and Mount Patch Panels
108	Modules and Expansion Boards
110	Video Distribution and Splitters
112	Renu and QuickPort Wallplates
114	Decora Wallplates and QuickPlates
116	Cheetah Speed System
118	Mobile Device Station,
	Theater and Recessed Receptacles
120	Video Accessories
122	Audio Accessories

# **Connected Home**







Set yourself up for Connected Home high performance with the latest in residential technology: networking, HDTV, media servers, media streaming, VoIP, IPTV, Wi-Fi, gaming, broadband Internet, and the integration of your mobile devices in the home.

Leviton Connected Home solutions provide the ideal backbone support network for tomorrow's technology.

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# **Connected Home**

The Connected Home is a requirement of modern living. Access to music, movies, entertainment, and information has never been easier, and a Leviton Connected Home network makes it possible to make the most of that access – individually or as a group – while being sure to safeguard access and maximize bandwidth performance.

Leviton Connected Home solutions equip both single family homes and multifamily dwellings with enterprise-grade connectivity networks to provide the technologically-integrated homes that today's consumers expect, and that only a wired connection can ensure.

Enclosures provide a distribution point for all of your in-home technologies, from entertainment to security systems. Distribution modules cover data, voice, video, audio, security. QuickPort® wallplates and jacks make it easy to integrate connections like Ethernet, speaker, HDMI, USB, and Mini-Jacks. Leviton Connected Home offers an unparalleled selection of structured wiring, data networking, audio, video, and telephone solutions.



# **Structured Media® Enclosures**

Leviton Structured Media enclosures provide a convenient termination location for wiring home runs from wall outlets, creating a distribution point for voice, data, audio, and video applications. Available in compact, 14", 21", 28", and 42" sizes to address a broad range of capacities for single family homes, MDUs, and light commercial applications, Leviton Structured Media enclosures support new and retrofit installations.

### STRUCTURED MEDIA ENCLOSURES, COVERS, AND DOORS

Enclosures are constructed of white powder-coated 20-gauge steel

Covers and doors are constructed of white powder-coated 18-gauge steel, and feature 3/4" overlap to hide irregular drywall cuts

Modules mount vertically or horizontally

Multiple knock-outs on top and bottom facilitate cable entry and routing

Knock-out in base of enclosure accommodates single- and double-gang J-boxes and power modules

Six 3" self-healing foam grommets included to accommodate and protect cable bundles

Mounting tabs on housing sidewalls prevent enclosure from falling through the studs during installation

Can be surface-mounted or recessed

Combine two or more enclosures for larger installations or future expansion

Optional lock and key set available for additional security

Standards compliance: ACA and cULus Listed

For enclosure configuration assistance, go to leviton.com/homeconfig



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# Structured Media® Enclosures | 14" & 21" - Features and Benefits 14" & 21" Enclosures, Covers & Doors

- Entry-level home network enclosures create a central distribution point for low-voltage cabling
- Ideal for apartments, condos, and smaller homes
- 14" enclosure accommodates basic residential networking systems and accessories
- 21" enclosure provides additional room for larger modules and equipment

### **Compact Structured Media MDU Enclosures**

- Economical solution for MDU connectivity
- Flexibility to accommodate a variety of telephone/video distribution configurations
- Available empty with cover or in two pre-configured kits
- Snap-on cover requires no tools or fasteners
- Molded-in brackets provide quick snap-in convenience for expansion boards
- Angled video-splitter shelf for easy installation
- Hosts three expansion boards and one TV splitter
- Constructed of sturdy white ABS molded plastic
- cULus Listed for communications equipment

14'	STRUCTURED MEDIA ENCLOSURES, COVERS AND DOORS	
Des	cription	Cat. No.
	14" Enclosure and Flush-Mount Cover, 15.32" (389.1 mm) H x 15.62" (396.7 mm) W x 3.83" (97.3 mm) D	47605-140
[A]	14" Enclosure, 14.0" (355.6 mm) H x 14.38" (365.3 mm) W x 3.63" (92.2 mm) D	47605-14E
	14" Multi-Dwelling Unit Configuration A Enclosure and Flush-Mount Cover, 15.32" (389.1 mm) $\rm Hx15.62$ " (396.7 mm) $\rm Wx3.83$ " (97.3 mm) D (see page U-7 for knock-out configurations)	47605-1MG
[B]	14" Flush-Mount Cover, 15.32" (389.1 mm) H x 15.62" (396.7 mm) W x 0.20" (5.1 mm) D	47605-14C
[C]	14" Economy Hinged Door, 15.32" (389.1 mm) H x 15.62" (396.7 mm) W x 0.25" (6.4 mm) D	47605-14D
	14" Premium Hinged Door, 15.32" (389.1 mm) H x 15.62" (396.7 mm) W x 0.25" (6.4 mm) D	47605-14P
	14"  Premium  Vented  Hinged  Door,  15.32"  (389.1  mm)  H x  15.62"  (396.7  mm)  W x  0.25"  (6.4  mm)  D	47605-14S
	14" Enclosure, job packed, 6 per pack, 14.0" (355.6 mm) H x 14.38" (365.3 mm) W x 3.63" (92.2 mm) D	47605-14G
	14" Flush-Mount Cover, job packed, 6 per pack, 15.32" (389.1 mm) H x 15.62" (396.7 mm) W x 0.20" (5.1 mm) D	47605-14B
	Structured Media Enclosure Lock & Key for 14", 21", 28", and 42" hinged doors	5L000-L0K
21"	Structured Media Enclosures, Covers and Doors	
Des	cription	Cat. No.
[D]	21" Enclosure, 21.0" (533.4 mm) H x 14.38" (365.3 mm) W x 3.63" (92.2 mm) D	47605-21E
[E]	21" Flush-Mount Cover, 22.35" (567.7 mm) H x 15.62" (396.7 mm) W x 0.20" (5.1 mm) D	47605-21C
[F]	21" Premium Vented Hinged Door, 22.35" (567.7 mm) H x 15.62" (396.7 mm) W x 0.25" (6.4 mm) D	47605-21S
	Structured Media Enclosure Lock & Key for 14", 21", 28", and 42" hinged doors	5L000-L0K
Coi	npact Structured Media MDU Enclosures	
Des	cription	Cat. No.
[G]	Compact Structured Media Enclosure and Cover, empty, 8.02" (203.7 mm) H x 14.38" (365.2 mm) W x 3.71" (94.2 mm) D	47605-MDU
	Compact Structured Media Enclosure Cover only, 15.375" (390.5 mm) H x 9" (228.6 mm) W x .5" (12.7 mm) D	47605-MDC
[H]	MDU Kit (Compact Structured Media Enclosure and Cover plus 1x6 Telephone Expansion Board), 8.02" (203.7 mm) H x 14.38" (365.2 mm) W x 3.71" (94.2 mm) D	47604-0F6
[I]	MDU Kit (Compact Structured Media Enclosure and Cover plus 1x6 Telephone Expansion Board and 6-Way 1 GHz Splitter), 8.02" (203.7 mm) H x 14.38" (365.2 mm) W x 3.71" (94.2 mm) D	47604-F6S





47605-28P



47605-2BP

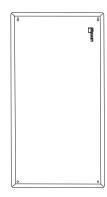
# **Structured Media® Centers**

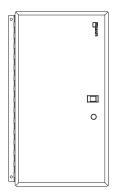
### Leviton 28" & 42" Structured Media Enclosures

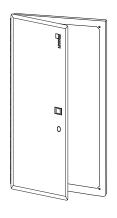
The 28" enclosures can comfortably accommodate up to eight distribution modules, depending on selection and density. The 42" enclosures have generous capacity for up to 12 modules, and can also simultaneously accommodate many diverse functions. In larger homes, many contractors specify multiple Structured Media Center enclosures, sometimes separating coaxial cable-based CATV or Satellite TV equipment from the Cat 5e or Cat 6 UTP-based communications and networking equipment. Leviton's exclusive backplates allows for off-site configuration of components for reduced on-site labor.

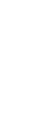
Leviton 28" Structured Media Enclosures & Covers	
Description	Part No.
28" Enclosure and Flush Mount Cover, 29.32" (744.7mm) H x 15.62" (396.7mm) Wx 3.68" (93.5mm) D	47605-28W
28" Enclosure only, 28.0" (711.2mm) H x 14.38" (365.3mm) W x 3.60" (91.4mm) D	47605-28N
28" Multi-Dwelling Unit Configuration A Enclosure and Flush Mount Cover, 29.32" (744.7mm) H x 15.62" (396.7mm) W x 3.68" (93.5mm) D	47605-2MG
28" Multi-Dwelling Unit Configuration B Enclosure only, 28.0" (711.2mm) H x 14.38" (365.3mm) W x 3.60" (91.4mm) D	47605-M28
28" Flush Mount Cover, 29.32" (744.7mm) H x 15.62" (396.7mm) W x 0.20" (5.1mm) D	47605-F28
28" Economy Hinged Cover, 29.32" (744.7mm) H x 15.62" (396.7mm) W x 0.25" (6.4mm) D	47605-28D
28" Premium Hinged Cover, 29.32" (744.7mm) H x 15.62" (396.7mm) W x 0.25" (6.4mm) D	47605-28P
28" Enclosure only, job packed, 3 per pack, 28.0" (711.2mm) H x 14.38" (365.3mm) W x 3.60" (91.4mm) D	47605-28G
28" Flush Mount Cover only job packed, 3 per pack, 29.32" (744.7mm) H x 15.62" (396.7mm) W x 0.20" (5.1mm) D	47605-28B
28" Pre-Fab Back Plate, 25" (635.0mm) H x 13.5" (342.9mm) W x 0.38" (9.65mm) D	47605-2BP

# **Spotlight - Choosing Your Structured Media Center Enclosure Cover or Door**











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Leviton 42" Structured Media Enclosures & Covers	
Description	Part No.
42" Enclosure and Flush Mount Cover, 43.32" (1,100.3mm) H x 15.62" (396.7mm) W x 3.68" (93.5mm) D	47605-42W
42" Enclosure only, 42.16" (1,070.8mm) H x 14.38" (365.3mm) W x 3.60" (91.4mm) D	47605-42N
42" Multi-Dwelling Unit Configuration A Enclosure and Flush Mount Cover, 43.32" (1,100.3mm) H x 15.62" (396.7mm) W x 3.68" (93.5mm) D	47605-4MG
42" Multi-Dwelling Unit Configuration B, Enclosure only, 42.16" (1,070.8) H x 14.38" (365.3mm) W x 3.60" (91.4mm) D	47605-M42
42" Flush Mount Cover, 43.32" (1100.3mm) H x 15.62" (396.7mm) W x 0.20" (5.1mm) D	47605-F42
42" Economy Hinged Cover, 43.32" (1100.3mm) H x 15.62" (396.7mm) W x 0.25" (6.4mm) D	47605-42D
42" Premium Hinged Cover, 43.32" (1100.3mm) H x 15.62" (396.7mm) W x 0.25" (6.4mm) D	47605-42P
42" Pre-Fab Back Plate, 40.0" (1,016.0mm) H x 13.5" (342.9mm) W x 0.38" (9.65mm) D	47605-4BP



### **Specifications & Features**

- Extender Brackets provide additional 2" of depth
- Allows for better cable management and for large modules within the SMC
- Made of sturdy, white powder coated 18 gauge sheet metal
- Louvers enhance ventilation for added protection against heat build up from installed modules

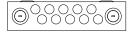
28"& 42" Structured Media Center Extender Bracket Frames & SMC Accessories	
Description	Part No.
Extender Bracket, 2" depth extension package for 28" Structured Media Centers	47612-28B
Extender Bracket, 2" depth extension package for 42" Structured Media Centers	47612-42B
Structured Media Center Lock & Key	5L000-L0K



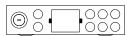
Extender Bracket Frame (SMC sold separately)

# **Spotlight - Structured Media Center Enclosure Options**

MDU Configuration A

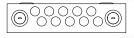


Top



Bottom

MDU Configuration B



Тор



Bottom

Knockout sizes support 1" & 2" commercial conduit.





## **Structured Media® Enclosures**

### **Multi-Bay FTTH Enclosures**

Multi-Bay Enclosures provide excellent termination and mounting locations for both in-home structured wiring and fiber-to-the-home (FTTH) components. Structured wiring components typically mount in the upper section of the dual enclosure and optical network termination (ONT) mounts in the lower section. The dual enclosure can be surface-mounted or mounted between metal or wood wall studs using provided screws.

### **Features and Benefits**

Multi-bay enclosure design allows separate lockable sections for FTTH integration

In a separate bay, a full Leviton structured wiring system can be easily connected and optimized up to gigabit speeds to maximize incoming fiber optic connection

Ideal for new installations or retrofits

Uses multiple covers or doors to provide access and security.

Flush-Mount cover, economy, premium, and premium vented doors available

Mul	Multi-Bay Enclosures		
Desc	ription	Cat. No.	
	14" + 14" Dual Multi-Bay Enclosure, 29.64" (752.8 mm) H x 14.30" (363.2 mm) W x 3.63" (92.2 mm) D	47FTH-440	
[A]	28" + 14" Dual Multi-Bay Enclosure, 46.64" (1,184.6 mm) H x 14.30" (363.2 mm) W x 3.63" (92.2 mm) D r	47FTH-840	
	28" + 14" + 14" Triple Multi-Bay Enclosure, 59.22" (1,504.1 mm) H x 14.30" (363.2 mm) W x 3.63" (92.2 mm) D	47FTH-844	
	42" + 14" Dual Multi-Bay Enclosure, 57.64" (1,464.1 mm) H x 14.30" (363.2 mm) W x 3.63" (92.2 mm) D	47FTH-420	
	14" + 14" + 14" Triple Multi-Bay Enclosure, 45.22" (1,148 mm) H x 14.30" (363.2 mm) W x 3.63" (92.2 mm) D r	47FTH-240	
[B]	28" + 28" Dual Multi-Bay Enclosure, 57.64" (1,464.1 mm) H x 14.30" (363.2 mm) W x 3.63" (92.2 mm) D	47FTH-880	

Note: See pages U-4 to U-7 for covers and doors.

r = Minimum order quantity and lead times may apply.



### **Spotlight | Multi-Bay Enclosure Center Bracket**

The specially engineered Multi-Bay Enclosure Center Bracket provides clearance for multiple enclosure covers, allowing in-suite connectivity to be cleanly integrated, while securing access to individual customer and service provider equipment. With multiple knock-outs for different configurations, the center bracket provides a self-contained housing for electrical receptacles, offering protection from Electromagnetic Interference (EMI) and Radio Frequency Interference (RFI).

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# FTTH Point of Entry Box & Media Versatile Panel

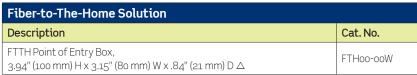
### **FTTH Point of Entry Box**

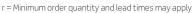
The Fiber-to-the Home (FTTH) Point of Entry Box provides a location to terminate fiber coming from a service provider to pigtails at the subscriber's premises. It's a convenient staging demarcation point with quick and easy access for activation as residents request FTTH service.

### Features and Benefits

Provides convenient staging prior to terminating incoming fiber from service provider Can mount inside the Structured Media enclosure or as a stand-alone unit on a wall Includes magnet for easy installation and place adjustments
Includes an SC/APC adapter with two dust caps and two splice sleeves











### Media Versatile Panel

The Media Versatile Panel was made for custom retrofits and remodeling. Plywood backing and open architecture allow simple, flexible mounting of all components. This sturdy, industrial-grade panel can be surface mounted or recessed in the wall. Optional mounting brackets available for non-standard stud spacing.

### **Features and Benefits**

24" high, 18 gauge steel panel available in black powder coat finish

Eight 1" or 1.5" conduit fittings on top and bottom facilitate cable entry and routing Wall-mount or recess

Ideal for new installations or retrofits

Securable door provides maximum protection from dust and unauthorized entry

3/8" plywood backing allows open architecture for customizing layout and can accommodate a wide variety of Structured Media distribution modules

Media Versatile Panel	
Description	Cat. No.
Media Versatile Panel w/cover, 24" (609.6mm) H x 14" (355.6mm) W x 6" (152.4mm) D	47602-24E
Mounting Brackets, set of four	47602-BKE











# **Routers & Switches**

### **Features and Benefits**

#### 100 Mbps Router

10/100 Mbps data transfer rate

Enables multiple users to share a single, secure high-speed Internet connection

Includes four ports for in-home LAN connections

LEDs indicate power, status, LINK/Activity, 100 Mbps and WAN

Built-in NAT firewall protects networks from outside observation and provides secure communication for network users.

Customizes web access and filters unwanted sites with URL blocking feature

UPnP (universal plug-n-play) allows automatic discovery and configuration of the Gateway; UPnP supported by Windows® XP® or later

### Gigabit Ethernet Switch

10/100/1000 Mbps data transfer rate

Five RJ-45 connector Mbps LAN ports

Power button arrows for easy power down

LEDs indicate power; LINK/Activity; and 10, 100, or 1000 Mbps

Plug-n-play installation

Auto detect uplink to easily cascade additional hubs, switches, and routers from any port

Features high-performance, store-andforward switching architecture with CRC

### 100 Mbps Ethernet Switches

10/100 Mbps data transfer rate

Network additional PCs, printers, and other peripherals beyond router capacity

Connects to many home office Ethernet devices

Available in 5- and 8-port versions

Dat	Data Networking Routers and Switches		
Des	cription	Cat. No.	
[A]	Gigabit 5-Port Ethernet Switch, 2.52" (64 mm) H x 6.50" (165.1 mm) W x 3.54" (89.9 mm) D	47611-5GB	
[B]	100 Mbps 4-Port Internet Router, 2.52" (64 mm) H x 6.50" (165.1 mm) W x 3.54" (89.9 mm) D	47611-GT4	
[C]	100 Mbps 5-Port Ethernet Switch, 2.52" (64 mm) H x 6.50" (165.1 mm) W x 3.54" (89.9 mm) D	47611-5PT	
[D]	100 Mbps 8-Port Ethernet Switch, 2.52" (64 mm) H x 6.50" (165.1 mm) W x 3.54" (89.9 mm) D	47611-8PT	



## **Spotlight | Ultra High Flex Patch Cords**

Leviton's HOME 6® and HOME 5e® Ultra High Flex Patch Cables offer extra flexible connectivity inside or outside a Structured Media® Center enclosure. The low profile cables support CAT 6 and CAT 5e data applications, and are available in a variety of colors for color-coding or organization.





# **Power Supplies & Surge Protection**

### Features and Benefits

#### Surge-Protection, Standard AC Power Modules & J-Box Kits

Fit in standard 14", 21", 28", and 42" Structured Media® Enclosures

Surge-protected versions provide enhanced protection and EMI/RFI filtering per UL 1449 standards

#### DC BUS Module

Eliminates need for more than two bulky AC/DC power adapters

Contains six 12 VDC power outputs at up 1500 mA total

Contains three 24 VDC power outputs at up to 1000 mA total including one F-connector

Output power cables included for all except 24 VDC F-connector connection

### Versatile DC Power Supplies

120 VAC - 60 Hz input

Provides 12 VDC outputs with surge protection at 3.34A total

Includes NEMA 5-15 AC receptacles at 15A total

Eliminates the need for multiple bulky AC/DC power adapters

### AC Surge Modules

Includes six surge-protected NEMA 5-15P receptacles

Allows six AC/DC power adapters to fit easily into Structured Media Enclosures

Powers routers, switches, modems, volume controls, camera hubs, and other Structured Media mounted devices

### Universal Mini DC Power Supplies

90 - 264 VAC - 50/60 Hz input

Provides three 12 VDC outputs with surge protection at 833 mA total

Eliminates the need for multiple bulky AC/DC power adapters

### Universal DC Power Supplies

100 - 240 VAC - 50/60 Hz input

Provides nine 12 VDC outputs with surge protection at 3.34A total

Includes one IEC AC power receptacle

For North American and international use

Eliminates the need for multiple bulky AC/DC power adapters





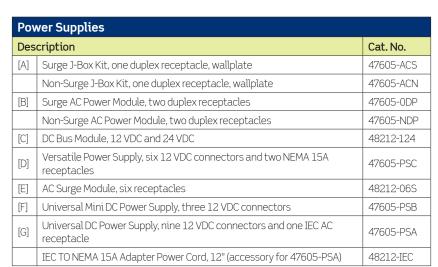














# **Mounting Brackets & Patch Cords**



Mounting Brackets		
Des	cription	Cat. No.
[A]	Single Plastic Bracket, for single expansion board, white	47612-SBK
[B]	Standard (12" width) Expansion Plastic Bracket, for up to five expansion boards, white	47612-EBK
	Shelf Plastic Bracket, for up to three expansion boards and CATV splitter, white (compact width)	47612-VSB
[C]	Compact (6" width) Expansion Plastic Bracket, for up to three expansion boards, white	47612-HBK
[D]	Data Plastic Bracket, for mounting routers and switches	47612-DBK
[E]	12-Port QuickPort Mounting Bracket	47600-QPB

Patch Cords		
Des	cription	Cat. No.
[F]	Home 6 <sup>®</sup> Ultra High-Flex Patch Cord	6HHOM-xx*
	Home 5e® Ultra High-Flex Patch Cord	5HHOM-xx*
	8-Conductor Flat Telephone Patch Cord, 8" long	42400-8FG

xx = Length: 6" (61), 1' (01), 2' (02), 3' (03), or 4' (04)\* = Colors: Choose from any of the colors below.

#### Multimedia Adapter Bracket and Mounting Plates Description Cat. No. Multimedia Adapter Bracket 47612-MMA 5F100-BNC [H]BNC Mounting Plate, 6-pack, loaded 5F100-6VF [I] F-Connector Mounting Plate, 6-pack, loaded QuickPort® Mounting Plate, 6-pack, unloaded 5F100-60P

### **Mounting Brackets**

Made of sturdy white ABS plastic

Include push-lock pins

Snap-in installation in any Leviton 14", 21", 28", or 42" Structured Media® Enclosure

Allow for cable management via routing under bracket

12-port bracket made of black polycarbonate

12-port bracket accepts all QuickPort® connectors

Pat	tch	Cord	ls

Available in CAT 6 and CAT 5e

Low-profile Ultra High-Flex Patch Cords allow tighter radius connections

Available in five lengths and four colors









### Multimedia Adapter Bracket and **Mounting Plates**

Bracket is constructed of white powder-coated steel

Plates are constructed of black powder-coated steel

Bracket includes push-lock pins for mounting in Structured Media Enclosures



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# **Mounting Brackets & Tools**

### **Universal Security & Shelf Brackets**

Universal Shelf Bracket allows security batteries and other active products to be mounted inside any Structured Media® Enclosure

Shelf Bracket includes four 8" long Velcro® Brand strips, ensuring vertical and horizontal stability

Universal Security Board Mounting Plate includes four adhesive clips for mounting within any Leviton Structured Media Enclosure

Combo Bracket allows Leviton products to be installed in most non-Leviton structured wiring enclosures

Universal Mounting Brackets allow an unlimited number of upgrades (limited only by enclosure size) to be added to an existing security system terminated within any Leviton Structured Media Enclosure

 $Universal \ Brackets \ are sold \ in pairs \ with self-tapping \ screws \ and \ spacers \ to \ easily \ connect \ the \ largest \ number \ of \ security \ alarm \ manufacturers' \ panels$ 

Universal Security and Shelf Brackets		
Desc	ription	Cat. No.
[A]	Universal Shelf Bracket	47612-UBK
[B]	Compact (6" width) Universal Security Board Mounting Plate	47612-HSB
[C]	Standard (12" width) Universal Security Board Mounting Plate	47612-FSB
[D]	Combo Bracket	47612-CBK
[E]	Compact (6" width) Universal Mounting Bracket	47612-6SB
[F]	Standard (12" width) Universal Mounting Bracket	47612-1SB

Res	Residential Tools		
Description		Cat. No.	
[G]	Residential Tool Kit includes Punchdown Tool w/ 110 blade, EZ- RJ45® Crimp Tool, two Level Coaxial Cable Strippers, UTP Stripping Tool, Coax and Round Wire Cable Cutter, EZ-RJ45 Connectors, and screwdriver	40812-RTK	
	Wire Punchdown / Termination Tool, blades sold seperately	49553-814	
	110 IDC Blade	49553-110	
	66-Clip Blade	49553-066	
	BIX® Blade	49553-BIX	
	Krone® Blade	49553-KRN	
	Awl (woodscrew starter punch)	49553-AWL	
	Master Compression Tool	40989-CPT	
	UTP Stripping Tool	49660-00P	
	Coaxial Stripping Tool	C5914-000	
	EZ-RJ45 Crimp Tool	40989-ACT	













Residential Accessories		
Desc	ription	Cat. No.
	EZ-RJ45 Connector, 50/pack	47613-EZC
	EZ-RJ45 Connector Display Pack, 10/pack	47613-EZR
	Push-Lock Pins for SMCs, 20/pack	47615-NYL
	Reclosable Tie-Wrap, 5" Length, 25/pack	43105-005
[H]	4X4 Telephone Line Breakout Module	47609-4X4
	Reclosable Tie-Wrap, 8" Length, 25/pack	43108-008
	Reclosable Tie-Wrap, 12" Length, 25/pack	43112-012

# Twist & Mount, TIDP, & Compact Structured Media® Panels

### **Features and Benefits**

#### Twist & Mount Patch Panels

Low-profile, high-density, component-rated patching for both voice and gigabit ethernet connections

Feature simple twist and mount installation

Offered in Cat 6, Cat 5e, and Cat 6/Cat 5e combined configurations

Universal T568A and T568B wiring labels ensure compatibility in both residential and commercial installations

Manufactured from black ABS plastic

Meet or exceed all TIA-568-C.2 bend radius requirements

Available in 12- and 24-port versions

### Telephone Input Distribution Panels (TIDP)

Supports four-line telephone distribution

Offers choice of inputs and outputs: one 4-pair 110-style IDC input, four industry-standard RJ-11 jack inputs for use with "triple play" modems, or 12 modular industry-standard RJ-45 jack outputs

Includes a security jack for interface with security systems

Test and auxiliary disconnect outlet (ADO) ports for isolation and testing of telephone line connections

Includes twelve 8" telephone patch cords











Tw	Twist & Mount Panels and Telephone Distribution Panels		
Des	Description Cat. No		
	Twist & Mount Patch Panel - 12 ports each of CAT 6 and CAT 5e (24 ports total)	476TM-654	
[A]	Twist & Mount Patch Panel - 24 ports of CAT 6	476TM-624	
	Twist & Mount Patch Panel - 24 ports of CAT 5e	476TM-524	
	Twist & Mount Patch Panel - 6 ports each of CAT 6 and CAT 5e (12 ports total)	476TM-652	
	Twist & Mount Patch Panel - 12 ports of CAT 6	476TM-612	
[B]	Twist & Mount Patch Panel - 12 ports of CAT 5e	476TM-512	
[C]	Telephone Input Distribution Panel (TIDP)	476TL-T12	

### **Features and Benefits**

### Pre-configured Compact Structured Media Panels

Compact series (6" width) pre-configured panels are an ideal solution for basic telephone, data, security interface, and TV distribution in MDUs where space and budget are of primary concern

Space-saving profile provides four to nine bridged telephone connections, up to four CAT 5e data connections, and up to eight video connections

Pre-	Pre-Configured Compact Structured Media Panels - Compact Width (6")		
Desc	cription	Cat. No.	
	1x9 Bridged Telephone and 4-way 1 GHz TV Splitter	47603-1G4	
[D]	1x9 Bridged Telephone and 6-way 1 GHz TV Splitter	47603-1G6	
	1x9 Bridged Telephone and 8-way 1 GHz TV Splitter	47603-1G8	
[E]	1x4 Bridged Telephone, 4 Data, and 6-way 1 GHz TV Splitter	47603-DP6	
	1x7 Bridged Telephone, Security Interface, and 6-way 1 GHz TV Splitter	47603-TSV	

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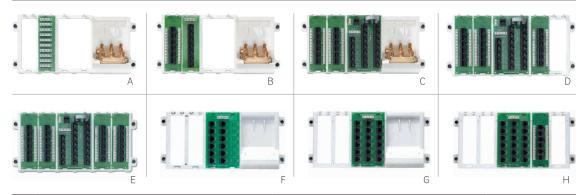




## **Standard Structured Media® Panels**

#### Pre-Configured Standard Structured Media Panels

Standard series (12" width) pre-configured panels combine voice, data, and TV modules into a single, simple distribution point Several pre-configured options are available with room for customization with additional expansion boards



Des	scription	Features	Cat. No.	
[A]	Basic Telephone & Video Panel	One 1x9 Bridged Telephone Board One 6-way 2 GHz TV Splitter	47606-BTV	
[B]	Basic Home Networking Plus Panel	One Telephone Patching Board One CAT 5e Voice & Data Board Six 4-line telephone connections One 6-way 2 GHz TV Splitter	47606-BNP	
	Advanced Home Telephone & Video Panel	One Telephone Line Distribution Board 19 multi-line telephone connections (in various combinations of two or four lines)	47606-AHT	
		One CAT 5e Voice & Data Board One 6-way 2 GHz TV Splitter		
[C]	Advanced Home Office Panel	One Telephone Line Distribution Board 19 multi-line telephone connections (in various combinations of two or four lines	47606-ASO	
		Two CAT 5e Voice & Data Boards One 6-way 2 GHz TV Splitter		
	12-Port Structured Media Panel	- One Telephone Line Distribution Board - 19 multi-line telephone connections (in various combinations of two or four lines) - Two CAT 5e Voice & Data Boards	47603-12P	
[D]	18-Port Structured Media Panel	One Telephone Line Distribution Board 19 multi-line telephone connections (in various combinations of two or four lines)	47603-18P	
[E]	24-Port Structured Media Panel	Three CAT 5e Voice & Data Boards  One Telephone Line Distribution Board 19 multi-line telephone connections (in various combinations of two or four lines)	47603-24P	
F=3		Four CAT 5e Voice & Data Boards	4500045	
[F]	4x12 Telephone Distribution Panel	One 4x12 Telephone Distribution Board	47603-12M	
	4x12 Telephone Distribution Panel w/ Splitter	One 4x12 Telephone Distribution Board One 8-way 2 GHz TV Splitter	47603-412	
[G]	4x18 Telephone Distribution Panel	One 4x18 Telephone Distribution Board	47603-18M	
[H]	4x18 Telephone Distribution Panel w/ CAT 5e Board	One 4x18 Telephone Distribution Board One CAT 5e Voice & Data Board	47603-8C1	



## **Modules & Expansion Boards**

















Mod	Modules				
Desc	Description				
[A]	1x9 Bridged Telephone Module	47689-00B			
[B]	CAT 5e Voice & Data Module	47605-C5B			
[C]	CAT 6 Voice & Data Module	47611-C6B			
	DSL Filter Module	47616-DSB			
	Telephone Security Module	47609-TSV			

Ехр	Expansion Boards					
Des	cription	Application	Features	Cat. No.		
[D]	CAT 5e Voice and Data Board	Data, Telephone, Fax, Modem	Patch phone or data connections to six locations Combine with a TLDM, key system, or network switches 4-pair 110-type IDC punchdowns Six CAT 5e RJ-45 ports Printed circuit board	47603-0C5		
[E]	CAT 6 Voice and Data Board	Data, Telephone, Fax, Modem	TIA-568-C channel-rated for gigabit ethernet  Combine with gigabit internet router or ethernet switch 4-pair  110-type IDC punchdowns and six CAT 6 connectors	47611-0C6		
[F]	VDSL Board w/ 1x5 Bridged Phone w/ Data Passthrough IDCs	Data, Telephone, Modem	Bridge up to four telephone lines to five locations Connect up to five separate telephones per line IDC connectors for CAT 5 or CAT 5e wire Termination point and pass-through for a data connection via IDCs up to 150 MHz	47609-D5P		
[G]	Combo Phone & Data Board w/ 1x4 Bridged Phone and 4-Port CAT 5e	Data, Telephone	Provides data and phone connections on a single board 1x4 phone portion provides four telephone lines to up to four locations via IDC punchdowns  Four ports of CAT 5e 150 MHz data connections via modular RJ-45 connectors and 4-pair 110-type IDC punchdowns	47609-4DP		
[H]	Camera Hub	Video	Injects power for cameras, provides video-out signals for other video equipment in the Structured Media® Enclosure	VSHUB-000		
	Camera Hub w/ IDC Connectors	Video	Injects power for cameras, provides video-out signals for other video equipment in the Structured Media Enclosure Standard 110 IDC terminations or 8P8C jacks for connection to camera UTP cabling	VSHUB-IDC		

#### Spotlight | Panels, Modules, Boards: What's the difference?

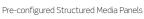
#### Pre-configured Structured Media Panels

include multiple expansion boards combining voice, data, and TV boards into a single distribution point

Modules include an expansion board on a single ABS mounting bracket

Expansion Boards mount in Structured Media Panels or Mounting Brackets (see page U-12)









Expansio Board



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## **Expansion Boards**















Exp	Expansion Boards (Continued)					
Des	cription	Applications	Features	Cat. No.		
[A]	1x9 Bridged Telephone Board	Telephone, Fax, Modem	Bridge up to four telephone lines to nine locations Connect up to nine separate telephones per line Printed circuit board 4-pair 110-type IDC punchdowns	47603-110		
[B]	1x6 Bridged Telephone Board	Telephone, Fax, Modem	Bridge up to four telephone lines to six locations Connect up to six separate telephones per line Printed circuit board IDC connectors for CAT 5 or CAT 5e wire RJ-45 expansion port	47609-0F6		
[C]	1x10 Bridged Telephone Board	Telephone, Fax, Modem	Bridge up to six telephone lines to 10 locations Connect up to 10 separate telephones per line Printed circuit board IDC connectors for CAT 5 or CAT 5e wire Security port Punchdown security interface to accommodate	47609-S10		
			alarm systems			
[D]	1x4 Bridged Telephone Board	Telephone, Fax, Modem	Bridge up to four lines to four locations via IDC punchdowns	47609-004		
[E]	Telephone Patching Board/ Expanded 4-line Telephone Distribution	Telephone, Fax, Modem	Bridge up to four telephone lines to seven locations Printed circuit board module One incoming 4-pair 110-type IDC punchdown Seven outgoing RJ-45 connector connections	47609-EMP		
			Combine with a CAT 5e board to route telephone to remote locations			
			Filters DSL signal from phone line before distribution throughout home or office			
	DSL Filter Board	Telephone, Modem	Eliminates need for individual filters at wallplate Use with any phone distribution module	47616-DSF		
			Printed circuit board module w/ RJ-45 connector and 110-type punchdown			
			19 multi-line telephone connections in combinations of two or four lines			
		T. 1	Bridge "line 1" service to 12 locations and four-line service to eight locations			
	Telephone Line Distribution Board	Telephone, Fax, Modem	Connect to CAT 5e Voice & Data Board(s) or additional panels for more connections and easier moves/adds/changes	47603-TDM		
			Independent RJ-45 connector and punchdown security interface to accommodate alarm systems			
[F]	4x12 Telephone Distribution Board	Telephone, Fax	Bridge up to four telephone lines to 12 locations	47603-12B		
[G]	4x18 Telephone Distribution Board	Telephone, Fax	Bridge up to four telephone lines to 18 locations	47603-18B		



## **Video Distribution & Splitters**

#### Features and Benefits

#### Premium Amplified CATV/HDTV Module

Split and/or amplify signal to one, eight, or 16 TVs throughout

Bi-directional circuitry supports advanced interactive applications, as well as standard TV and video inputs

Forward path internal amplifier provides equal input and output level on all ports; reverse path is not affected

Unity gain eliminates the need to manually adjust attenuation

HDTV and digital cable ready, SCTE- and DOCSIS-compliant

#### Passive CATV/HDTV Splitters

Split signal to four, six, or eight TVs throughout the home Provide digital cable, cable TV, and other TV services via coaxial cable

Lightweight, strong die-cast housing

HDTV and digital cable ready SCTE-compliant

Available with and without Structure Media® Enclosure mounting bracket

#### 3x1 Passive Combiner Module

Digital CATV compatible

Provides bi-directional signal path to support cable modem or digital cable communications

F-ports provide up to 15 psi weather sealing

#### Video Amplifer Module

Boosts strength of off-air antenna signal for video distribution throughout the home or office

Boosts signal strength by up to 25 dB

Features a variable attenuator for signal amplification level setting and an FM trap to eliminate unwanted FM interference

#### Multi-Switch Module

Passive 3x4 Multi-Switch combines signals from digital satellite with off-air antenna onto single coaxial cable

Distributes digital satellite signals to up to four TVs

Incorporates a separate input for TV antenna signals and is best used in combination with a Video Amplifier



Description

Video Amplfier Module

Multi-Switch Module





Premium Modules					
Description 1 GHZ					
[A]	1x1 Premium Video Module	47693-01P			
[B]	1x8 Premium Video Module	47693-08P			
[C]	1x16 Premium Video Module	47693-16P			
[D]	3x1 Passive Combiner	47693-31P			

	CALL ASSIVE COLLIGIES	17 030 011				
Passive Splitters (with and without Mounting Bracket)						
Desc	Description 1 GHZ 2 GHZ					
[E]	1x4 Passive Video Splitter w/ bracket for 14", 21", 28", and 42" SMCs	47690-04C	47690-4C2			
[F]	1x6 Passive Video Splitter w/ bracket for 14", 21", 28", and 42" SMCs	47690-06C	47690-6C2			
[G]	1x8 Passive Video Splitter w/ bracket for 14", 21", 28", and 42" SMCs	47690-08C	47690-8C2			
[H]	1x4 Passive Video Splitter	47690-004	47690-0G4			
[I]	1x6 Passive Video Splitter	47690-006	47690-0G6			
[]]	1x8 Passive Video Splitter	47690-008	47690-0G8			
Vid	eo Amplifier and Multi-Switch Modules					









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Cat. No.

48210-0VA

47691-3MS























Des	scription	Application	Cat. No.
	QuickPort® Home 6 Connector, Tool-Free	Voice & low-speed data	61TLS-R+6
	QuickPort Home 5e Connector, Standard	Voice & low-speed data	5EHOM-R+5
	QuickPort CAT 5 Connector	Voice & low-speed data	41108-R‡5
	QuickPort CAT 3 Connector	Voice & low-speed data	41108-R‡3
[A]	QuickPort GigaMax® 5e CAT 5e Connector	High-speed data	5G108-R‡5
	QuickPort Voice Grade 6-Conductor Connector	Voice	41106-R‡6
	QuickPort Voice Grade 8-Conductor Connector	Voice	41108-R‡8
[B]	QuickPort BNC Bulkhead Module, standard	CCTV & video	41084-B*F
[C]	QuickPort BNC Bulkhead Module, gold plated	CCTV & video	40832-0B°
[D]	QuickPort HDMI Passthrough	TV, DVD, satellite & home theater	40834-00#
	QuickPort S-Video Feedthrough	Enhanced video streams	40734-CV~
[E]	QuickPort USB A-A Connector, feedthrough	Computers & peripherals	40835-00~
[F]	QuickPort 3.5 mm Stereo, screw terminal	Computer audio	40839-S~S
[G]	QuickPort F-Connector, standard, 3.0 GHz	TV, DVD, satellite & home theater	41084-F*F
[H]	QuickPort F-Connector, gold plated, 3.0 GHz	TV, DVD, satellite & home theater	40831-0B°
	QuickPort RCA to 110	Advanced audio & video	40735-Rx+
	QuickPort RCA w/ black stripe	Advanced audio & video	40830-B*E
	QuickPort RCA w/ red stripe	Advanced audio & video	40830-B*R
	QuickPort RCA w/ yellow stripe r	Advanced audio & video	40830-B°Y
	QuickPort RCA w/ green stripe	Advanced audio & video	40830-B~V
	QuickPort RCA w/ blue stripe	Advanced audio & video	40830-B~L
	QuickPort Banana Jack Adapter, gold plated w/ black stripe	Advanced audio	40837-B°E
	QuickPort Banana Jack Adapter, gold plated w/ red stripe	Advanced audio	40837-B°R
[I]	QuickPort Binding Post Adapter, gold plated w/ black stripe	Advanced audio	40833-B°E
[]]	QuickPort Binding Post Adapter, gold plated w/ red stripe	Advanced audio	40833-B°R
	QuickPort Snap-in Blank Module	Secures unused ports	41084-B*B
[K]	QuickPort Compression RCA Connector	Advanced audio & video	40782-R•W
[L]	QuickPort Compression F-Connector (white only)	TV, DVD, satellite & home theater	40782-CPF
[M]	RCA Compression Connector (colored rings included)	CCTV & video	40985-CRU
[N]	Compression F-Connector	CCTV & video	40985-CPF

































<sup>~ =</sup> Color: White (W), Ivory (I)

x = Inner Barrel Color: Orange (O), Red (R), White (W), Yellow (Y)

 $<sup>\</sup>dagger$  = Color: White (W), Light Almond (T), Ivory (I), Grey (G), Black (E)

 $<sup>\</sup>bullet = \text{Inner Barrel Color: Black (E), Yellow (Y), Red (R), Blue (L), Green (V)}$ 

<sup>=</sup> Color: Choose from any of the 13 colors shown at left

 $<sup>\</sup>begin{tabular}{l} $*$ = Color: White (W), Light Almond (T), Ivory (I), Grey (G), Black (E), Brown (B) \end{tabular}$ 

<sup>° =</sup> Color: White (W), Light Almond (T), Ivory (I)

 $<sup>\</sup>label{eq:continuous_equation} \mbox{Yellow (-Y)} \quad \mbox{Orange (-O)} \quad \mbox{Crimson (-C)} \quad \mbox{Dark Red (-R)} \quad \mbox{Purple (-P)} \quad \mbox{Blue (-L)} \quad \mbox{Green (-V)} \quad \mbox{\# = Color: White (W), Light Almond (T), Ivory (I), Black (E) }$ 

## Renu® Wallplates & Inserts

Renu is Leviton's smart electrical and data connectivity screwless wallplate system. These QuickPort® compatible wallplates snap on and off quickly and easily with no tools, simplifying installation and ongoing maintenance. Choose from wallplates and inserts in White On White, Navajo Sand, and Onyx Black.

#### **Features and Benefits**

#### Renu Wallplates & Inserts

Inserts accept all QuickPort connectors

Screwless wallplates easily snap on to any Renu insert or device

Slightly larger size covers wall imperfections

Tongue and groove design simplifies alignment in multi-gang installations

Adapter ring allows use of Decora® device with Renu wallplates

Available in three standard colors to coordinate with the commercial-grade QuickPort line (white, light almond, black) Additional wallplate colors for switches, dimmers, and outlets available; visit leviton.com/renu

cULus Listed













Renu Wallplates and Inserts						
Description		White on White	Navajo Sand	Onyx Black		
[A]	Snap-In Blank Module	RE640-BWW	RE640-BNS	RE640-BOB		
	Four-Gang Wallplate	REWP4-0WW	REWP4-0NS	REWP4-00B		
	Three-Gang Wallplate	REWP3-0WW	REWP3-0NS	REWP3-00B		
[B]	Dual-Gang Wallplate	REWP2-0WW	REWP2-0NS	REWP2-00B		
[C]	Single-Gang Wallplate	REWP1-0WW	REWP1-0NS	REWP1-00B		
[D]	6-Port Insert	RE640-WW6	RE640-NS6	RE640-0B6		
[E]	4-Port Insert	RE640-WW4	RE640-NS4	RE640-0B4		
	3-Port Insert	RE640-WW3	RE640-NS3	RE640-OB3		
[F]	2-Port Insert	RE640-WW2	RE640-NS2	RE640-OB2		
	1-Port Insert	RE640-WW1	RE640-NS1	RE640-OB1		









Renu Wallplate and 2-Port Insert with QuickPort Connectors



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## **QuickPort® Wallplates**

#### **Features and Benefits**

#### QuickPort Flush-Mount & Angled Wallplates

Angled ports relieve stress on equipment cords Manufactured from ABS plastic for superior durability

#### QuickPort Stainless Steel Wallplates

Manufactured from 304 stainless steel in a brushed finish to provide corrosion resistance in a non-magnetic material

Angled wallplate ports facilitate proper front and rear cable bend radius















Des	cription			White	Light Almond	Ivory
	4-Port Wallplate			41081-4WP	41081-4TP	41081-4IP
[A]	2-Port Wallplate			41081-2WP	41081-2TP	41081-2IP
[B]	4-Port Wallplate w/ ID window			42081-4WS	42081-4TS	42081-4IS
	2-Port Wallplate w/ ID window			42081-2WS	42081-2TS	42081-2IS
Qui	ickPort Flush-Mount Wallplates					
Des	cription			White	Light Almond	Ivory
[C]	6-Port Flush Mount			41080-6WP	41080-6TP	41080-6IP
	4-Port Flush Mount			41080-4WP	41080-4TP	41080-4IP
[D]	3-Port Flush Mount			41080-3WP	41080-3TP	41080-3IP
	2-Port Flush Mount			41080-2WP	41080-2TP	41080-2IP
	1-Port Flush Mount			41080-1WP	41080-1TP	41080-1IP
Qui	ickPort Stainless Steel Wallphone I	Plate				
Des	cription			Recessed		Flush
[E, F]	] 1-Port Wallplate			4108W-1SP		4108W-0SF
Qui	ickPort Single-gang Stainless Stee	l Wallplates				
Des	cription	1-Port	2-Port	3-Port	4-Port	6-Port
[G]	Single-Gang Wallplate	43080-151	43080-1S2	43080-1S3	43080-154	43080-156
Qui	ickPort Dual-Gang Stainless Steel \	Wallplates				
Des	cription	2-Port	4-Port	6-Port	8-Port	12-Port
[H]	Dual-Gang Wallplate	43080-252	43080-254	43080-256	43080-258	43080-S12
Qui	ickPort Angled Stainless Steel Wal	lplates with I	D Windows			
Des	cription	Cat. No.				
[I]	4-Port Angled Wallplate, single-gang	43081-1L4				

Midsize plates in plastic and high-impact nylon also available. See page K-7 or call Inside Sales at 800-722-2082.







## Decora® Wallplates & Multimedia Inserts









7	

Decora Single- and Dual-Gang Wallplates						
Description S			Dual-Gang			
[A, B]	Decora, standard size, urea	80401-00*	80409-00*			
	Decora, standard size, nylon	80401-0N*	80409-0N*			
	Decora, standard size, stainless	84401-040	84409-040			
	Decora Plus, standard size, polycarbonate	80301-0S*	80309-0S*			
	Decora, midway, urea	80601-0S*	80609-0S*			
	Decora, midway, nylon	PJ26-00*	PJ262-00*			

<sup>\* =</sup> Colors: Choose from any of the colors below.

Qui	QuickPort® Multimedia Wallplate Inserts						
Des	Description		Light Almond	Ivory			
	6-Port Insert, polybag, standard carton	41646-00W	41646-00T	41646-00I			
	4-Port Insert, polybag, standard carton	41644-00W	41644-00T	41644-00I			
[C]	3-Port Insert, polybag, standard carton	41643-00W	41643-00T	41643-00I			
	2-Port Insert, polybag, standard carton	41642-00W	41642-00T	41642-001			
[D]	1-Port Insert, polybag, standard carton	41641-00W	41641-00T	41641-00I			
[E]	HDMI Decora Insert, feedthrough	41647-00W	_	41647-00I			
	DVI Decora Insert, feedthrough	41648-00W	_	41648-00I			

Wal	lplate Accessories	
Des	Description	
[F]	QuickPort Shutter Kit (50 shutters)	51084-ICN
	White Label Kit	51084-XLB
[G]	Color Label Kit †	51084-CLB
[H]	Wallplate Mounting Brackets, single-gang, bulk polybag pack, 2 brackets per unit, rack pack carton	C0224-000
[I]	Wallplate Mounting Bracket, dual-gang, individual polybag pack, rack pack carton	C0225-OCP

 $<sup>+ = {\</sup>sf Color\,Label\,Kit\,includes\,grey}, \, {\sf orange,\,red,\,yellow,\,green,\,blue,\,purple,\,and\,brown}$ (2 sheets of each color).























Note: 80301 and 80309 are not available in black or brown

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## **QuickPlates®**

#### **Features and Benefits**

QuickPlate Wallplates distribute data, phone and TV connections through a preassembled one-piece design

Rear facing IDC punchdowns and consistent positioning of data and F-connectors reduce ordering problems and eliminate onsite assembly

All QuickPlates have a pleasing matte finish

Robust one-piece wallplate and lead-frame jack design

Rear facing 110 IDC punchdown for voice and data jacks make termination quick and easy

Data port accepts CAT 5e with T568A wiring

Phone port accepts UTP with USOC wiring

F-connector for video applications is an F-81 style bulkhead connector

Includes captive screws painted to match wallplate color

Standard dimensions — 4.61" (117.1mm) H x 2.75" (69.9mm) W x 0.26" (6.5mm) D

Midway dimensions — 4.99" (126.7mm) H 3.13" (79.4mm) W x 0.26" (6.5mm) D

CAT 5e connectors meet or exceed applicable standards; labeled for T568A wiring

Complies with applicable FCC Part 68 requirements

Supports high megabit and shared-sheath applications

F-style bulkhead connectors meet or exceed 10dB of return loss at 1 GHz and are SCTE compliant









Qui	ckPlate		
Description		Standard Size Cat. No.	Midway Size Cat. No.
[A]	One Data	5EA20-S1*	5EA20-M1*
[B]	One Data, One F-Style	5EA20-S2*	5EA20-M2*
[C]	One Data, One Phone, One F-Style	5EA20-S3*	5EA20-M3*
[D]	Two Data, Two F-Style	5EA20-S4*	5EA20-M4*

<sup>\* =</sup> COLORS: CHOOSE FROM ANY OF THE COLORS BELOW.







## **Cheetah Speed System®**

Install attractive phone, data, and video wallplates quickly and easily with the patented Cheetah Speed System. Using a revolutionary speed anchor with a snap and lock system, the Cheetah Speed System reduces installation time by up to 50%, while at the same time offering the elegance and style of screwless wallplates. Decora® inserts in 1-6 ports and wallplates for phone and coax are available in white, ivory, and light almond.

#### Features and Benefits

Patented speed anchor enables devices and wallplates to be installed without screws Self-aligning inserts increase installation speed by up to 50%



Che	eetah Speed System Inserts				
Des	Description White Lt. Almond Ivory		Black		
[A]	3-Port Insert, includes blank insert	5020C-00W	5020C-00T	5020C-00I	5020C-00E
	Decora Insert Coax	CH181-00W	CH181-00T	CH181-00I	CH181-00E
	Decora Insert Telephone	CH149-00W	CH149-00T	CH149-00I	CH149-00E
[B]	Decora Insert Telephone/ Coax Combo	CH159-00W	CH159-00T	CH159-00I	CH159-00E
Che	Cheetah Speed System Boxes and Brackets				
Description		White	Lt. Almond	Ivory	Black
[C]	Single-Gang Non-Metallic Datacom Box, multiples of 50				3005C-C00
[D]	Single-Gang Low-Voltage Datacom Cut-in Bracket, multiples of 50				4007C-C00

 $<sup>\</sup>triangle$  = Minimum order quantity and lead times may apply.

# Spotlight | Cheetah Speed System

Leviton offers a complete line of Cheetah Speed System products including data and audio inserts, dimmers and fan controls, switches, receptacles, and a broad selection of screwless wallplates. The entire system uses the innovative, electrician-developed speed anchor system that enables devices to be installed without screws in a minimum of time.

To learn more, go to leviton.com/cheetah.









Black (-E)

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## **Home Theater & Recessed Receptacles,** & Mobile Device Station

#### **Features and Benefits**

#### Home Theater, Multi-Room & Speaker Wallplates

Designed for easy installation of cables using low-voltage rings and standard low-voltage junction boxes

Home Theater Interface wallplate (AEHTK) accommodates 5.1 to 7.1 channel surround-sound systems, and features RCA connectors for subwoofer connection and two extra QuickPort® openings

Multi-room Audio wallplate (AEMRK) accommodates left and right audio speakers (± connections), and two extra openings for additional QuickPort connectors (e.g., adding a subwoofer or 3.5 mm stereo phone jack)

Speaker wallplate allows for simple, solderless connections to any home entertainment speaker system

#### Recessed Entertainment Box (REB)

Affordable solution manages home theater electronics in a single location

Ideal for new construction (stud-mounted) and retrofit (wallmounted) applications

Low-profile frame provides neat, recessed installation

Optional high-profile cover includes sliding plastic front panels, and channels all wires through the bottom of the unit

#### Recessed Devices - Recessed Single-Gang Receptacle

Fits most standard electrical boxes

Supplies AC power for one or two components (flat panel TVs and video receiver)

cULus approved, code-compliant solution

#### Recessed Dual-Gang Duplex Receptacle with Six QuickPort Openings

Centralizes connection points for AC power, audio, video, data, and phone

Includes plastic electrical box for use in new and retrofit construction

UL approved, code-compliant solution

#### Mobile Device Station

Turns a receptacle outlet into a convenient storage location for smartphones and MP3 players

Installs without creating any new holes in the wall

Available in both Decora® and Renu® styles

Integrated cable management keeps charging cables organized and protected

Requires a Leviton wallplate, sold separately

Ideal with Leviton USB charger/tamper-resistant receptacle



## Home Theater & Recessed Receptacles, **& Mobile Device Station**

Ho	ne Theater and Multi-Room Wallplates	
Des	cription	Cat. No.
[A]	Home Theater Interface Wallplate, 14 gold-plated spring clips, two RCA connectors, two QuickPort® openings	AEHTK-000
[B]	Multi-Room Install Wallplate, two gold-plated spring clips, two QuickPort openings	AEMRK-000
[C]	Single-Gang Single Spring-Clip Device Audio/Video Wallplate, standard size, polymer break resistant, box mount	40951-1P*
[D]	Single-Gang Double Spring-Clip Device Audio/Video Wallplate, standard size, polymer break resistant, box mount	40952-2P*
Red	essed Devices and Entertainment Box	
Description		
	Single-Gang Recessed Single Receptacle 15A-125VAC, 2-Pole, 3-Wire — NEMA 5-15R, includes clock hanger hook	00688-00*
	Single-Gang Recessed Single Receptacle, Non-Magnetic Stainless Steel 15A-125VAC, 2-Pole, 3-Wire — NEMA 5-15R, includes clock hanger hook	05261-0CH
[E]	Single-Gang Recessed Duplex Receptacle 15A-125VAC, 2-Pole, 3-Wire — NEMA 5-15R	00689-00†
	Single-Gang Recessed Single Receptacle, Non-Magnetic Stainless Steel 20A-125VAC, 2-Pole, 3-Wire — NEMA 5-20R, includes clock hanger hook	05361-0CH
[F]	Dual-Gang Recessed Duplex Receptacle and Openings for six QuickPort Modules 15A-125VAC, 2-Pole, 3-Wire — NEMA 5-15R (four blank inserts included)	00690-00*
[G]	Recessed Entertainment Box w/ Low-Profile Frame	47617-REB
	Recessed Entertainment Box w/ High-Profile Cover	47617-RBH
	High-Profile Cover	47617-HPC
	Low-Profile Frame	47617-LPF
_		

<sup>\* =</sup> Color: White (W), Ivory (I)

t = Color: White (W), Lt. Almond (T), Ivory (I), Black (E)







Black (-E)

Replacement Snap-in Plates, 2 per bag

Mol	Mobile Device Station and USB Charger / Receptacle		
Des	Description Cat. No.		
[H]	Decora® Mobile Device Station, White	47112-00W	
	Decora Mobile Device Station, Light Almond	47112-00T	
	Decora Mobile Device Station, Black	47112-00E	
[I]	Renu® Mobile Device Station, White on White	47112-RWW	
	Renu Mobile Device Station, Navajo Sand	47112-RNS	
	Renu Mobile Device Station, Onyx Black	47112-ROB	
[3]	USB Charger/Tamper-Resistent Receptacle	T5630-00W	

47617-PLT









White (-W) Light Almond Ivory (-I)

Black (-E)

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RG	6 Coax Cable, Gold Plated	
Des	cription	Cat. No.
[A]	RG6 Coax Cable, gold plated	C6851-xx*
	Colors: Choose from any of the colors below.	
RG	6 Coax Cable, Nickel	
Des	cription	Cat. No.
[B]	RG6 Coax Cable, nickel	C6851-xx*
	ELength: 3' (03), 6' (06), 12' (12), 25' (25), 50' (50) or 100' (0C). Colors: Choose from any of the colors below.	
Tw	o-Way Splitter   One 75 Ohm Input to Two 75 Ohm Outputs	
Des	cription	Cat. No.
	Two-Way Splitter, carded unit pack	C5002-000
[C]	Two-Way Splitter, gold plated, carded unit pack	C5002-0G0
	Two-Way Splitter, gold plated, individual polybag pack	40987-002
Thi	ree-Way Splitter   One 75 Ohm Input to Three 75 Ohm Outputs	
Des	cription	Cat. No.
	Three-Way Splitter, carded unit pack	C5003-000
[D]	Three-Way Splitter, gold plated, individual polybag pack	40987-003
Fou	ır-Way Splitter   One 75 Ohm Input to Four 75 Ohm Outputs	
Des	cription	Cat. No.
[E]	Four-Way Splitter, carded unit pack	C5004-000
	Four-Way Splitter, gold plated, carded unit pack	C5004-0G0
	Four-Way Splitter, gold plated, individual polybag pack	40987-004
75	Ohm Termination Cap for F-Connector Jacks	
Des	cription	Cat. No.
[F]	75 Ohm Termination Cap, 25 per polybag pack	40984-000

## **Video Accessories**



Coi	Connects a 75 Ohm female jack to RCA plug connection   RCA to F-Type Video Adapter		
Des	cription	Cat. No.	
[A]	RCA to F-Type Video Adapter, carded unit pack	C5205-000	
Coi	nverts 75 Ohm twist-on connection to 75 push-on connection   75 Ohm Push-Or	Connector	
Des	cription	Cat. No.	
[B]	75 Ohm Push-On Connector, 2 per carded unit pack	C5235-000	
	75 Ohm Push-On Connector, gold plated, 2 per carded unit pack	C5235-0G0	
Do	uble female F-connector for joining two cables together   75 Ohm In-Line Cable	Connector	
Des	cription	Cat. No.	
[C]	75 Ohm In-Line Cable Connector, 100 per bulk polybag	40986-000*	
*No	te: Retainer nut for wallplate mounting not provided.		
Coi	nverts 75 Ohm incoming signal into 300 Ohm   Indoor Matching Transformer		
Des	cription	Cat. No.	
[D]	Indoor Matching Transformer, carded unit pack	C5052-000	
	Indoor Matching Transformer, gold plated, carded unit pack	C5052-0G0	
Ter	minates 75 Ohm w/ Crimp-on male F-Connector   1-Piece and 2-Piece Crimp-on F	-Connectors	
Des	cription	Cat. No.	
[E]	One-Piece Crimp-On F-Connector for RG6Quad Shiled Bulk polybag order in increments of 100, nickel plated	40985-0Q6	
[F]	One-Piece Crimp-on F-Connector for RG59 Bulk polybag order in increments of 100, nickel plated 2 per carded unit pack, nickel plated 2 per carded unit pack, gold plated	40985-1P9 C5307-000 C5307-0G0	
[G]	One-Piece Crimp-on F-Connector for RG6 Bulk polybag order in increments of 100, nickel plated	40985-1P6	
[H]	Two-Piece Crimp-on F-Connector for RG59 Bulk polybag order in increments of 100, nickel plated 2 per carded unit pack, nickel plated 2 per carded unit pack, gold plated	40985-2P9 C5009-000 C5009-0G0	
[I]	Two-Piece Crimp-on F-Connector for RG6 Bulk polybag order in increments of 100, nickel plated 2 per carded unit pack, nickel plated 2 per carded unit pack, gold plated	40985-2P6 C5007-000 C5007-00G	

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	verts 300 Ohm incoming signal into 75 Ohm. Includes waterproof slip-on boot. door Matching Transformer		
Des	Description		
[A]	Outdoor Matching Transformer, carded unit pack	C5053-000	
	75 Ohm incoming signals into one 75 Ohm output. A/B switch selects nal to be viewed. 75 Ohm A/B Switch		
Description			
[B]	75 Ohm A/B Switch, carded unit pack	C5101-000	
6' S	tereo Dubbing Cable		
Des	cription	Cat. No.	
[C]	6' Stereo Dubbing Cable, carded unit pack High quality wire and extra shielding. Cables and adapters needed to connect two VHS VCR's.	C5822-000	
[D]	6' Stereo Dubbing Cable, gold plated, carded unit pack Molded gold plated RCA plugs with strain-relief.	C5856-0G0	
6' S	6' S-Video Cable		
Description			
[E]	6' S-Video Cable, carded unit pack	C5853-006	









	Connects one antenna/cable TV input and one DSS® 2.1 gHz input, to one combined output. DSS 75 Ohm and 2.0 gHz Combiner with DC Blocking		
Description			
[F]	DSS 75 Ohm and 2.0 gHz Combiner with DC Blocking, gold plated, carded unit pack	40856-DSS	
Pro	Provides 12 dB in-line signal amplification.   DSS Signal Amplifier		
Des	Description Cat. No.		
[G]	DSS Signal Amplifier, gold plated, carded unit pack	40866-DSS	
DSS	DSS 2- and 4-Way Splitter		
Des	Description Cat. No.		
[H]	DSS 2-Way Splitter, gold plated, carded unit pack, connects one input to two outputs. All ports 2.1 gHz.	40867-DSS	
[I]	DSS 4-Way Splitter, gold plated, carded unit pack, connects one input to four outputs. All ports 2.1 gHz.	40868-DSS	

## **Audio Accessories**



Des	cription	Cat. No.
[A]	RCA Y Adapter, carded unit pack	C5405-000
Yel	low, white, red and black plugs on both ends   RCA Patch Cable - 4 RCA Plugs to 4 RC	A Plugs
Des	Description	
[B]	Black Cable with Color-Coded Plugs (Y-W-R-B), carded unit pack	C5454-003
ΑW	G Speaker Wires	
Des	cription	Clear
[C]	18/2 AWG Speaker Wire, 25', sleeve unit pack	X3301-25C
	18/2 AWG Speaker Wire, 100', sleeve unit pack	X3301-100
	18/2 AWG Speaker Wire, 250', spool unit pack	W5212-250
[D]	14/2 AWG Speaker Wire, 50', sleeve unit pack	X3324-50C
	14/2 AWG Speaker Wire, 100', sleeve unit pack	X3324-100

"When installing into a new home or existing structure we are as confident as one can be with the products and reliability. Thanks to Leviton Security & Automation, I can say that our installations and customer harmony are definitely top of the line."

Tangora Technologies, Delmar, NY







Converts 75 Ohm twist-on connection to 75 push-on connection. 75 Ohm Push-On Connector	
Description	Cat. No.
75 Ohm Push-On Connector, 2 per carded unit pack	C5235-000
75 Ohm Push-On Connector, gold plated, 2 per carded unit pack	C5235-0G0

Double female F-connector for joining two cables together. 75 Ohm In-Line Cable Connector	
Description	Cat. No.
75 Ohm In-Line Cable Connector, 100 per bulk polybag	40986-000*

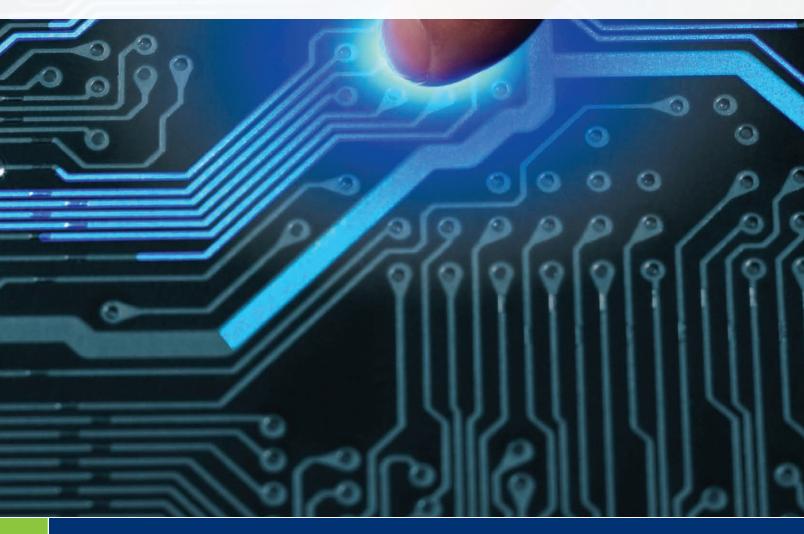
<sup>\*</sup>Note: Retainer nut for wallplate mounting not provided.

Converts 75 Ohm incoming signal into 300 Ohm. Indoor Matching Transformer	
Description	Cat. No.
Indoor Matching Transformer, carded unit pack	C5052-000
Indoor Matching Transformer, gold plated, carded unit pack	C5052-0G0

Terminates 75 Ohm w/ Crimp-on male F-Connector 1-Piece and 2-Piece Crimp-on F-Connectors	
Description	Cat. No.
One-Piece Crimp-On F-Connector for RG6Quad Shiled Bulk polybag order in increments of 100, nickel plated	40985-0Q6
(A) One-Piece Crimp-on F-Connector for RG59 Bulk polybag order in increments of 100, nickel plated 2 per carded unit pack, nickel plated 2 per carded unit pack, gold plated	40985-1P9 C5307-000 C5307-0G0
(B) One-Piece Crimp-on F-Connector for RG6 Bulk polybag order in increments of 100, nickel plated	40985-1P6
(C) Two-Piece Crimp-on F-Connector for RG59 Bulk polybag order in increments of 100, nickel plated 2 per carded unit pack, nickel plated 2 per carded unit pack, gold plated	40985-2P9 C5009-000 C5009-0G0
(D) Two-Piece Crimp-on F-Connector for RG6 Bulk polybag order in increments of 100, nickel plated 2 per carded unit pack, nickel plated 2 per carded unit pack, gold plated	40985-2P6 C5007-000 C5007-00G



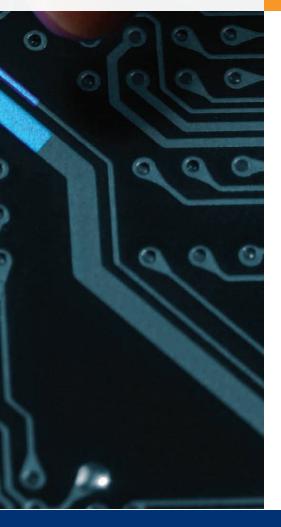
**Leviton Security & Automation Support** 



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Leviton Security & Automation takes pride in our award-winning support programs, giving property owners and installing dealers the necessary tools for successful installations.



L <b>26</b>	Connectivity Partners
L <b>28</b>	Developer Support
L <b>28</b>	Listed Dealers and Five Star Program
L <b>28</b>	Installation Resources
L <b>29</b>	Marketing Materials
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L33	Demonstration Cases

## **Connectivity Partners Expanding Automation**

Leviton Security & Automation continues to develop relationships with other manufacturers in the industry to integrate our products with theirs. These efforts provide flexibility to add and upgrade products as desired.



Black & Decker www.bdhii.com

Yale Real Living www.YaleResidential.com

#### **Audio & Video**

AMX

www.amx.com

Atlona www.atlona.com

Audio Authority www.audioauthority.com

Autonomic Controls www.autonomichome.com

AVocation www.avocationsystems.com

Crestron www.crestron.com

Elan www.elanhomesystems.com

www.nuvotechnologies.com

Philips www.pronto.philips.com

Proficient Audio Systems www.proficientaudio.com

Rave

www.ravetechnology.com

Russound www.russound.com

SpeakerCraft www.speakercraft.com

Vivotek www.vivotek.com

Xantech www.xantech.com

Zektor www.zektor.com

### **Design Tools & Services**

D-Tools www.d-tools.com

GUI Ja Board www.guijaboard.com

InfuseboX www.infusebox.com

Mobile Technology mrgolden@earthlink.net

Only One Remote www.onlyoneremote.com

#### **HVAC**

Coolmaster www.coolautomation.com

#### **Interfaces**

2N

www.2n.cz/en

AMX

www.amx.com

Borg Displays www.borgdisplays.com

Charmed Quark Systems www.charmedquark.com

Connected Hearth www.connectedhearth.com

HAI4U www.HAI4U.com

HomeLogic www.homelogic.com

HomeSeer www.homeseer.com

ili Limited www.ili.co.nz





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"When it comes to automation, Leviton Security & Automation products provide the greatest range of flexibility, integration and customization available in the market."

Smart Homes Australia - Oakden, South Australia

Myro Control www.meetmyro.com

Nullriver www.nullriver.com

Omnipotence Software www.omnipotencesoftware.com

Total Control www.totalcontrolapp.com

Universal Remote Control www.universalremote.com

#### Irrigation

GreenField Direct www.greenfielddirect.com

WGL & Associates www.wgldesigns.com

### Lighting (110VAC)

CentraLite www.centralite.com

Clipsal www.clipsal.com

Lightolier Controls www.lolcontrols.com

LiteTouch www.litetouch.com

Lutron www.lutron.com PCS

www.pcslighting.com

Smarthome Mfg www.smarthomemfg.com

Stewart Electronics www.stuartelectronics.com

## **Lighting** (220/230/240VAC)

CentraLite www.centralite.com

Clipsal www.clipsal.com

Futurehome.gr www.futurehome.gr

KNX® www.knx.org

Eloka www.eloka.net

Lutron www.lutron.com

Philips Dynalite www.lighting.philips.com

PLLC www.pllc.com.au

#### Security

DSC

www.dsc.com

Cartell

www.cartell.com

iON Security www.ion-digital.com

Luxul Wireless www.luxulwireless.com

#### **Telecom**

NEC

www.necdsx.com

VoIPAlarm.com www.VoIPAlarm.com

## **Window Coverings**

Lutron www.lutron.com

SOMFY www.somfysystems.com





## Unparalleled support: Leviton Security & Automation provides Dealers and Distributors a wealth of proven tools for success.

#### **Downloads**

Download all product materials including owners manuals, installation manuals, product technical sheets, and quick start guides. Also available for download are all marketing literature, integration notes for Connectivity Partner products, and return authorization forms.

#### **Updates from Leviton Security & Automation**

Dealers and Distributors each receive monthly newsletters, which bundle all of the month's notable information, including upcoming trade shows, new product releases, training dates, technical support, and press releases.

Technical Advisories are important alerts regarding installation issues, and Technical Bulletins are important alerts regarding product issues.



Leviton's Knowledge Base includes documents formulated by Leviton Security & Automation's Technical Support team. Leviton Security & Automation's Online Forums also allow open sharing of ideas, applications, and setups.

#### **Five Star Dealers**

Every year, Leviton Security & Automation searches for and rewards exemplary installing dealers that go above and beyond with their services and product knowledge. These dealers are listed on the 'How to Buy' section of the Leviton website. They receive sales leads, direct access to free literature, and are offered monthly product promotions. Their valuable input during the application process helps shape product development, marketing material creation and overall business operations.

"Leviton Security & Automation products have been a stalwart in our company since I founded it in 2002. The products are reliable, robust, and the support is outstanding. We enjoy using Leviton Security & Automation and count on it in every new install."

Boca Theater & Automation, Inc, Boca Raton, Florida





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#### Sales leads

Leviton Security & Automation provides Five Star Dealers valuable sales leads for their area

#### Program and adjust from anywhere in the world

Dealers and Distributors can download Leviton Security & Automation's Omni-Link serial protocol or Pro-Link protocol documents to learn how to create an application that communicates with a Leviton Security & Automation controller via a serial port. Omni-Link II and Omni-Link protocol supports Ethernet applications utilizing Internet protocols. For applications that communicate with an Ethernet port, Dealers and Distributors can download an API Kit.

The Application Directory is an invaluable document containing a host of applications and programs for PC Access. It also contains helpful information on troubleshooting and programming conventions.

#### **Marketing materials**

Leviton Security & Automation offers printed literature that can be ordered for FREE to use as informational sales material for end users. The following pieces are currently available:

- What is Home Automation? Handout
- Learn About Home Automation Booklet
- Building Management Booklet
- Leviton Security & Automation 2013 Product Guide

Dealers can order the Model Home Support Kit (part #SA-23) through regular distribution channels. This kit includes discreet wall displays to articulate the benefits of a Leviton Security & Automation automated home and a pair of attractive Leviton Security & Automation yard signs. Also included is a supply of the newest What is Home Automation? handout which introduces the concept of home automation to end users.

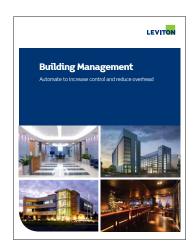
Leviton Security & Automation Yard Signs (part #SA-30) and Leviton Security & Automation Window Decals (part #SA-31) are also available. The Leviton e-store is your source for repair and replacement parts, as well as Leviton Security & Automation firmware upgrades.

#### **Case Studies**

Leviton Security & Automation will promote your installations by featuring projects on leviton.com. We will also create a professional PDF for your marketing purposes. Email SAMarketing@leviton.com with a synopsis of a unique installation.











# The resources software developers need to interface with the best in security & automation.

The Leviton Security & Automation Developer Support Program was created for software developers who want to generate software that works with Leviton Security & Automation products.

To join the Leviton Security & Automation Developer Support Program, complete an application for approval by Leviton Security & Automation. Every Developer Support application will be processed by Leviton Security & Automation's Director of Technical Services within two business days.

Once approved, the software developer will have access to the following resources:

- Programming protocols, SDK, documentation, and examples
- A forum for developers to share experiences or ask questions
- Dealer level access to Leviton Security & Automation's Knowledge Base
- All Leviton Security & Automation manuals, including installation manuals
- High-resolution versions of Leviton Security & Automation logos and product images

### Leviton EZ-Learn provides online resources 24-7

Leviton EZ-Learn weaves together all of Leviton Security & Automation's many online resources including demonstration videos, recorded webinar presentations and more. All information is laid out in courses and categorized by product type.





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#### **Factory Training**

Factory Training is a two-day event at Leviton Security & Automation's headquarters, located in New Orleans, Louisiana. Choose from Factory 201: Installation & Programming or Factory 301: Automation Studio. Detailed installation and system programming instruction is provided. Attendees work hands-on with an automation system and computer to install and set up a Leviton Security & Automation system. There is a fee for both classes. Seating is limited.



#### **Free Classroom Training**

Leviton Security & Automation offers FREE classroom training that may be directly sponsored by Leviton Security & Automation, or by a Leviton Security & Automation Wholesale Distribution Partner. All Leviton Security & Automation classes have the benefit of a Leviton Security & Automation employee instructor.



#### Classes include:

- Leviton Security & Automation Installation Training
- Leviton Security & Automation New Products
- Hands On Training
- Hi-Fi 2 by Leviton Security & Automation
- Introduction to Home Automation Automation 101
- Leviton Security & Automation Application Programming
- Whole House Lighting Control & Home Automation
- Designing a Home Automation System

### **Online Training Videos & Presentations**

Training and demonstration videos are available to Dealers and Distributors. Additionally, Leviton Security & Automation offers webinars that provide the same training that is available in its Free Classroom Training.

**International Training** 

Visit www.leviton.com.often.for.classes.scheduled.in.various.countries. around the world.



Several classes are eligible for credits and many classes carry state approvals.

"We have been able to change people's minds about what they want in a security system. We wish everyone would do business like Leviton Security & Automation."

Derence Systems Inc, Pittsburgh, Pennsylvania



Leviton Security & Automation's Dudley Malveaux, Test & Repair Technician, performing quality assurance testing.



Leviton Security & Automation's Ernie Sieber, Technical Support Supervisor, inspects Leviton Security & Automation Access Control Readers.

# Leviton Security & Automation stands behind our products with industry leading support and customer service.

Leviton Security & Automation provides several Technical Support resources for our network of professional installing dealers:

- Leviton Security & Automation Territory Sales Managers and Representatives
- Leviton Security & Automation 800 Technical Support: 1-800-824-3005
- Leviton Security & Automation Online Knowledge Base
- Leviton Security & Automation Parts & Repair Department
- Warranties on all Leviton Security & Automation products
- Leviton Security & Automation Dealer Online Forum
- Recorded and live product webinars
- Demonstration videos
- Award-winning training and support departments

Leviton Security & Automation's Tom Cressionnie, Technical Support Specialist, providing step-by-step assistance to a caller.



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## **Dealer Support Tools**

#### MicroControl Energy Management Demo Case

18A00-20

Features several Leviton Security & Automation ZigBee® wireless products to demonstrate energy savings capabilities. Includes: Leviton Security & Automation MicroControl (81A00-2WHZB), Omnistat2 PCT (RC-1000WHZB), and 15A Plug-In Load Control Module (89A00-1ZB). Eye-catching color graphic adhered to a foam insert keeps everything secure during travel.



#### Hi-Fi 2 by Demo Case

18A00-15

Demonstrate the power of Hi-Fi 2 by Leviton Security & Automation with this complete stand-alone kit. Includes: Hi-Fi 2 by Leviton Security & Automation (95A01-1), one Volume Source Control (95A03-1), one Remote Input Module (95A04-1), and a Hi-Fi 2 Remote Control (95A05-1). Eye-catching color graphic adhered to a foam insert keeps everything secure during travel. Note: Touchscreen, HAI Dock, and MP3 player images are printed on graphic only and are not included.



## OmniPro II Demo w/OmniTouch & Leviton Security & Automation Lighting Control

18A00-13

OmniPro II controller, LCD console with built-in speaker, OmniTouch Touchscreen, RC-2000WH Omnistat2 Thermostat, Leviton Security & Automation Lighting Control (Scene Switch and 600W Dimmer), UPB™ Powerline Interface Module with cable, wireless router, and Voice Module all in a travel case. Demo programs included. For other languages add language code to part number: Latin American Spanish (SPA), French (FR)



#### Lumina Demo Case

18A00-14

Lumina controller, LCD keypad w/built-in speaker, OmniTouch Touchscreen, RC-2000WH Omnistat2 Thermostat, Leviton Security & Automation Lighting Control (House Status Switch, Scene Switch, Mode Switch, 600W Dimmer), UPB™ Powerline Interface Module, and Phase Coupler all in a heavy duty travel case. Demo programs included.



#### International Demo Case

18A00-16

Includes all items from 18A00-13 but with Access Control in place of HLC. Features a universal worldwide power supply. A great demo solution for Leviton Security & Automation's international customers. Packaged in a heavy duty black travel case. For other languages add language code to part number: Latin American Spanish (SPA), European Spanish (SPE), Italian (IT), French (FR), Catalan (CAT)



#### Demo Adapter Kit

18A00-5

Demo adapter board, instructions. For Omni Ile, OmniPro II, Lumina, and Lumina Pro.



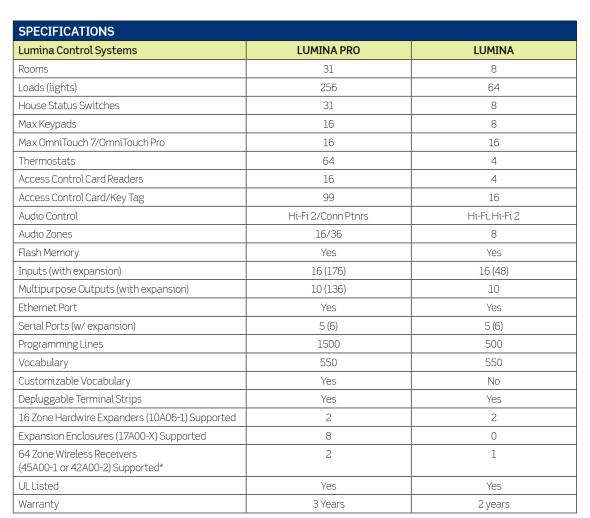
Leviton Security & Automation Controllers	OmniPro II	Omni IIe	Omni LTe
Leviton Security & Automation Lighting/Rooms	31	8	4
Lighting Scenes	128	64	32
Lighting Addresses	256	64	32
Zones	16	16	16
Zone Expansion Total	176	48	32
2 Wire Smoke Loops	4	4	4
4 Wire Smoke Loops	176	48	16
Thermostats	64	4	4
Consoles (Keypads)*	16	8	4
OmniTouch 7/OmniTouch Pro	16	16	16
12 Volt Triggers (w/ expansions)	8 (136)	8 (8)	8 (8)
Audio Control	Hi-Fi 2/Conn.Prtnrs	Hi-Fi, Hi-Fi 2	Hi-Fi, Hi-Fi 2
Audio Zones	16/36	8	8
Access Control Card Readers	16	4	4
Access Control Card/Keytag	99	16	16
Serial Ports	5	5	5
Serial Expansion Total	6	6	5
Ethernet Port	Yes	Yes	Yes
Flash Memory	Yes	Yes	Yes
User Codes	99	16	16
Programming Lines	1500	500	300
Vocabulary	550	550	550
Custom Vocabulary	Yes	No	No
Depluggable Terminal Strips	Yes	Yes	Yes
ormat	Contact ID, 4/2,3/1	Contact ID, 4/2,3/1	Contact ID, 4/2,3/1
Transformer Required	24V (40VA)	24V (40VA)	24V (40VA)
Battery (Typical)	12V (7 Ah)	12V (7 Ah)	12V (7 Ah)
Aux Current Max	1A	1A	1A
Bell Current Max	1A	1A	1A
Aux Current (UL 24hr.)	250mA	250mA	250mA
Bell Current (UL 24hr.)	300mA	300mA	300mA
Total Expansion Boards (10A06-1)	2	2	0
Total Expansion Enclosures (17A00-X)	8	0	0
Total 64-Zone Wireless Receivers (45A00-1/42A00-2)	8**	1	1
110V/220V/240V	Yes	Yes	Yes
JL Listing	Res. Burg/Fire; Comm. Burg	Res. Burg/Fire; Comm. Burg	Res. Burglar/Fire
Warranty	3 years	2 years	2 years

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<sup>\*</sup> Systems must have one console to meet UL requirements.

\*\* Wireless Receivers can support 64 Transmitters and can report to 16, 32, 48, or 64 zones, depending upon your setup. Each group of 16 zones counts as one expansion enclosure.



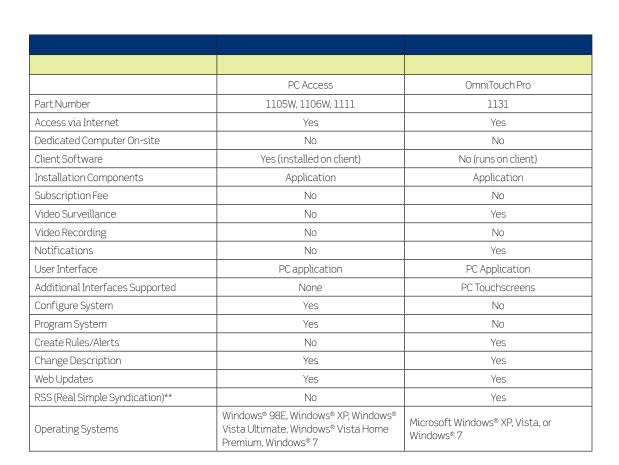
<sup>\*</sup> Wireless Receivers can support 64 Transmitters and can report to 16, 32, 48, or 64 zones, depending upon your setup. Each group of 16 zones counts as one expansion enclosure.

## Wiring Diagrams

SPECIFICATIONS				
Leviton Security & Au				
	Snap-Link	iPhone®/iPad® App	Android™ App	Kindle Fire
Part Number	1120	1120A	1120C	1120D
Access via Internet	Yes	Yes	Yes	Yes
Dedicated Computer On-site	No	No	No	No
Client Software	No (runs on client)*	No (runs on client)	No (runs on client)	No (runs on client)
Installation Components	No installation (Plug and Go)*	Application	Application	Application
Subscription Fee	No	No	No	No
Video Surveillance	Link to installed IP Web Camera	Yes	Yes	Yes
Video Recording	No	No	No	No
Notifications	E-mail, messaging, pop-up notifications, visual	No	No	Yes
User Interface	PC application	iPhone® App	Android™ App	Kindle Fire™
Additional Interfaces Supported	PC Touchscreen	Apple iPod® Touch® and iPad®	Android™ Mobile Devices	None
Configure System	No	No	No	No
Program System	No	No	No	No
Create Rules/Alerts	Yes	No	No	No
Change Description	No	Yes (hide/show)	No	No
Web Updates	Yes	Yes	Yes	Yes

Does not require installation on PC. Application can run from thumb drive, flash drives, or other removable media.
 Displays RSS feeds such as latest news, weather reports, personal blogs, and much more.







## Wiring Diagrams

Leviton Security & Automation Pro	duct Wiring Rec	juirements and L	listances			
Product Name	Part Number	Wire Type	Conductors	Max. Length	Twist	Shield
Two-Way Voice Module	10A11-1	*	-	-	-	-
Water Temperature Sensor	14A00-8	22 AWG	3	N/A	No	No
Expansion Enclosure	17A00	22 AWG	210	1000'1	No	No
Remote Temperature Sensors	23A00	22 AWG5	2	250'5	Yes	Yes
ALC Branch Interface	25A00	20-24 AWG	2	500'3	Yes	No
Speaker/Microphone Module	28A00-ALL	*	-	-	-	-
Indoor/Outdoor Temperature Sensor	31A00-ALL	22 AWG	4	N/A	No	No
LCD Console*	33A00-ALL	22 AWG	4	1000'1	No	No
Wireless Receiver (GE)	42A00-1	22 AWG	4	1000'1	No	No
Wireless Receiver (Leviton Security & Automation)	45A00-1	22 AWG	4	1000'1	No	No
OmniTouch 7 Touchscreen	53A00-2	CAT-5 (patch)	8	328'7	N/A	N/A
Access Control Keypad	54A00-2	22 AWG	4	50'	N/A	N/A
IP Camera	68A11-1	CAT-5 (patch)	8	328'	N/A	N/A
Access Card Reader	75A00-2	22 AWG9	49	1000'9	N/A	N/A
12VDC Door Strike	79A00-1	16 AWG	2	-	-	-
Power Hub (Controller)	83A00	22 AWG	312	1000'1	No	No
Home Theater Extender 2 (HTX2)	86A00-2	CAT-5 (patch)8	8	328'	N/A	N/A
PoE Injector	90A00-1	CAT-5 (patch)	8	328'	N/A	N/A
8-Port PoE Switch	91A00-1	CAT-5 (patch)	8	328'	N/A	N/A
Serial Server	93A00-1	CAT-5 (patch)	8	328'	N/A	N/A
Hi-Fi 2 (Network)	95A00-1	CAT-5 (patch)	8	328'	N/A	N/A
Hi-Fi 2 (Controller)	95A00-1	22 AWG	4	50'	N/A	N/A
Hi-Fi 2 RIM	95A04-1	CAT-5 (patch)	8	500'	N/A	N/A
Speakers connected to Hi-Fi 2	-	16 AWG	46	-	N/A	N/A
Omnistat2 Thermostat (All Models)	-	22 AWG	4	10,000'	No	No
Speaker	*	18 AWG	2	50'	Yes	No
Microphone	*	24 AWG	2	100'	Yes	Yes

¹1000' limit for entire AB Bus combined. ²Exact wire determined by distance and wire type. ³Wire limit per branch. ⁴For distances up to 100' use 16 AWG. ⁵Size of wire required based on insulation and distance. ⁵Recommend stranded for each pair of speakers. 7Distance between 53A00-2 and PSE (Power Sensing Equipment) device. ⁵When connecting the HTX2 to a Leviton Security & Automation PoE Switch (91A00-1) a CAT-5 "crossover" cable is required. ⁵Exact wire determined by distance and wire type. ¹○Recommend 3 conductors (including common ground) for remote mounting the expansion enclosure. ¹¹Original Hi-Fi components use the same wiring. ¹²Two additional wires required for low battery notifications. \*Speaker/Microphone wiring sizes should be used with Two-Way Voice Module (10A11-1), Speaker/Microphone Module (28A00-1/2), and LCD 33A00-4



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SPECIFICATIONS						
Access Control Capacities						
	OmniPro II	Omni IIe	Omni LTe	Lumina Pro	Lumina	
Card Reader	16	4	4	16	4	
Access Card/Key Tag	99	16	16	99	16	

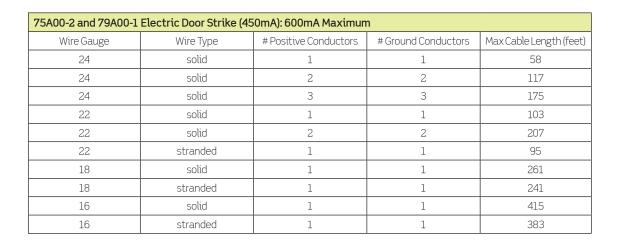
#### Access Control Wiring Requirements

The 75A00-2 requires four wires for operation (two for power and two for communication). The maximum distance between the 75A00-2 and the connected 12V Power Supply or Leviton Security & Automation 83A00 Power Hub is based on two factors: 1) the current draw of the connected door lock device, and 2) the wire gauge/type used. To maintain proper operation of the 75A00-2 and the connected door lock device, do not exceed the "Maximum Cable Length" based on the Total Current Draw and the Wire Gauge/Type per the table below.

Wire Gauge	Wire Type	# Positive Conductors	# Ground Conductors	Max Cable Length (feet)
24	solid	1	1	233
24	solid	2	2	466
24	solid	3	3	699
22	solid	1	1	413
22	solid	2	2	826
22	stranded	1	1	381
18	solid	1	1	1000
18	stranded	1	1	963
16	solid	1	1	1000
16	stranded	1	1	1000



## Wiring Diagrams



75A00-2 and Door Lock (800mA): 950mA Maximum					
Wire Gauge	Wire Type	# Positive Conductors	# Ground Conductors	Max Cable Length (feet)	
24	solid	1	1	37	
24	solid	2	2	74	
24	solid	3	3	110	
22	solid	1	1	65	
22	solid	2	2	130	
22	stranded	1	1	60	
18	solid	1	1	165	
18	stranded	1	1	152	
16	solid	1	1	262	
16	stranded	1	1	242	

75A00-2 and Door Lock (1A): 1.15A Maximum						
Wire Gauge	Wire Type	# Positive Conductors	# Ground Conductors	Max Cable Length (feet)		
24	solid	1	1	30		
24	solid	2	2	61		
24	solid	3	3	91		
22	solid	1	1	54		
22	solid	2	2	108		
22	stranded	1	1	50		
18	solid	1	1	136		
18	stranded	1	1	126		
16	solid	1	1	217		
16	stranded	1	1	200		

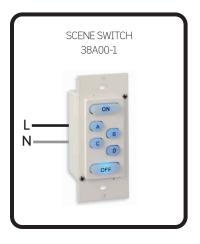
Note: If cable with multiple conductors is used (such as CAT-5), it is possible to connect multiple conductors together to achieve greater distance.

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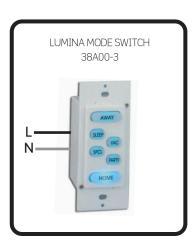


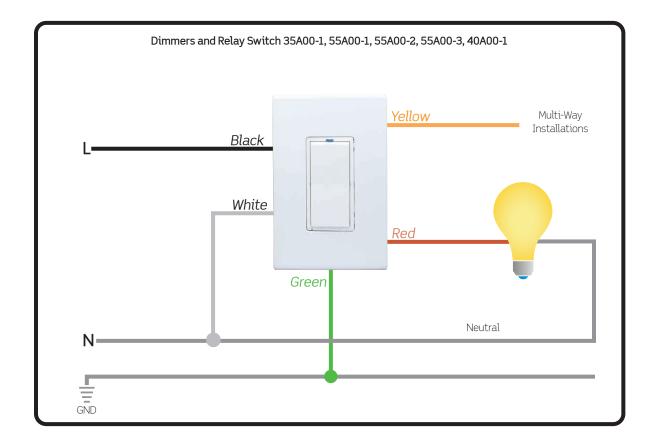
## **WIRING DIAGRAM**

### **Lighting Control Switches**









### WIRING DIAGRAM

#### OmniPro II

#### **Controller - In Enclosure**

13.25" W x 13.375" H x 4.625" D Approximate Weight: 13.30 lbs

#### **Controller - Board Only**

11.0" W x 8.0" H x 1.25" D Approximate Weight: 1.6 lbs

#### **SERIAL PORTS**

HLC Lighting Control UPB™ PIM (#36A00-1) Leviton Vizia RF + Z-Wave (#VRCOP) ZigBee (#81A00-3) Omni-Bus (#117A00-1) Serial to PC Cable (#21A05-2) Hi-Fi 2 (#95A00)

Access Control Readers (#75A00, #54A00) Clipsal, Dynalite, Coolmaster, Serial Connectivity Cable (#36A05-4)

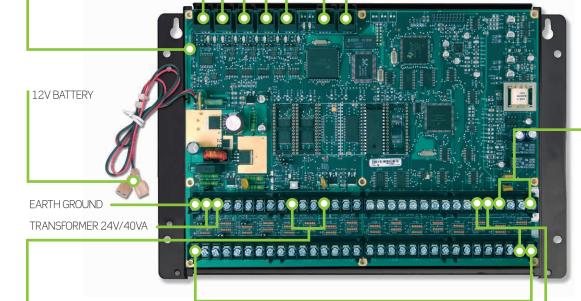
#### **AUDIO**

Omni Console w/ Spkr/Mic #(33A00-4) Surface Speaker/Mic (#28A00-1) Flush Speaker/Mic (#28A00-2) Two-Way Voice Module (#10A11-1)

## **ETHERNET PORT**

Snap-Link, Snap-Link Mobile for Android™ and iOS®, PC Access, OmniTouch Touchscreen, OmniTouch Pro, Omni-Bus

Two-Way X-10



#### TELEPHONE **INTERFACE**

- Land line
- Cellular Communications Center (#70A00)
- PC Access

#### **USER INTERFACE**

Omni Consoles (#33A00)

#### **EXPANSION**

Wireless Receiver (#45A00-1) Wireless Receiver for GE (#42A00-2) Expansion Enclosure (#17A00)

Omnistat2 Thermostats

**COMFORT & CONVENIENCE** 

#### **SECURITY & ENERGY MANAGEMENT**

Temperature Sensor (#31A00-7) Temperature/Humidity Sensor (#31A00-8) Standard Security/Fire/Environmental Sensors

> Visio stencils are available to our dealers. Omni systems are designed for professional installation. Licensing requirements vary by area.

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#### **Omni Commercial**

#### **Controller - In Enclosure**

**AUDIO** 

13.25" W x 13.375" H x 4.625" D Approximate Weight: 13.30 lbs

Omni Console w/ Spkr/Mic #(33A00-4) Surface Speaker/Mic (#28A00-1)

Flush Speaker/Mic (#28A00-2)

Two-Way Voice Module (#10A11-1)

#### **Controller - Board Only**

11.0" W x 8.0" H x 1.25" D Approximate Weight: 1.6 lbs

#### **SERIAL PORTS**

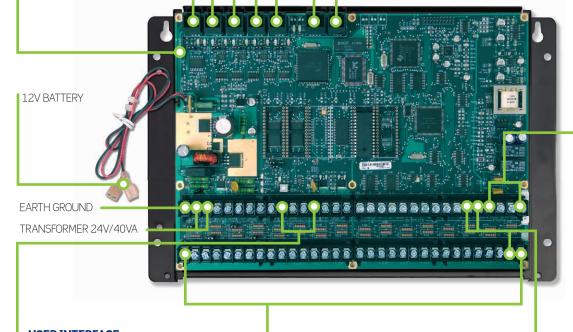
HLC Lighting Control UPB™ PIM (#36A00-1) Leviton Vizia RF + Z-Wave (#VRCOP) ZigBee (#81A00-3) Omni-Bus (#117A00-1) Serial to PC Cable (#21A05-2)

Hi-Fi 2 (#95A00) Access Control Readers (#75A00, #54A00) Clipsal, Dynalite, Coolmaster, Serial Connectivity Cable (#36A05-4)

#### **ETHERNET PORT**

Snap-Link, Snap-Link Mobile for Android™ and iOS®, PC Access, OmniTouch Touchscreen, OmniTouch Pro, Omni-Bus

Two-Way X-10



# TELEPHONE INTERFACE

- Land line
- Cellular Communications Center (#70A00)
- PC Access

**COMFORT & CONVENIENCE** 

### **USER INTERFACE**

Omni Consoles (#33A00)

#### **EXPANSION**

Wireless Receiver (#45A00-1) Wireless Receiver for GE (#42A00-2) Expansion Enclosure (#17A00)

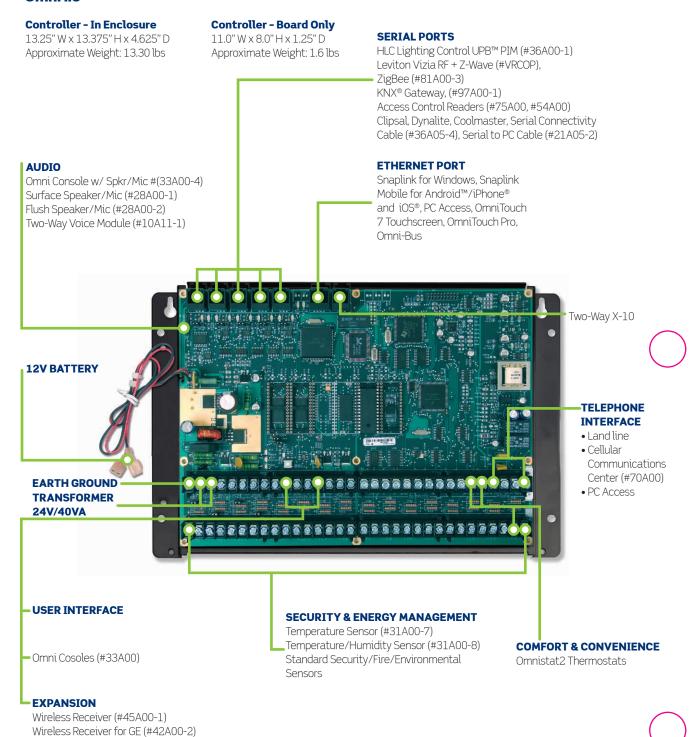
### Omnistat2 Thermostats

**SECURITY & ENERGY MANAGEMENT**Temperature Sensor (#31A00-7)
Temperature/Humidity Sensor (#31A00-8)

Temperature/Humidity Sensor (#31A00-Standard Security/Fire/Environmental Sensors

Visio stencils are available to our dealers.
Omni systems are designed for professional installation.
Licensing requirements vary by area.

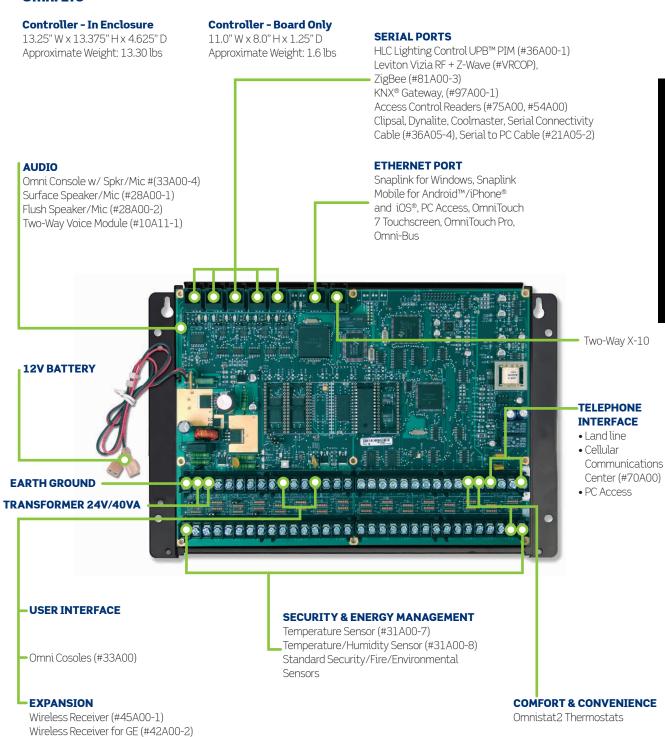
#### **Omni lle**



Omni systems are designed for professional installation. Licensing requirements vary by area.

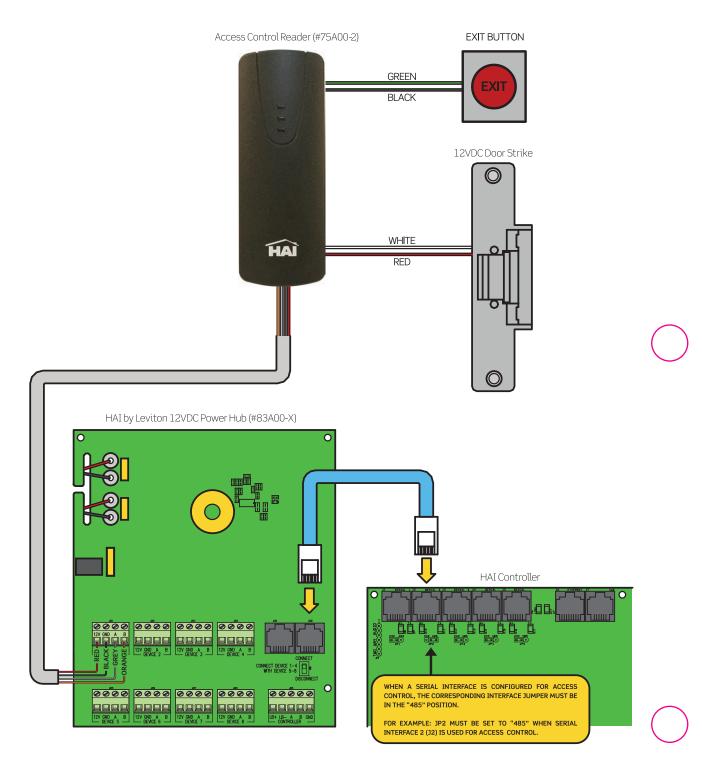
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#### **Omni LTe**



Omni systems are designed for professional installation. Licensing requirements vary by area.

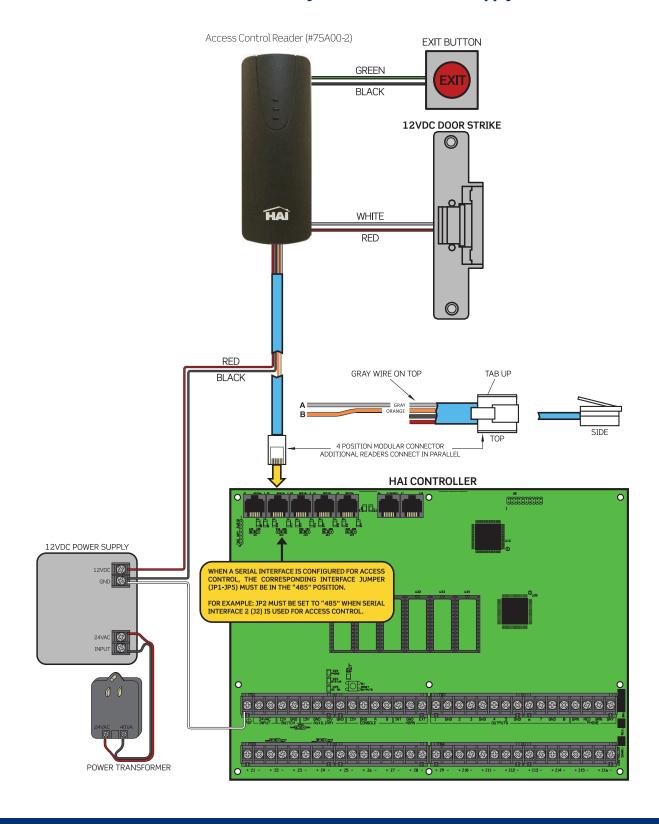
### Access Control via Leviton Security & Automation Power Hub (#83A00-X)

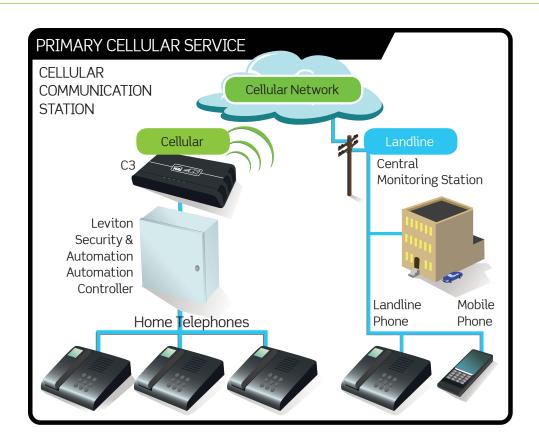


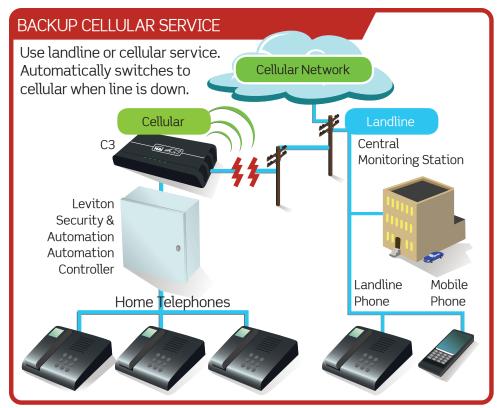
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### **Access Control via non-Leviton Security & Automation Power Supply**



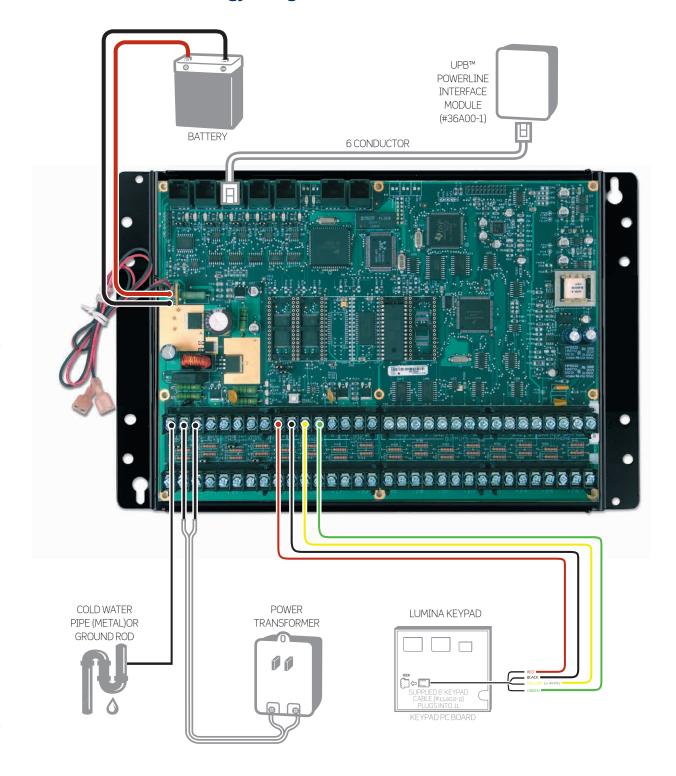




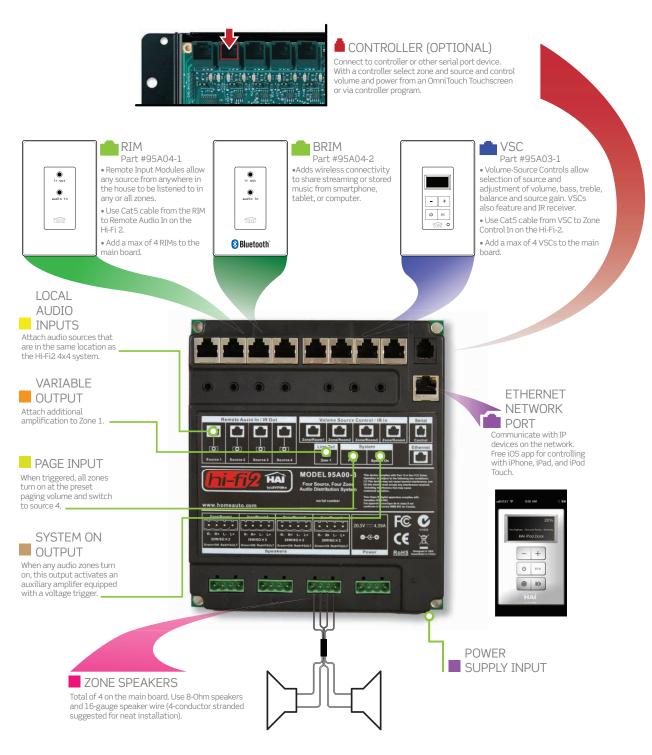
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### **Lumina/Lumina Pro Energy Management Controllers**



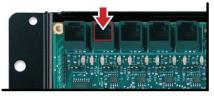
### Hi-Fi 2 Four Zone, Four Source Distributed Audio System



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### Hi-Fi 2 Eight Zone, Eight Source Distributed Audio System



### CONTROLLER (OPTIONAL)

Connect to controller or other serial port device. With a controller select zone and source and control volume and power from an OmniTouch Touchscreen or via controller program.



### RIM

Part #95A04-1

- Remote Input Modules allow any source from anywhere in the house to be listened to in any or all zones.
- Use Cat5 cable from the RIM to Remote Audio In on the
- Add a max of 8 RIMs to the main board.



### **BRIM**

Part #95A04-2 Adds wireless connectivity

to share streaming or stored music from smartphone. tablet, or computer.



### VSC

Part #95A03-1

- Volume-Source Controls allow selection of source and adjustment of volume, bass, treble. balance and source gain. VSCs also feature and IR receiver.
- Use Cat5 cable from VSC to Zone Control In on the Hi-Fi-2.
- Add a max of 8 VSCs to the main



Attach audio sources that are in the same location as the Hi-Fi2 8x8 system.

#### **VARIABLE** OUTPUTS

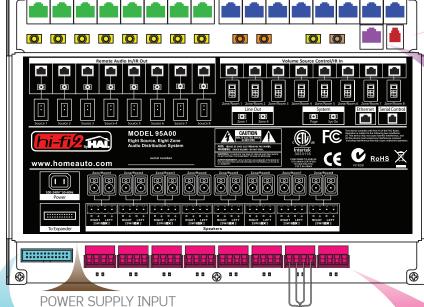
Attach additional amplification to Zone 1 and/or 8.

#### PAGE INPUT

When triggered, all zones turn on at the preset paging volume and switch to source 8.

#### SYSTEM ON OUTPUT

When any audio zones turn on, this output activates an auxiliary amplifer equipped with a voltage trigger



#### **ETHERNET NETWORK PORT**

Communicate with IP devices on the network. Free iOS app for controlling with iPhone, iPad, and iPod



Hi-Fi 2 audio system.

100-240V~50-60Hz; Power cable supplied.



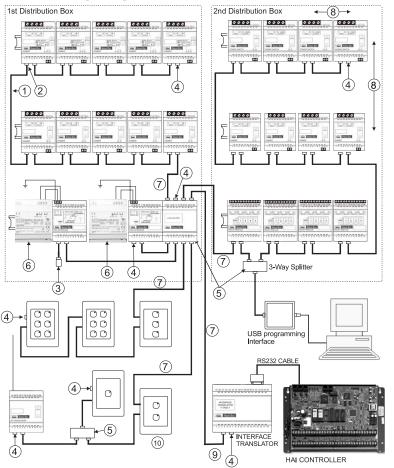
Part #95A12-1/-2



#### ZONE SPEAKERS

Total of 8 on the main board. Use 8-0hm speakers and 16-gauge speaker wire (4-conductor stranded suggested for neat installation).

### **Omni-Bus Lighting Control Network**



- 1. Network Cable
- a. CAT5 UTP (Category 5 Unshielded Twisted pair (4 pairs), stranded or single core)
- 2. Crimp Connectors
- a. All cable ends must be terminated with RJ45 plugs.
- 3. Network Termination Plug
- a. Each network must have ONE and only one network Termination Plug (122A00-1).
- b. It is recommended that the Termination Plug always be installed at the power supply interface.
- 4. Jumpers
- a. No open ends or open connectors are allowed on the network
- b. All open ends or open connectors must be terminated with a Network Jumper Plug (121A00-1).
- 5. Splitters
- a. Where a T-junction or network split is required, a Splitter box must be used (119A00-1 or 120A00-1).
- b. A Splitter can be inserted anywhere on the network.
- 6. Power Supply
- a. Each Power Supply Unit must be connected to the network via a separate Power Supply Interface unit (124A00-1).
- b. Each power supply can supply up to 2A to the network.
- c. More than one power supply can be used if the total network current consumption exceeds 2A
- $d. \ To obtain the total current requirement, add up the individual current consumptions of all devices on the network. \\$
- e. The power supply(s) must be installed at the point where most devices are located (usually the distribution board) to avoid excessive voltage drops over long cables.
- f. The supply voltage at any point on the cable (pin 1 and 8) must be between 15 and 24VDC.
- 7. Supply Distribution
- a. The total number of devices on a single network split from the power supplies must not exceed 50 devices.
- b. The total current consumption of devices on a single network split from the power supplies must not exceed 2A.
- 8. Device Placement and Isolation
- a. The Leviton Security & Automation Omni-Bus units have been designed to operate over an ambient temperature range between o °C and 40 °C at the rated maximum load capacities. Sufficient spacing and airflow between devices should be allowed for in the distribution board. The minimum recommended horizontal spacing between dimmer devices is one din rail module width (17mm or 2/3 inches).
- b. All network connections and cabling are low voltage and optically isolated from the mains supply voltage and must thus be kept away from any mains wiring.
- c. Sufficient spacing must be allowed for this between consecutive din rails in the distribution board (minimum recommended spacing between din rail centers = 150mm or 6inches).
- d. Do NOT route any network cables via the same conduits as mains wiring.
- 9. Maximum Cable Length
- a. The total cable length on a single bus network may not exceed 1000m (3280feet).
- 10. Maximum Number of Devices
- a. The total number of devices on a single bus network may not exceed 256.





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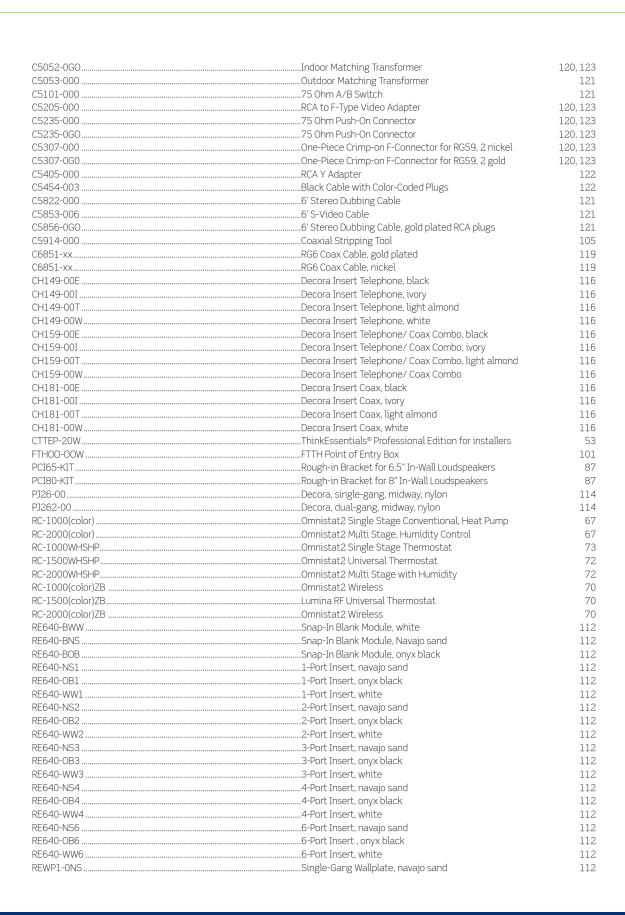
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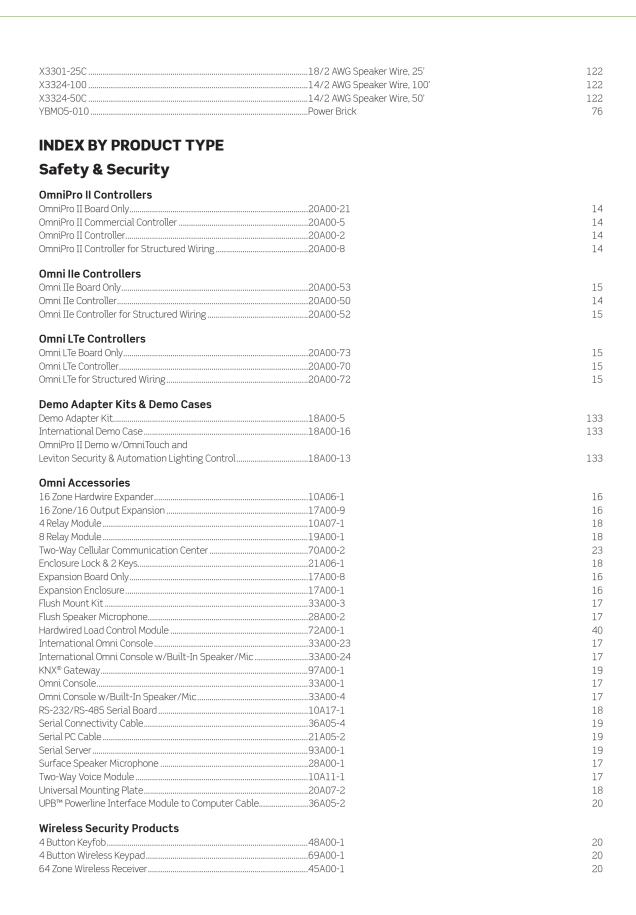


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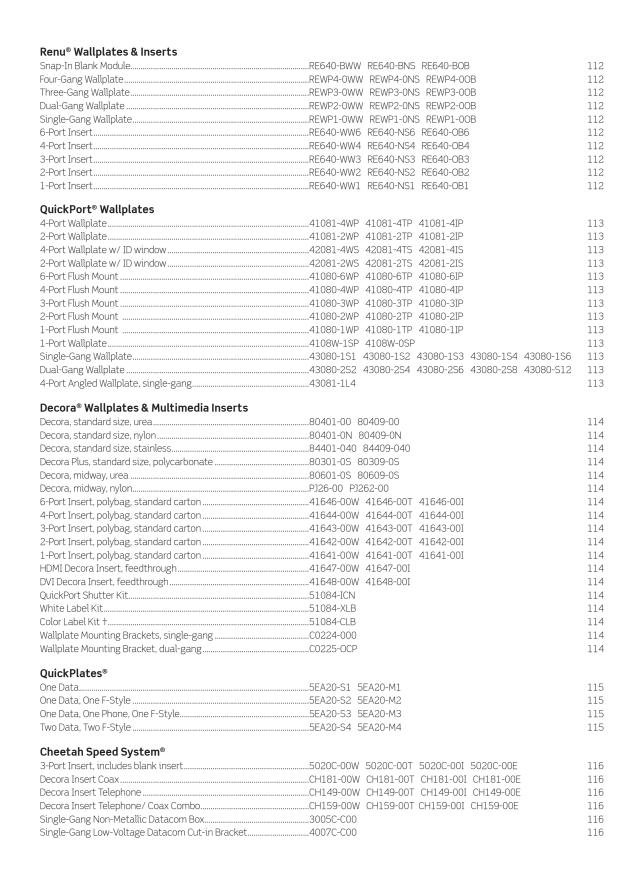
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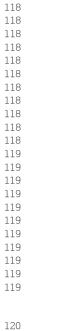
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#### Home Theater & Recessed Receptacles, & Mobile Device Station

Receptacies, & Mobile Device Station	
Home Theater Interface Wallplate, two QuickPort® opening	
Multi-Room Install Wallplate, two QuickPort openings	
Single-Gang Single Spring-Clip Device Audio/Video Wallpla	
Single-Gang Double Spring-Clip Device Audio/Video Wallpl	
Single-Gang Recessed Single Receptacle	00688-00
Single-Gang Recessed Single Receptacle,	
Non-Magnetic Stainless Steel	
Single-Gang Recessed Duplex Receptacle	00689-00+
Single-Gang Recessed Single Receptacle,	
Non-Magnetic Stainless Steel	05361-0CH
Dual-Gang Recessed Duplex Receptacle and Openings	
for six QuickPort Modules	00690-00
Recessed Entertainment Box w/ Low-Profile Frame	47617-REB
Recessed Entertainment Box w/ High-Profile Cover	47617-RBH
High-Profile Cover	47617-HPC
Low-Profile Frame	47617-LPF
Replacement Snap-in Plates	47617-PLT
Decora® Mobile Device Station, White	
Decora Mobile Device Station, Light Almond	
Decora Mobile Device Station, Black	
Renu® Mobile Device Station, White on White	
Renu Mobile Device Station, Navajo Sand	
Renu Mobile Device Station, Onyx Black	
USB Charger/Tamper-Resistant Receptacle	
RG6 Coax Cable, gold plated	
RG6 Coax Cable, nickel	
Two-Way Splitter, carded unit pack	
Two-Way Splitter, gold plated, carded unit pack	
Two-Way Splitter, gold plated, individual polybag pack	
Three-Way Splitter, carded unit pack	
Three-Way Splitter, gold plated, individual polybag pack	
Four-Way Splitter, carded unit pack	
Four-Way Splitter, gold plated, carded unit pack	
Four-Way Splitter, gold plated, calded unit pack	
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73 OHH TEHHIHALIOH Cap, 23 per polybag pack	40964-000
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RCA to F-Type Video Adapter	C5205-000
75 Ohm Push-On Connector	
75 Ohm Push-On Connector	
75 Ohm In-Line Cable Connector	
Indoor Matching Transformer	
Indoor Matching Transformer	
One-Piece Crimp-On F-Connector for RG6	
One-Piece Crimp-on F-Connector for RG59, 100, nickel	
One-Piece Crimp on F. Connector for RG59, 2 nickel	
One-Piece Crimp-on F-Connector for RG59, 2 gold	
One-Piece Crimp on F-Connector for RG6	
Two-Piece Crimp-on F-Connector for RG59, 100, nickel	
Two-Piece Crimp-on F-Connector for RG59, 2 nickel	
Two-Piece Crimp-on F-Connector for RG59, 2 gold	
Two-Piece Crimp-on F-Connector for RG6, 100, nickel	
Two-Piece Crimp-on F-Connector for RG6, 2 nickel	
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# **Leviton supports open standards**

The best thing about technology standards is they are never in shortage. Over 28 years of experience in the home and building automation industry reinforces that. Leviton designs systems that successfully implement a vast multitude of home and building automation standards to ensure the system is useful and functional throughout its long life. Leviton's support of a wide variety of open standards allows each home or building owner to have all the automated systems they want, regardless of the limitations of one type of technology or another. Leviton has long been a supporter of standards such as UPB™, X-10, Z-Wave®, RS-232, TCP/IP, KNX, DALI and ZigBee®, and will continue to evaluate and add support for new technologies each year.

### **Approvals**

- UL Residential Fire and Burglary (Omni family)
- UL Commercial Burglary (OmniPro II & Omni IIe)
- UL Energy Management (Lumina family)
- FCC Part 15J, Part 68 (Omni & Lumina families)
- California Title 24 Compliant (35A00-1. 35A00-1CFL, 35A00-2, 40A00-1, 55A00-1, 55A00-2, and 55A00-3, and Omni & Lumina family)
- California State Fire Marshall (Omni family)
- CP-01 Compliant (Omni family)
- CE (European Standard Hi-Fi 2; Omni & Lumina families)
- IS-60 (Canadian Standard Omni & Lumina families)
- Leviton Security & Automation's products are RoHS compliant
- ETL, NOM, and C-Tick Listings

















































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