Catalog Number: Date: Project

OVERVIEW

The Chelsea DigitalSwitch is a 100% digital switch that may be programmed to control any relay, dimmer or panel. Connected to any GR 2400 system via Cat. 5 patch cable with RJ45 connectors, Chelsea DigitalSwitches can be mounted in any standard 2.25" deep switch box with a decorator style switch plate.

Chelsea DigitalSwitches can be ordered with 1, 2, 3, 4 or 6 buttons per gang with custom engraved buttons at no cost. Switches can be ordered preprogrammed or may be programmed in the field using the DTC (Digital Time Clock). All Chelsea DigitalSwitches are 100% backwards compatible with all LC&D systems.

FEATURES

- Custom button engraving (2 lines 8 character/line)
- Pilot light to illuminate all push buttons
- Waterproof option
- Ability to be linked to up to 127 digital addresses via Cat. 5 patch cable with RJ45 connectors
- Enable/disable by optional KeyEnable switch
- A green "Locator Light" at the top of each unit which is always on and can be programmed to blink to show "Horn Driver Mode" or help locate a switch in the dark
- Programmable Status LED logic
- Adjustable debounce time to avoid accidental triggers
- Audible beep alert for warning or switch locating
- Alternate button programming to allow more flexibility of use including using one button to perform different tasks at different times of the day
- Ability to be digitally enabled/disabled over the bus on a per button or per switch basis

Warranty

Three-year limited warranty. Complete warranty terms located at: www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

Note: Actual performance may differ as a result of end-user environment and application. Specifications subject to change without notice.



LC&D...

GR 2400™ Chelsea



ORDERING INFORMATION

CH2 2 button Chelsea CH3 3 button Chelsea CH4 4 button Chelsea CH6 6 button Chelsea CH6 6 button Chelsea CH6 6 button Chelsea CH6 6 button Chelsea CH7 All buttons white BBC All buttons gray BBC All buttons green	CHELSEA DIGITALSWITCH Example: CH3 WP MC 1BRD 2BB						
CH1 1 button Chelsea CH2 2 button Chelsea CH3 3 button Chelsea CH4 4 button Chelsea CH6 6 button Chelsea CH6 6 button Chelsea CH7 CH8 CH8 CH9							
CH2 2 button Chelsea CH3 3 button Chelsea CH4 4 button Chelsea CH6 6 button Chelsea CH6 6 button Chelsea CH6 6 button Chelsea CH6 6 button Chelsea CH7 All buttons white BBC All buttons black BBC All buttons gray BBC All buttons green BBC All buttons green BBC All buttons blue BBC All buttons green BBC All buttons green BBC All buttons green BBC All buttons green BBC All buttons blue BBC All buttons blue BBC All buttons green BBC All buttons green BBC All buttons green BBC All buttons orange	Number of Buttons	Waterproof	Button Color(s)	Plate Colors			
	CH1 1 button Chelsea CH2 2 button Chelsea CH3 3 button Chelsea CH4 4 button Chelsea	Isea [blank] Not waterproof Isea WP Waterproof Isea	Single color BWH All buttons white BAL All buttons almond BIV All buttons ivory BGY All buttons gray BBK All buttons black BRD All buttons red BGR All buttons green BBU All buttons blue BUL All buttons vellow BOR All buttons orange Multicolor MC Multicolored buttons MC Multicolored MC Multicolor All buttons velly BWH <# of buttons> white _BBH <# of buttons> ivory _BGR <# of buttons> gray _BBU <# of buttons> plack _BRD <# of buttons> red _BCR <# of buttons> red _BCR <# of buttons> green	PWH White plate PAL Almond plate PIV Ivory plate PST Stainless steel plate			
BOR <# of buttons> orange			BYL <# of buttons> yellow				

See more order examples next page.

SINGLE COLOR EXAMPLES:

CH6 BWH PWH

Six button Chelsea with six white buttons and a white faceplate

CH4 WP BRD PBK

Four button Chelsea, waterproof, with four red buttons and a black faceplate

MULTICOLOR EXAMPLES:

CH6 MC 2BWH 4BBK PST

Six button Chelsea with two white and four black buttons and a stainless steel faceplate

CH4 MC 2BBU 1BGR 1BYL PWH

Four button Chelsea with two blue, one green, and one yellow button and a white faceplate

Button quantity represents the number of buttons on a switch that will be in the selected color-number may not exceed total number of buttons on switch - total of all button color quantities must equal total number of buttons on switch (refer to examples).

SPECIFICATIONS

Switch dimensions: 1.3" w x 4" h x 1.3" d Switch plate: Decorator style

Mounting: 2.25" deep-switch box

(Waterproof bell box - Waterproof option only)

Addresses available: 1-119 Address per switch: (1)

Function: ON, OFF, Mixed, Group Control, Toggle, Scene

Control

Power supply inputs: Powered from GR 2400 bus

Programming: Via DTC or with GX2 lighting control software 10-90% non-condensing (100% rain proof -Max. humidity:

Waterproof option only)

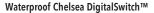
Ambient temperature: 32-104° F (0-40° C) Bus connector: Two RJ45 connectors

Bus termination: Manual end-of-line termination with jumper

OVERVIEW

Chelsea DigitalSwitches are available in 1, 2, 3, 4 or 6 buttons. Center plates are available in white, ivory, almond, black, and brushed stainless steel. Indicator light is red and locator light is green.







Note: Sealed Switch is provided with a 10ft standard Cat. 5 connection cable and may be cut to a more convenient length.

Acuity Brands does not provide the cover plate. Cover plate is provided by contractor.



White









Almond Ivory

Stainless Steel

Black

Available Button Colors

		78		
White	Almond	lvory	Gray	Black
Red	Green	Blue	Yellow	Orange

Title 24 System Component