

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.



GR 2400™
Chelsea



ORDERING INFORMATION

CHELSEA DIGITALSWITCH		Example: CH3 WP MC 1BRD 2BBK PIV			
Number of Buttons	Waterproof	Button Color(s)		Plate Colors	
CH1 1 button Chelsea	[blank] Not waterproof	Single color		PWH White plate	
CH2 2 button Chelsea	WP Waterproof	BWH All buttons white	MC Multicolored buttons	PAL Almond plate	
CH3 3 button Chelsea		BAL All buttons almond	Color (specify for MC only)	PIV Ivory plate	
CH4 4 button Chelsea		BIV All buttons ivory	_BWH <# of buttons> white	PST Stainless steel plate	
CH6 6 button Chelsea		BGY All buttons gray	_BAL <# of buttons> almond	PBK Black plate	
		BBK All buttons black	_BIV <# of buttons> ivory		
		BRD All buttons red	_BGY <# of buttons> gray		
		BGR All buttons green	_BBK <# of buttons> black		
		BBU All buttons blue	_BRD <# of buttons> red		
		BUL All buttons yellow	_BGR <# of buttons> green		
		BOR All buttons orange	_BU <# of buttons> blue		
			_BYL <# of buttons> yellow		
			_BOR <# of buttons> orange		

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	Programming:	Via DTC or with GX2 lighting control software
Switch plate:	Decorator style	Max. humidity:	10-90% non-condensing (100% rain proof - Waterproof option only)
Mounting:	2.25" deep-switch box (Waterproof bell box - Waterproof option only)	Ambient temperature:	32-104° F (0-40° C)
Addresses available:	1-119	Bus connector:	Two RJ45 connectors
Address per switch:	(1)	Bus termination:	Manual end-of-line termination with jumper
Function:	ON, OFF, Mixed, Group Control, Toggle, Scene Control		
Power supply inputs:	Powered from GR 2400 bus		

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.



Waterproof Chelsea DigitalSwitch™



Available Plate Colors



White Almond Ivory Stainless Steel Black

Available Button Colors



White Almond Ivory Gray Black



Red Green Blue Yellow Orange

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.

Title 24 System Component