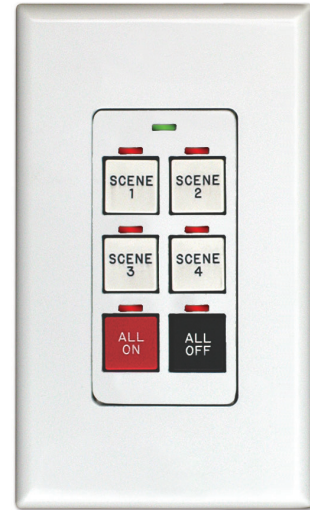# GR 2400™

Switch

LC&D LIGHTING CONTROLS

Cover plate provided by contractor

Chelsea *Digital*Switch™

Description: The **Chelsea *Digital*Switch** is a 100% digital switch which connects directly to the **GR 2400** bus via Cat. 5 patch cable with RJ45 connectors. **Chelsea *Digital*Switches** can be ordered with 1, 2, 3, 4 or 6 buttons per gang and can be mounted in any standard 2.25" deep switch box with a decorator style switch plate. All **Chelsea *Digital*Switches** are 100% backwards compatible with all LC&D systems.

Features:
- May be programmed to control any relay, *Smart*Breaker™ or dimmer in any panel
- Custom button engraving at no cost (2 lines 8 character/line)
- All push buttons are annunciated with a pilot light
- Available as a Waterproof option
- Factory preprogrammed. May be reprogrammed in the field using the DTC (Digital Time Clock)
- Link up to 127 digital addresses via Cat. 5 patch cable with RJ45 connectors
- Can be enabled/disabled by optional **KeyEnable**™ switch

Advanced Programming Features:
- A programmable green "Locator Light" at the top of each unit is always on, can be programmed to blink to show Horn Driver Mode or help locate a switch
- Programmable Status LED logic
- Adjustable debounce time to avoid accidental trigger
- Audible beep alert for warning or switch locating
- Alternate button programming to allow more flexibility of use, for example the same button can perform a different task at different times of the day
- Capable of being digitally enabled/disabled over the bus on a per button or per switch basis

Specifications:

Dimensions:	1.3" w x 4" h x 1.3" d	Programming:	Via DTC
Switch plate:	Decorator style	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	Power supply:	Powered from GR 2400 bus
Address per switch:	1	Bus connector:	Two RJ45 connectors
Function:	ON, OFF, Mixed, Group Control, Toggle, Scene Control	Bus termination:	Manual end-of-line termination with jumper

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

Waterproof Chelsea *DigitalSwitch*™

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

ORDERING INFORMATION

Chelsea Digital Switch™			

Number of Buttons	Single/Multicolor	Multicolor Button Colors	Plate Colors
CH1 = 1 button Chelsea CH2 = 2 button Chelsea CH3 = 3 button Chelsea CH4 = 4 button Chelsea CH6 = 6 button Chelsea When ordering Waterproof Chelsea, add WP to the ordering nomenclature. Example: CH1 WP, CH2 WP, CH3 WP, CH4 WP, CH6 WP	BWH = All buttons white BIV = All buttons ivory BGY = All buttons gray BBK = All buttons black BRD = All buttons red BGR = All buttons green BBU = All buttons blue BYL = All buttons yellow BOR = All buttons orange MC = Multicolored buttons (please select quantities from the multicolor button section)	**Button Quantity** 1B = 1 button 2B = 2 buttons 3B = 3 buttons 4B = 4 buttons 6B = 6 buttons **Color** WH = White IV = Ivory GY = Gray BK = Black RD = Red GR = Green BU = Blue YL = Yellow OR = Orange	**Multicolor Examples:** **CH6 MC 2BWH 4BBK PST** 6 button Chelsea with 2 white and 4 black buttons and a stainless steel faceplate **CH4 MC 2BBU 1BGR 1BYL PWH** 4 button Chelsea with 2 blue, 1 green, and 1 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).	PWH = White plate PIV = Ivory plate PST = Stainless steel plate PBK = Black plate

Examples:	CH6 BWH PWH = 6 button Chelsea with all white buttons and a white faceplate
	CH3 WP MC 1BRD 2BBK PIV = 3 button waterproof Chelsea with 1 red button, 2 black buttons, and an ivory plate