

SIMPLWINDOWS NAME: Lightolier Brilliance II Single Unit Control

CATEGORY: Lighting

VERSION: 1.0

SUMMARY: Allows the user to control on/off/ramp up/down and scene selection for a single unit on the Lightolier system

GENERAL NOTES: This module will allow a single unit to be turned on or off, ramp the lights up or down, and select any of the available scenes. Feedback is provided to show if the lights are on or off, and to show which scene has been selected.

A separate copy of this module could be used for each unit on the Lightolier system.

The unit to be controlled is entered using the Unit(00-63,99) parameter. Enter the 2 digit unit number as 2 digits with no suffix. So for unit 1, enter 01. For unit 12, enter 12. To control all units enter 99.

CRESTRON HARDWARE REQUIRED: CNXCOM, ST-COM

SETUP OF CRESTRON HARDWARE: RS232
 Baud Rate - 9600
 Parity - None
 Data Bits - 8
 Stop Bits - 1
 RTS/CTS handshaking recommended

VENDOR FIRMWARE: None

VENDOR SETUP: For testing done at Crestron, all DIP switches on the PC COMM card were in the up (off) position. On the Genlyte Mother Bd. BR II, the SW 1 switch was in the PRI position. The SW3 switch was in the OUT position. The PC RS232 connector was used for connection to the Crestron system.

It is recommended to use hardware handshaking.

CABLE NUMBER: CNSP-141

CONTROL:

LIGHTS_ON/OFF_INSTANT	D	Pulse to turn the lights on or off instantly
PRESET_A/L_INSTANT	D	Pulse to cause the unit to go to the specified scene instantly
LIGHTS_ON/OFF_FADE	D	Pulse to turn the lights on or off using a fade
PRESET_A/L_FADE	D	Pulse to cause the unit to go to the specified scene using a fade effect
RAISE/LOWER	D	Press and hold to ramp the light level up or down
FROM_DEVICE\$	S	Serial signal to be routed from a 2-way RS232 port

FEEDBACK:

LIGHTS_ON/OFF_FB	D	True feedback indicating if the lights are on or off
		True feedback indicating which scene

PRESET*_FB	D	(if any) is active
TO_DEVICE\$	S	Serial signal to be routed to a 2-way RS232 port

OPS USED FOR TESTING:	5.12.26x
COMPILER USED FOR TESTING:	SimplWindows Version 1.61.12
SAMPLE PROGRAM:	Lightolier Brilliance II Demo
REVISION HISTORY:	None