

**SIMPLWINDOWS NAME:** Lightolier Brilliance II Selectable Unit Control

**CATEGORY:** Lighting

**VERSION:** 1.0

**SUMMARY:** Allows the user to select which unit to control, then turn the unit on/off and select any available scene.

**GENERAL NOTES:** This module allows any unit on the Lightolier system to be selected during run-time, and will then allow the 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. As soon as a unit is selected, it will be polled for it's current state, so that the correct feedback for the newly selected unit can be displayed on a touch panel.

**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:

<b>UNIT_*</b>	D	Pulse to select which unit to control. As soon as a unit is selected, the system will be polled for the current status of that unit.
<b>LIGHTS_ON/OFF_INSTANT</b>	D	Pulse to turn the lights on the previously selected unit on or off instantly.
<b>PRESET_A/L_INSTANT</b>	D	Pulse to cause the previously selected unit to go to the specified scene instantly
<b>LIGHTS_ON/OFF_FADE</b>	D	Pulse to turn the lights on the previously selected unit on or off using a fade effect.
<b>PRESET_A/L_FADE</b>	D	Pulse to cause the previously selected unit to go to the specified scene using a fade effect
<b>RAISE/LOWER</b>	D	Press and hold to ramp the light level on the previously selected unit up or down.
<b>FROM_DEVICE\$</b>	S	Serial signal to be routed from a 2-way RS232 port

## FEEDBACK:

<b>UNIT_*_FB</b>	D	Indicates which unit has been selected
<b>LIGHTS_ON/OFF_FB</b>	D	True feedback indicating if the lights on the previously selected unit are on or off
<b>PRESET_*_FB</b>	D	True feedback indicating which scene (if any) is active on the previously selected unit
<b>TO_DEVICE\$</b>	S	Serial signal to be routed to a 2-way RS232 port

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