

Introduction

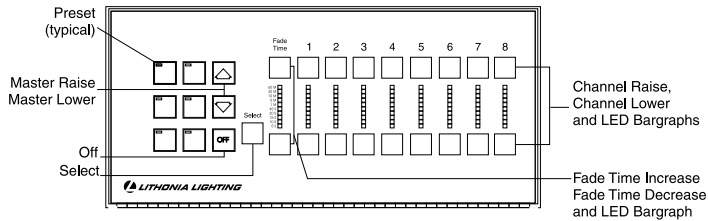


Figure 1

Channel	<i>Channel Raise</i> or <i>Channel Lower</i> buttons increase or decrease the intensity of the associated lights.
Master	<i>Master Raise</i> or <i>Master Lower</i> buttons increase or decrease the intensity of all dimmed lights simultaneously.
Preset	<i>Preset</i> buttons save and activate preset lighting scenes. A <i>Preset</i> consists of a set of lighting levels with an associated <i>Fade Time</i> .
Fade Time	A time value associated with the activation of presets.
Select	Used for programming functions.
Off	Fades all lights to OFF.

Basic Sequel Control Operation

Adjusting Channel Intensity

Press and hold the *Channel Raise* (top) button to increase the light level. Press and hold the *Channel Lower* (bottom) button to decrease the light level. Release the button when the desired level is reached. The LED bargraph will track the relative lighting level.

Toggle lights to full ON or full OFF by pressing the *Channel Raise* and *Channel Lower* buttons at the same time.

Saving a Preset

Adjust each channel intensity to the desired lighting level using the above procedure.

Set the *Fade Time* by pressing and releasing the *Fade Time Increase* or *Fade Time Decrease* button until the desired *Fade Time* is displayed (a typical *Fade Time* is 5S - five seconds).

Press and hold the *Select* button. While holding the *Select* button, press and release one of the *Preset* buttons.

Release the *Select* button. The *Preset* is now saved.

Activating a Preset

Note: *Presets* must first be saved before they can be activated. Press and release a *Preset* button. The LED bargraphs will instantly display the saved levels. The lights will smoothly fade to the saved levels over the time period saved as the *Fade Time*.

Note: Pressing the *Preset* button twice (double pressing) will bypass the *Fade Time* and instantly set the lights to the saved levels.

Saving a Preset with Excluded Channels

It may be desirable to exclude one or more channels from *Presets* in certain applications. The intensity of channels excluded remains unchanged when excluded channel *Presets* are activated.

Adjust each channel to the desired lighting level. Set the *Fade Time* as above.

Press and hold the *Select* button; the top of the LED bargraphs will blink.

While holding the *Select* button, press and release the *Channel Lower* button for the channel(s) to be excluded from the preset. Note the LED stops blinking. Press and release one of the *Preset* buttons.

Release the *Select* button. The *Preset* is now saved.

Optimizing Sequel Control Operation

Modifying the Dimmer Response Curve

Each channel can be optimized to control various types of lamps.

Press and hold the *Fade Time Decrease* button. While holding the *Decrease* button press and release the *Fade Time Increase* button. Release the *Decrease* button. The current response curve for each channel will now be displayed as the lowest LED segment lit. See Figure 2 for lamp type reference. Factory default is for standard incandescent or halogen lamps.

Adjust the *Channel Raise* and *Lower* buttons for each channel until the appropriate lamp types are indicated. Press and release the *Select* button to save the settings.

<input type="checkbox"/>	Incandescent (Standard)
<input type="checkbox"/>	Incandescent (Alternate)
<input type="checkbox"/>	F40 Magnetic (Standard)
<input type="checkbox"/>	F40 Magnetic (Alternate)
<input type="checkbox"/>	Advance Mark X
<input type="checkbox"/>	F30 Magnetic
<input type="checkbox"/>	Lutron Hi-Lume FDB
<input type="checkbox"/>	Advance Mark VII FC
<input type="checkbox"/>	Non-Dim

Figure 2

Optimizing Sequel Control Operation Con't.

Modifying High/Low End Trims

High and low intensity trim limits can be set for each channel. The Low End Trim is useful to eliminate flicker in fluorescent and neon loads when dimmed too low. The High End Trim can be adjusted to save energy or extend lamp life. Low End Trims are factory set at 0%. High End Trims are factory set at 100%.

To Modify the Low End Trim

Press and hold the *Select* button then press and release the *Fade Time Decrease* button. Release the *Select* button.

Adjust the *Channel Raise* and *Channel Lower* buttons until the desired Low End Trim values are displayed.

Press and release the *Select* button to save the trim values.

Note: The Low End Trim also determines the point within a fade that a non-dim channel will switch. Generally, a setting of about 50% will produce good results for non-dim channels controlling fluorescent lamps.

To Modify the High End Trim

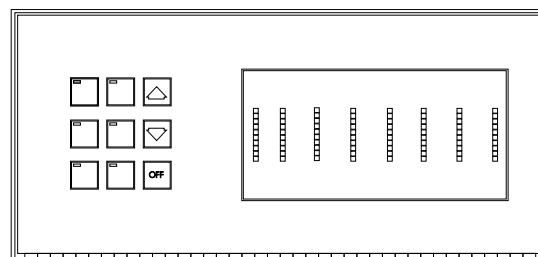
Press and hold the *Select* button then press and release the *Fade Time Increase* button. Release the *Select* button.

Adjust the *Channel Raise* and *Channel Lower* buttons until the desired High End Trim values are displayed.

Press and release the *Select* button to save the trim values.

User Guide

SEQUEL



ONE LITHONIA WAY, DECATUR, GEORGIA 30035, TELEPHONE 770-987-4200, FAX 770-987-1002
IN CANADA: 1100 50TH AVE., LACHINE, QUEBEC H8T 2V3, A UNIT OF N.S.I. HOLDINGS, INC.

