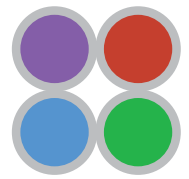


# Light Engine Control Pod

## Set Up and Operating Instructions



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**FIGURE A:** Light Engine Control Pod showing the main (0-100 analog intensity) display, **LEFT** and **RIGHT** push buttons and rotary dial controls



**FIGURE B:** Light Engine selection display



**FIGURE C:** Color assign display



**FIGURE D:** USB connectors on rear of the light engine control pod

### Set Up

1. Connect the USB A port of the light engine control pod accessory to the serial port of the light engine according to the table below.

Light Engine	Light Engine Serial Port	Cable
AURA III / SPECTRA III / CELESTA	USB B	USB A to USB B (29-10058)
LIDA	USB A	USB A to USB A (29-10057)
MIRA	USB A	USB A to USB A (29-10057)
SOLA SE	USB A or USB B*	USB A to USB A (29-10057) or USB A to USB B (29-10058)
SPECTRA X	RS-232	RS-232 to USB A (29-10011)

\*SOLA SE light engines shipped before November 2014 have USB A. SOLA SE light engines shipped after November 2014 have USB B.

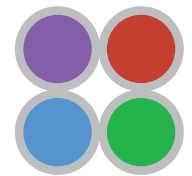
2. For stand-alone operation with SPECTRA X light engine with RS-232 serial ports, connect a DC power supply (5V/500mA) to the USB B port of the pod [1].
3. For operation of the Control Pod with AURA III, SPECTRA III, and CELESTA light engines, USB 5V must be set to 'Enabled' and the USB port must be set to 'Legacy' mode in the light engine control GUI [2].
4. Alternatively, if pass-through control from a host computer is required, connect the USB B port of the control pod to a USB A port on the host computer.
5. Press and hold the **RIGHT** button on the pod until the light engine selection display appears. Turn the rotary dial to move the cursor and select the light engine model connected to the pod. Press the **RIGHT** button again to return to the main display screen.
6. The assignment of light engine color channels can be adjusted [3]. Press and hold the **LEFT** button for 5 seconds until the color assign display appears. Select Assign Colors with the **RIGHT** button. Select the desired channel by cycling through the available channels by successive presses of the **LEFT** button. Press and hold the **RIGHT** button to momentarily turn on the selected channel to observe the actual color. Select the desired color assignment from the list on the right of the screen by advancing the cursor using the rotary dial. Press the **RIGHT** button to confirm the selection. To return to the main display, turn the rotary dial clockwise until an "Exit" icon appears in the bottom left corner of the screen, then press the **RIGHT** button.

### Notes

- [1] Light engines with USB serial ports supply power for the pod via the USB connection. [2] The control GUI is accessed via ethernet connection to the light engine LAN port. [3] AURA III, SPECTRA III, CELESTA, and SPECTRA X light engines only.

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FIGURE E: Color levels display



FIGURE F: Pass through mode display

### Operation (Local Mode)

1. Press the **LEFT** button to select the desired color channel. Successive presses will cycle through the available color channels.
2. Press the **RIGHT** button to turn the selected light source **ON**. Adjust the output intensity using the rotary dial [1]. Press the **RIGHT** button again to turn the selected light source **OFF**. Setting the intensity to zero will automatically turn the selected light source **OFF** without pressing the **RIGHT** button.
3. Press and hold the **LEFT** button to access the color levels display and view digital output intensity settings for each color channel [2]. Channels that are currently **ON** are highlighted with a white background. Press the **RIGHT** button to return to the main display screen.

### Operation (Pass-through Mode)

1. Serial commands sent from a host computer to the USB B port of the control pod will automatically switch the pod from local to pass-through mode, indicated by the message “PC pass through mode active” shown on the pod display screen.
2. Local command mode is disabled as long as pass-through mode remains active.
3. To quit pass-through mode and return to local command mode, press the **RIGHT** button on the pod twice.

### Notes

- [1] Intensity adjustment commands are only transmitted to the light engine following a light source **ON** command from the control pod. The pod cannot be used to control output intensity in conjunction with TTL **ON** and **OFF** commands.
- [2] The current intensity settings are internally stored. When the pod is powered down, the settings are retained and will be restored at the next restart.



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