

Quick Start Guide

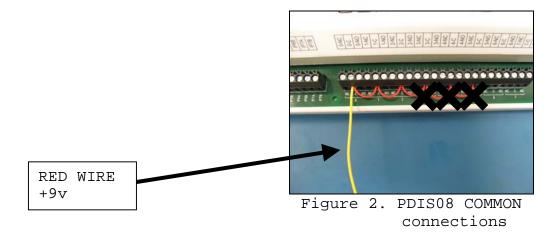
Installing an OLC (LE FBP) Signal Tower on a LaserLinc System

Installing a 3-color Signal Tower with alarm, on a LaserLinc System is accomplished easily by following these steps.

> Color code: gray - unused - tape-off black - Ground to PDIS08 ground connection orange - yellow light green - green light Red - red light blue - audible alarm

Step 2: OLC supplied Signal Towers are 9-12 VDC devices. The supplied pig-tail power adapter will provide this power from the USB-DIO I/O rear panel auxiliary connection.

On the USB-DIO I/O (PDIS08) terminal strip, connect COMMON terminals "C" on outputs 0-2 to the pig-tail RED wire using 18-22AWG hookup wire - daisy-chain as shown below (Figure 2).



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Step 3: Make the following connections from the LE FRB:
Signal Tower's BLACK wire to Power Adapter PIG TAIL BLACK (Ground).
Signal Tower's GREEN wire to PDIS08 terminal 0-NO(normally open).
Signal Tower's ORANGE wire to PDIS08 terminal 1-NO.
Signal Tower's RED & BLUE wire to PDIS08 terminal 2-NO.
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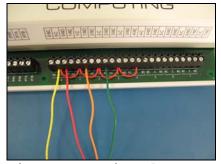


Figure 3. Signal Tower RYG Light Connections

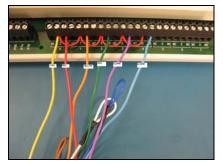


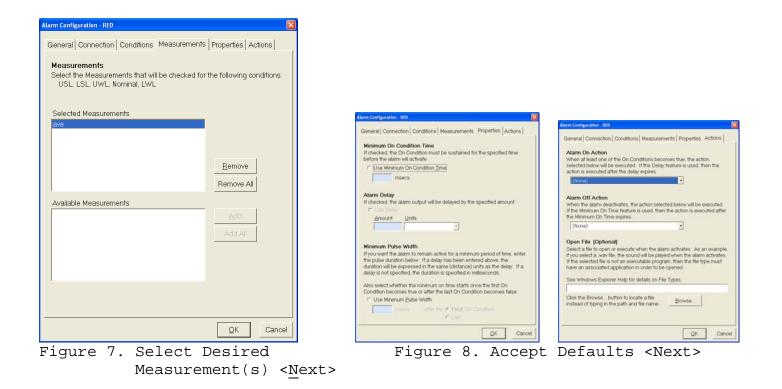
Figure 4. w/ Optional Signal Tower Alarm Connections

- Step 4: Connect pig-tail power connector to USB DIO rear panel.
- Step 5: Start Total Vu. In Configure>Full Configuration>Alarms ICON. Select Add Alarm to launch the alarm wizard. Configure outputs 0,1 & 2 for GREEN, YELLOW & RED lights respectively. Follow wizard screens; Figures 5 - 9 below.

Add Alarm Connection No output - Alarm On and/or Alarm Off actions only	Alarm Configuration - RED General Connection	Conditions Measurements Properties Actions	3	
Select the I/O Device and Output to use for the alarm. Once you select a device, the available outputs for the device will appear in the Outputs list. Digital I/O Device USB-PDISO8-1	Conditions Select the conditions i "Operator Clear" chec off the alarm. Note the			
Device Qutput	On Conditions Measurement Specification USL USL UVVL LVVL LVL LVL LVL LVL LSL LVL Measurement Status Lump Neckdown	Off Conditions Operator Clear F ns Measurement Specifications URL UVL SUVL SUVL SUVL SUL Measurement Status Find of Flaw Avis Blocked		
Logic Mode Select whether the output should be On or Off when any of the alarm conditions are true. Output On when Conditions True Output Off when Conditions True	Axis Blocked Missing Too Many OLD Scamer Status No Scan Beam Blocked No Part	Missing Too Many OLD Scaner Statur No Scan Beam Blocked No Part Low Power ✓		
Figure 5. Select Device Output 0	Figure 6	QKCancel5. Select GREEN's Conditions	ON/OF	



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Add Atom 8 Alarm Name Enter the name for the new alarm. It must begin with a letter or a digit. [] or 1 are illegal. The name may be up to 30 characters in length and t must be unque. It cannot mark any of the names listed below.	🔍 Alarms		
RED	File View		
Existing Alarms (shown for convenience)		🄃 🚯	^
	Add Alarm	RED YELLOW Pi Open	≡
	4 :	Delete Rename	
	GREEN	Disable	<u> </u>
« Back Einish Cancel	1 object(s) selected	Disable	
Figure 9. Enter "GREEN <finish></finish>	" then	Turn on Alt+0 Turn off Alt+1	

Figure 10.





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