

R-1

Instrument Wiring Diagram



Pin 1 (Red - 20ga): Power Lead 3'

Connects to 12- or 24-Volt Bus via 1-amp fuse. Do Not connect the instrument to constant power.

Pin 2 (Black - 20ga): Ground Lead 3'

Connects to ground.

Pin 3 (White - 20ga): External Warning Control Line 3'

Can be connected to a relay to control an external light, buzzer, etc. Grounds when red warning light is on. Current must be limited to 1/10 amp maximum.

Pin 4 (White - 20ga): 12V Backlight Control Line 3'

Backlight control line. Connects to 12-volt bus. 12 volts turn on the digital display backlight. Leave open for a 24-volt system.

Pin 5 (White - 20ga): 24V Backlight Control Line 3'

Backlight control line. Connects to 24-volt bus. 24 volts turn on the digital display backlight. Connect to ground for 12-volt system.

Pin 6 (Red - 20ga): Analog LED Lighting Control Line 3'

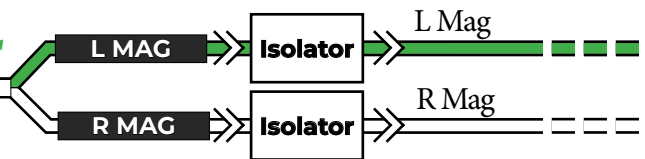
Connects to panel light rheostat. 12/24 volts dims the analog LEDs.

Pin 7 (Green - 20ga):

To Left & Right Mag Leads 6'

Pin 8 (White - 20ga):

CBL-2D-3'



Pin 9 (Green - 20ga): RS-232 Output (Optional)