

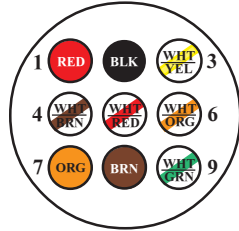
R-1 Wiring Diagram

Do not use screws longer than 1/2" (4 ea.).

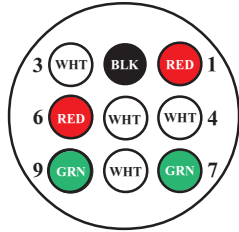


9-Pin Connector

R-1 Instrument Connector →



Wire Harness Connector →



Label on Wire = (XXXX)

Wire Harness

- Pin 1** - Red (PWR) 3' **Power Lead**, connects to 12 or 24 Volt Bus via one amp fuse.
- Pin 2** - Black (GND) 3' **Ground Lead**, connects to Ground.
- Pin 3** - White (EXT WARN) 3' **External Warning Control Line**. 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 (12V BK LT) 3' **12V Backlight Control Line**, connects to Red Power Lead for a 12V system via the power fuse. 12 volts turns on the digital display backlight.
- Pin 5** - White (24V BK LT) 3' **24V Backlight Control Line**, connects to Red Power Lead for a 24V system via the power fuse. **Connect to ground for 12 Volt System.**
- Pin 6** - Red (DIMM) 3' **Analog LED Lighting Control Line**, connects to Panel Light Rheostat. 12/ 24 volts dims the analog LEDs.
- Pin 7** - Green (L MAG) 6' → Isolator ○ To Left Mag Lead.
- Pin 8** - White (R MAG) 6' → Isolator ○ To Right Mag Lead.
- Pin 9** - Green (RS-232) 3' **RS-232 Output (Optional)**