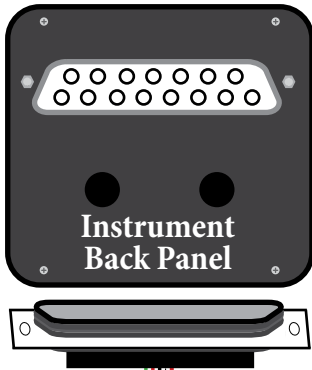


# VA-1A-XX

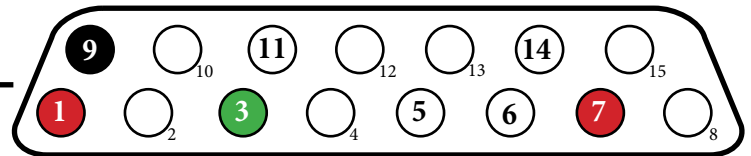
## Wiring Diagram

External Shunt Unit



### D-Sub Connector

The below is a front view of the harness-side connection interface.



15-Pin Connector

Wire Label: (XXXX) Wire Length: X'

**Pin 1 (Red - 20ga): (PWR) 3'**

To Bus via 1-Amp Fuse

**Pin 9 (Black - 20ga): (GND) 3'**

To Ground

**Pin 3 (Green - 20ga): (SHUNT +) 6'**

To Positive (+) Side of Shunt

**Pin 11 (White - 20ga): (SHUNT -) 6'**

To Negative (-) Side of Shunt

**Pin 5 (White - 20ga): (EXT WARN) 3'**

To External Warning Light

*Pulls low when the discharge or high volts light is on.*

**Pin 6 (White - 20ga): (12v BK LT) 3'**

To 12 V Bus (Open for 24 V Backlight)

**Pin 14 (White - 20ga): (24V BK LT) 3'**

To 24 V Bus (Ground for 12 V Backlight)

**Pin 7 (Red - 20ga): (DIMM) 3'**

Front Panel Warning Light Intensity Control

*Open or ground for full bright; bus volt for dimming.*

