

Attaching the Rack Mount Adapters

Units are shipped ready for bench use. To mount a unit in an electronics rack, the adapters must be attached. Each adapter is held in place by two #10 flat head screws; see Figure 1.

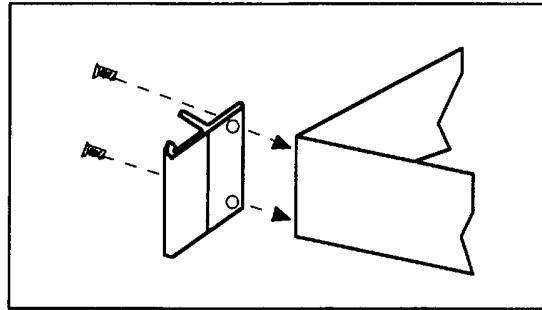


Figure 1. Installing the Rack Mount Adapters

Note: Place each unit in its intended location before attaching any cables or wires to prevent accidental damage to the cables or their connectors.

Line Power

Any power supply used with the DiamondBack must provide a minimum of 1.5 amps, continuous, at 12 to 24 VDC. Although the units will operate at 12 VDC, 13.8 VDC is required to charge the internal UPS battery. This battery charges whenever the input voltage is 13.8 VDC or higher. Full charge takes approximately 16 hours.

Power input is through a 4-pin XLR connector located on the left side of the rear panel; see Figure 2. Be sure that AC outlets are within reach of their 6-foot power cords. The Pin-out of the Power In connector is shown in Table 1.

Pin	Signal
1	ground
2	no connection
3	no connection
4	+12 to 24 VDC

Table 1. Power Input Pin-out