AKRTPS Installation Instructions
Remote Unit Power Supply

The AKRTPS Remote Unit Power Supply is a direct replacement for the AK100PSC. It can be used with the AK100S chassis.

Mounting considerations
- The AKRTPS power supply can be wall or table top mounted near the Aktino 1RU chassis using customary local practice.
- There are two wires within the 6-foot jacketed cable exiting the AKRTPS to connect to the Battery A/B power inputs on the back of the Aktino 1RU chassis. On the opposite end of the power supply, a 6-foot detachable AC power cord (provided) connects the power supply to the wall outlet.
- Do not block any of the air vents on the front or end of the power supply to allow proper ventilation.

Connecting the Power Supply to the AK100S chassis (refer to the Figure 1 below):
1. On the back panel of the Aktino AK100S chassis, connect the power supply's wires to the power block:
   - Loosen the captive thumb screw on the metal panel that covers the power block and wire wrap pins and slide the panel to the left (as viewed from the rear) to remove the panel.
   - Loosen the captive screws on the power block. Insert the ends of the -48 Vdc and Return power wires into the A holes on the left side of the power block. The B holes of the power block are not used.
     - ➢ Black wires should be connected to the -48V inputs
     - ➢ Red wires should be connected to the RTN inputs.
   - Route the power wires towards the left of the back panel (as viewed from the rear) and reinstall the metal panel.
2. Secure the wires to the chassis or rack for a strain relief.

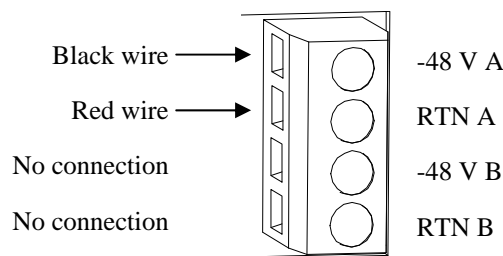

Black wire →	-48 V A
Red wire →	RTN A
No connection	-48 V B
No connection	RTN B

Figure 1 AK100S Power Block