Installing and Cabling the Ultricore Panel

Rack Mounting

Unpack and use the supplied Rack Mount Kit to mount your Ultricore panel in a 19" wide EIA equipment rack.

Note: The supplied Rack Mount Kit MUST be used to mount your Ultricore Panel in a 19" EIA equipment rack to avoid damaging the Ultricore panel.

Network Cabling

LAN or Network Connections

2a. Plug an Ethernet cable from your network into ETHERNET PORT 1. This is the primary network connection for the Ultricore.

2b. If required, plug an Ethernet cable from your network into ETHERNET PORT 2. This is the backup network connection for the Ultricore.

Note: The Ultricore must be connected to the same network as your routing system.

T-Bus Cabling

T-Bus Cabling (if required)

3a. Connect a Ross NK series device to one T-Bus port of the Ultricore panel.

3b. Connect a Ross NK series device to the second T-Bus port on the Ultricore panel.

Note: Passive loop-through connectors.

Power Cabling

4a. Connect one end of an RS-232 or RS-422 cable to COM1, and the other end to the serial device the Ultricore will communicate with.

4b. Connect one end of an RS-232 or RS-422 cable to COM2, and the other end to the second serial device the Ultricore will communicate with.

Serial Cabling (if required)

5. Connect an Ultricore power supply to one (or both) PSU Port on the Ultricore panel and then to Mains Power.

Note: The Ultricore panel powers on automatically when the power supply is plugged in.

Power

Configure the ALARM GPIOs

Contact closure alarm where closed is a system fault, and open is the system running correctly without errors.

GPO ALARM Pinouts

PIN 1 Ground
PIN 2 Alarm-Output
PIN 3 +5VDC 22mA max.

System Alarm Setup

System Alarm Setup

Power

Configure the ALARM GPIOs

Contact closure alarm where closed is a system fault, and open is the system running correctly without errors.

GPO ALARM Pinouts

PIN 1 Ground
PIN 2 Alarm-Output
PIN 3 +5VDC 22mA max.

Setting the IP Address

7a. Launch Dashboard on your PC desktop.

7b. Select File > Show Walkabout.

7c. Click Refresh.

7d. Locate the Ultricore in the Walkabout table.

7e. Use the Address field to specify the IP address. The default is 192.168.20.150. Note: Ultricore does not support Unicode characters.

7f. Click Reboot.

7g. Refer to the Ultricore User Guide for additional steps.