

Rack Mounting

1

Rack Mount

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

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

Network Cabling

2

LAN or Network Connections

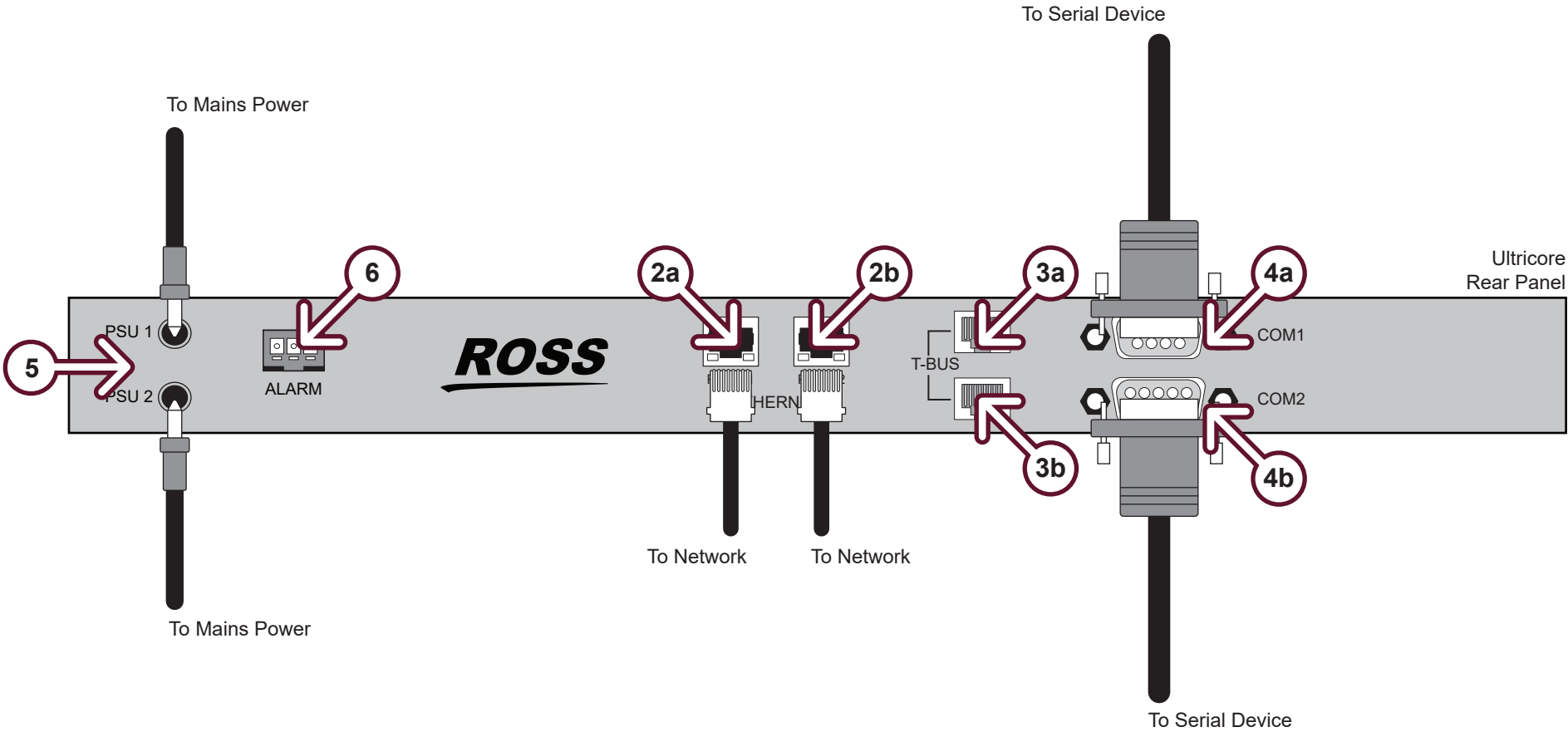
- 2a** Plug an Ethernet cable from your network into **ETHERNET PORT 1**. This is the primary network connection for the Ultracore.
- 2b** If required, plug an Ethernet cable from your network into **ETHERNET PORT 2**. This is the backup network connection for the Ultracore.
- Note:** The Ultracore must be connected to the same network as your routing system.

T-Bus Cabling

3

T-Bus Cabling (if required)

- 3a** Connect a Ross NK series device to one T-Bus port of the Ultracore panel.
- 3b** Connect a Ross NK series device to the second T-Bus port on the Ultracore panel.
- Note:** Passive loop-through connectors.



4

Serial COM Cabling

Serial Cabling (if required)

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

5

Power Cabling

Power

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

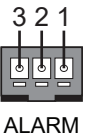
Note: The Ultracore panel powers on automatically when the power supply is plugged in.

6

System Alarm Setup

Configure the ALARM GPIOs

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



GPIO ALARM Pinouts	
PIN 1	Ground
PIN 2	Alarm Output
PIN 3	+5VDC 22mA max.

7

Setting the IP Address

- 7a** Launch DashBoard on your PC desktop.
- 7b** Select **File > Show Walkabout**.
- 7c** Click **Refresh**.
- 7d** Locate the Ultracore in the **Walkabout** table.
- 7e** Use the **Address** field to specify the IP address. The default is 192.168.20.150. **Note:** Ultracore does not support Unicode characters.
- 7f** Click **Reboot**.
- 7g** Refer to the **Ultracore User Guide** for additional steps.