

Rack Mounting

- 1 Mount the router in the rack frame by means of four rack screws fastened through the front mounting ears.

CAUTION: Adequate ventilation within a rack frame must be maintained. Ensure side to side ventilation is not compromised. Refer to the *Ultrix Installation Guide* for more information.

1GbE Network Cabling

LAN or Network 1GbE Connections

- 2a Plug an Ethernet cable from your network into the **ENET 1** port. This is the primary network connection for the router.
- 2b Plug an Ethernet cable from your network into the **ENET 2** port. This is the backup network connection for the router. (optional)

Note: The router must be connected to the same network as the other devices in your routing system.

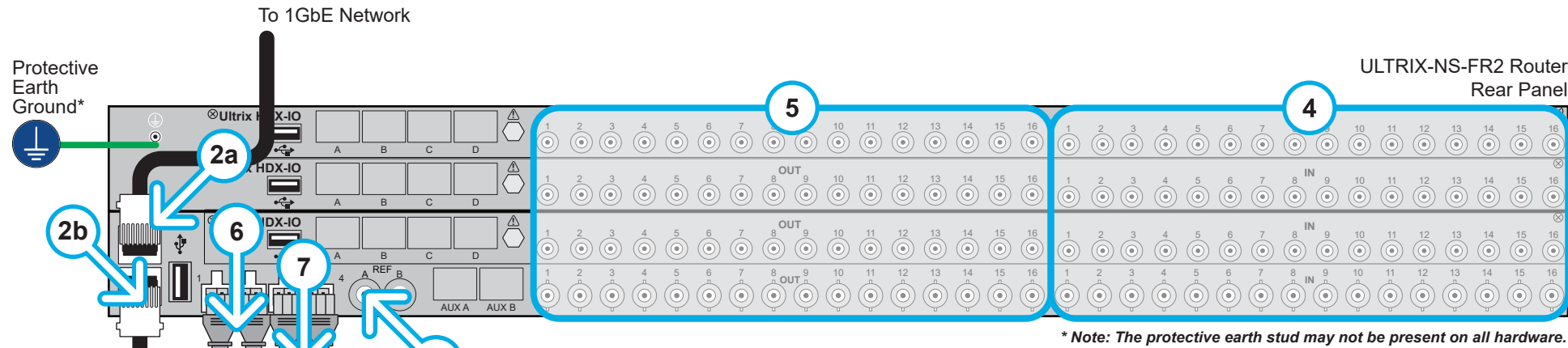
Reference Cabling

- 3a Connect a 75ohm coaxial cable with HD-BNC connectors between the video reference signal output and the **REF A** connector on the router.
- 3b Connect a 75ohm coaxial cable with HD-BNC connectors to the next device in the system or terminate, using an 75ohm HD-BNC terminator, if end of reference link.

Source Cabling

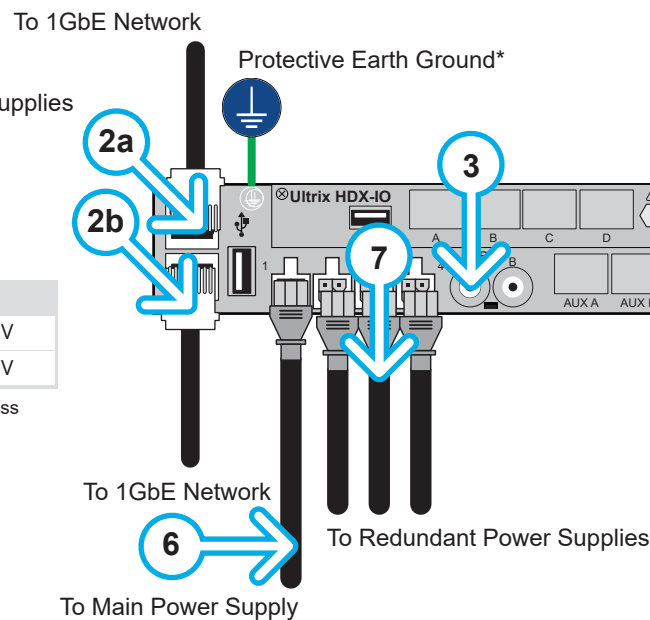
Source Device Cabling

- 4a Connect a 75ohm coaxial cable with HD-BNC connectors between the source device and the input connector on the rear panel of the router.
- 4b Ensure the bayonet connector is locked in place correctly.



Maximum Input Power Consumption			
ULTRIX-NS-FR1	240W max.	16A	15V
ULTRIX-NS-FR2	480W max.	32A	15V

For the latest power numbers for your configuration, refer to the Ross Configuration Tool on our website.



Destination Cabling

Destination Device Cabling

- 5a Connect a 75ohm coaxial cable with HD-BNC connectors between the destination device and the output connector on the rear panel of the router.
- 5b Ensure the bayonet connector is locked in place correctly.

Power Cabling

- 6a Connect the female end of the power cable to any of the power sockets. In the case of a 2RU router, a minimum of two power supplies are required.
- 6b Connect the other end of the power cable to the power supply unit.
- 6c Connect the power supply to a suitable AC mains supply.

NOTICE: The Ultrix router automatically powers on when AC power is applied.

Redundant Power Cabling

Redundant Power Cabling

- 7a Connect any additional power supply units to any available power sockets.
- 7b Repeat for each redundant power supply you wish to install for the router.
- 7c Connect the cables from the power supplies to a suitable AC mains supply.

Setting the IP Address

- 8a Launch DashBoard on your PC desktop.
- 8b Select **File > Show Walkabout**.
- 8c Click **Refresh**.
- 8d Locate the Ultrix in the **Walkabout** table.
- 8e Use the **Address** field to specify the IP address. The default is 192.168.20.140. *Note: Ultrix does not support Unicode characters.*
- 8f Click **Reboot**.
- 8g Refer to the *Ultrix User Guide* for additional steps.