

I/O Labels and Rack Mounting

1

1a Install port labels 1-16 on all I/O slots to simplify cabling and database configuration.

1b 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

2

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

3

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.

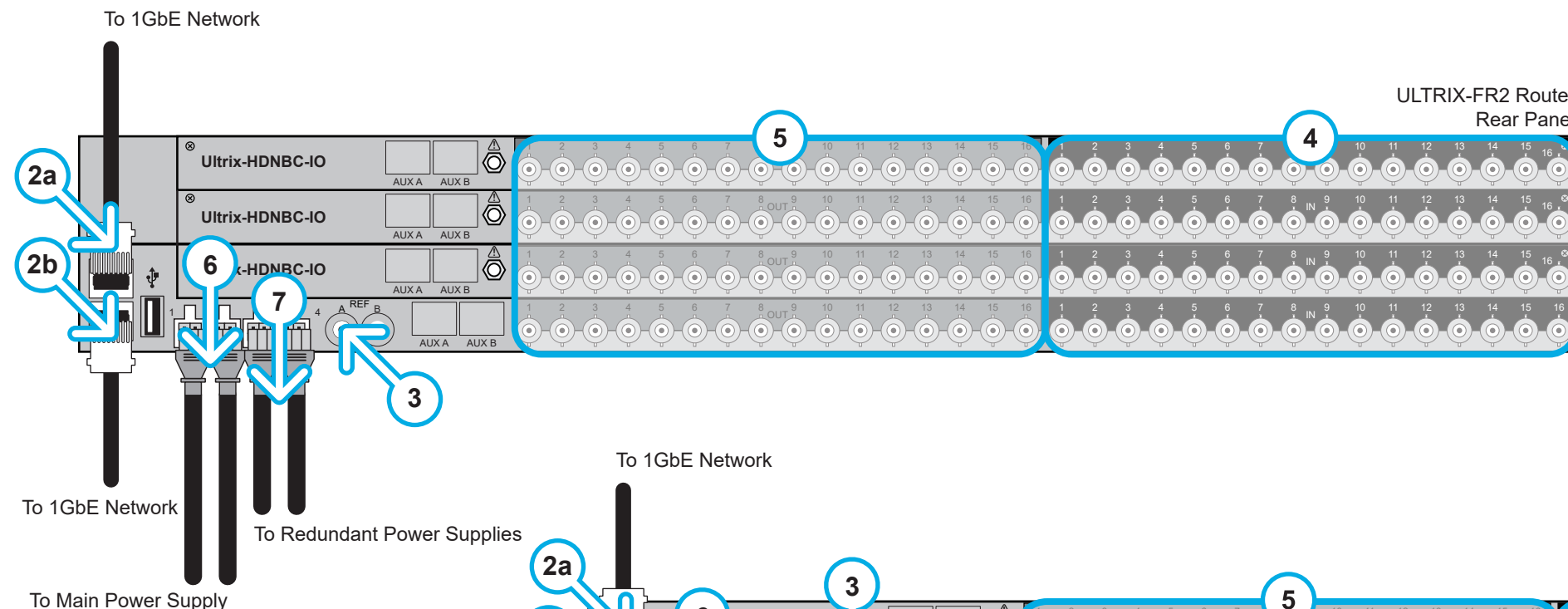
Source Cabling

4

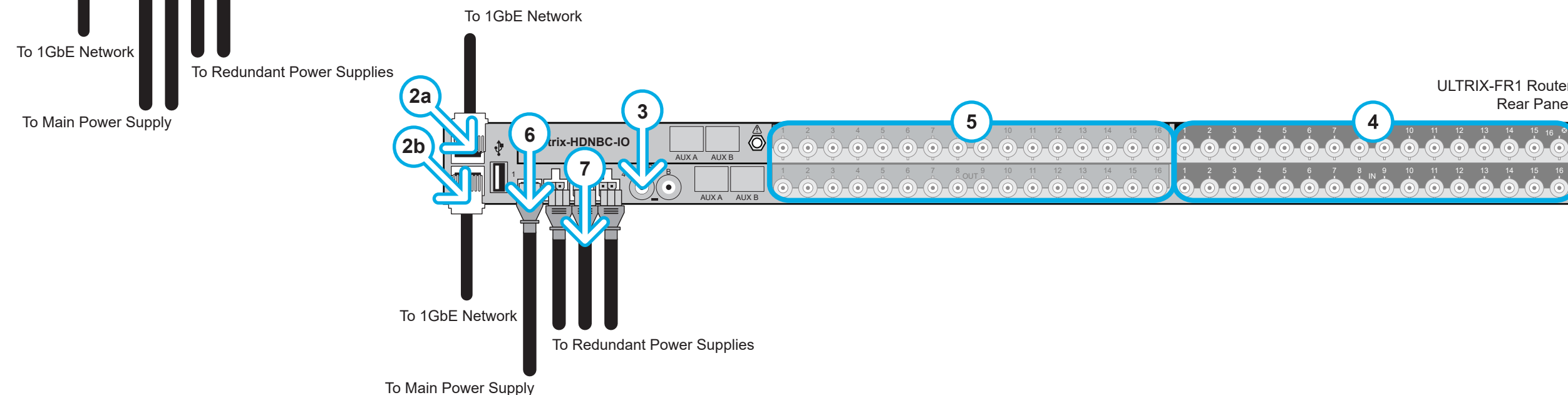
Source Device Cabling

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.



ULTRIX-FR2 Router Rear Panel



ULTRIX-FR1 Router Rear Panel

Destination Cabling

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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.

6

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. **Note:** The router automatically powers on when power is applied.

7

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.

8

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.



Have a question? Call our free, 24-hour technical support hotline to speak with a live product specialist located right here in our facility.

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