

Before You Begin

!

Obtain an SID Code

Before inserting the NWE-TS into your program path, determine if this replaces a current hardware solution or will be used for a new service. If this will be used for a new service or distribution path, you will need to obtain a Source Identification (SID) code from Nielsen. The SID is a unique identifier assigned to each source of creative. Please contact the **Nielsen Encoder Support Group** by telephone at **1-800-537-4872** or by e-mail at **encoders@nielsen.com**. Be prepared to give them the Serial Number of your NWE-TS.

Rack Mounting

1

1a Unpack and use the supplied Rack Mount Kit to mount your NWE-TS in a 19" wide by 30" deep EIA equipment rack.

Note: The supplied Rack Mount Kit **MUST** be used to mount your NWE-TS in a 19" x 30" EIA equipment rack to avoid damaging the NWE-TS.

1b Ensure the **BYPASS** button is in the BYPASS position.

ATSC Transport Stream Cabling

2

ASI IN and OUT Connections

2a Connect a DVB-ASI signal containing a 19.39Mbps ATSC Transport Stream to the **ASI IN** BNC.

2b Connect the **ASI OUT** BNC to your downstream equipment that uses an ATSC Transport Stream as its input.

Network Cabling

3

Local Area Network

Plug an Ethernet cable from your Local Area Network into the **Gb1** Ethernet 10/100/1000 port on the NWE-TS rear panel.

Ensure that the NWE-TS is on the same network as your DashBoard client computer.

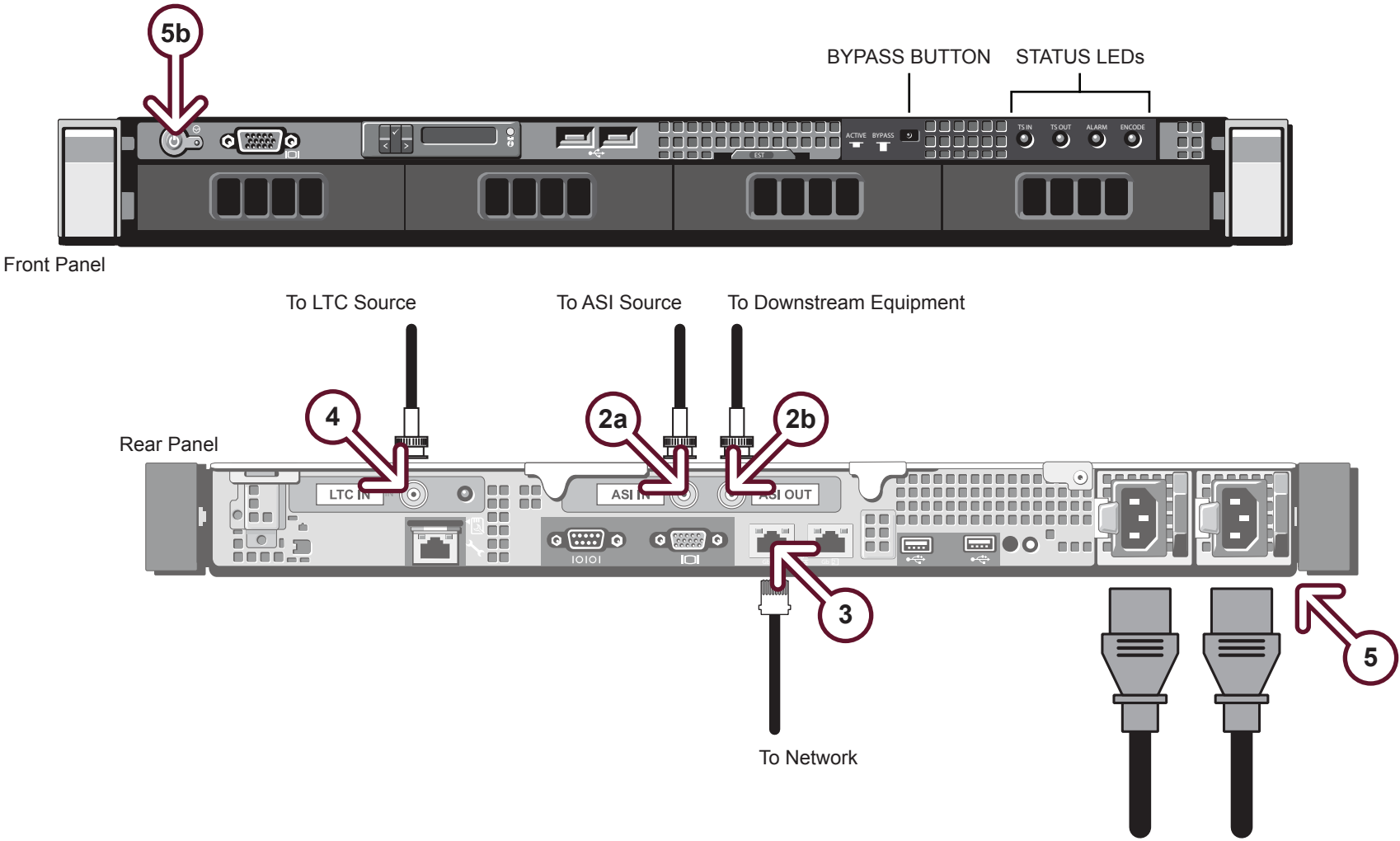
Time Source Cabling

4

LTC or NTP Connection

To use LTC as the time source for the NWE-TS, connect a SMPTE 12M unbalanced LTC source to the **LTC IN** BNC. OR

To use NTP as the time source for the NWE-TS, the NTP server needs to be accessible on the network connected to the NWE-TS. Consult your IT department.



Nielsen Encoder (+1) 800 • 537 • 4872
Support Group encoders@nielsen.com

Ross Video (+1) 613 • 652 • 4886
Technical Support techsupport@rossvideo.com

Power Up

5

5a Connect an **AC Power Cord** to each **AC Port** on the NWE-TS and then to Mains Power.

Note: The NWE-TS power supplies are auto-sensing and can use either 110 VAC or 220 VAC. NWE-TS is equipped with two power supplies in a redundant configuration.

5b Press the **Power** button on the front of the NWE-TS.

Note: The NWE-TS startup process includes drive initialization, which takes a few minutes to complete.

Startup

6

Obtain an IP Address

By default, the NWE-TS is set to DHCP. If you want to use a static IP address, you need to temporarily connect the NWE-TS to a network that has DHCP in order to set the IP address. If you don't have access to a network with DHCP, refer to the section “Ethernet Communications” in the *NWE-TS User Manual* for details.

7

Install DashBoard

Ensure that you have a computer installed with DashBoard version 5.0.0 or higher connected to the network.

The DashBoard software and user manual are available from the Ross Video website.

8

Launch DashBoard

8a Double-click the DashBoard icon on the desktop of the DashBoard client computer.

8b Verify that the NWE-TS node is displayed in the Tree View of the DashBoard window (left-side of the window). If not, consult the *DashBoard User Manual*.