Cabling Your NWE-IP

CAUTION Before you set up and operate your NWE-IP, refer to the "Important Regulatory and Safety Notices to Service Personnel" document that was included with your NWE-IP. For additional information, visit the Dell website http://www.dell.com/downloads/global/corporate/environ/comply/enterprisesafety1_english.pdf.

Rack Mounting

1

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

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

Network Cabling

2

2a Connect an Ethernet cable from your Microsoft® Windows® PC into the **Gb1** Ethernet 10/100/1000 port on the NWE-IP. This is the connection used to interface with the computer running the DashBoard client.

Note: *Ensure the NWE-IP is on the same network as the DashBoard client computer.*

2b Connect Ethernet cables from your media network into the **NET1** and **NET2** ports on the NWE-IP. These are the connections the NWE-IP uses to interface with the PTP Grandmaster and for receiving/transmitting network streams.

Assigning an IP Address on the PC

3

3a On your Microsoft® Windows® PC, set the IP address of the port connected to the NWE-IP to 192.168.0.101.

3b On your Windows PC, set the Netmask value of the same port to 255.255.255.0.

Power Up

4

4a Connect an AC Power Cord to each **AC Port** on the NWE-IP and then to Mains Power.

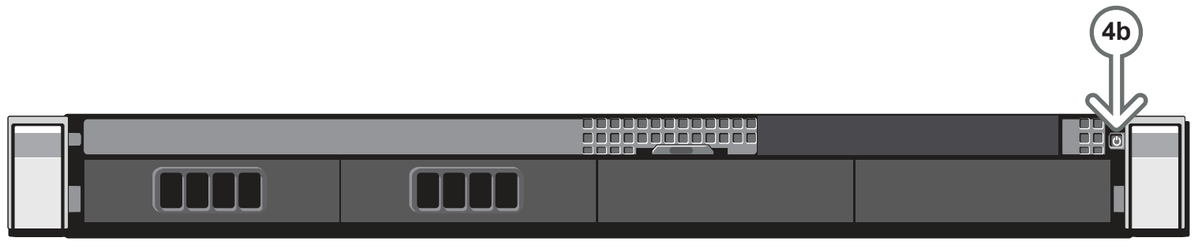
Note: *The NWE-IP power supplies are auto-sensing and can use either 110 VAC or 220 VAC. The NWE-IP is equipped with two power supplies in a redundant configuration.*

4b Press the **Power** button on the front of the NWE-IP.

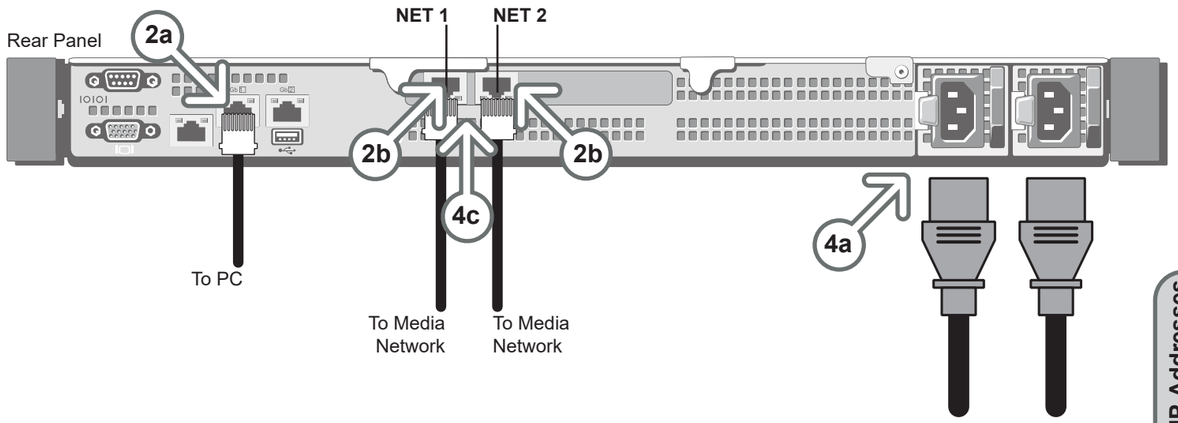
Note: *The NWE-IP startup process includes drive initialization, which takes a few minutes to complete.*

4c Verify that the lower right LED on each **NET** port is lit green.

! By default, the Gb1 port on the NWE-IP is assigned an IP address of 192.168.0.100.



Front Panel



Before You Begin

!

Obtain an SID Code

Before inserting the NWE-IP 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-IP.

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

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

Assign Static IP Addresses

7

7a Click **Edit** on the **Gb1** sub-tab.

7b Use the **Method** menu to specify **Manual**.

7c Use the **Address** field to enter a new IP Address for the Gb1 port.

7d Click **Apply**. The NWE-IP restarts to apply the Gb1 port changes.

7e Repeat steps 7a-7d for the **NET1** and **NET2** ports. Ensure to assign 0.0.0.0 as the Gateway and DNS values for **NET1** and **NET2**.

Note: *The NWE-IP only restarts after the Gb1 port values are updated. If the NET1 or NET2 port values change, clicking Apply will not re-start the NWE-IP.*

7f Connect the **Gb1** port to your control network.

7g In DashBoard, select **About** > **Factory Default**.

Add NWE-IP to Tree View

5

5a Launch DashBoard by double-clicking the DashBoard icon on the desktop of the DashBoard client computer.

5b From the main toolbar in DashBoard, select **File** > **New** > **TCP/IP DashBoard Connect or openGear device.**
The **New TCP openGear Frame Connection** dialog opens.

5c In the **IP Address** field, enter the default IP Address of 192.168.0.100.

5d Click **Detect Frame Information** to auto-populate the other fields.

5e Click **Finish** to close the dialog.
The NWE-IP node now displays in the DashBoard Tree View

Access in DashBoard

6

6a Locate the **NWE-IP** node in the DashBoard Tree View.

6b Expand the **NWE-IP** node.

6c Double-click the **Global** sub-node.

6d Select the **Ethernet** tab.

6e Select the **Gb1** sub-tab (located on the **Ethernet** tab).

Rename the Outputs

8

Note: *It is highly recommended to rename the Watermark outputs in the Connections tab before configuring them in other interfaces.*

8a Double-click the **AES67 Receivers** sub-node.

8b Select the **Connections** tab.

8c Select a **Output Name** button in the **Routing Selection** area.

8d Enter a unique identifier for the button.

8e Repeat steps 8c and 8d for each Watermark button.

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