### Cabling Your NWE-IP

#### 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** (+1) 800 • 537 • 4872
Support Group encoders@nielsen.com

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

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

#### Assigning an IP Address on the PC

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.

Assign IP addresses on the NWE-IP to match the IP address values of the NICs on your PC.

**Power Up**

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

**Network Cabling**

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.

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

**Assigning an IP Address on the PC**

On your Windows PC, set the Netmask value of the same port connected to the NWE-IP to 192.168.0.101.

**Connect Ethernet**

Connect Ethernet cables from your media network into the NET1 and NET2 ports on the NWE-IP.

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

**Assign Static IP Addresses**

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.

**Repeat steps 7a-7d for each Watermark button.**

**Assign the Outputs**

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 8b and 8c for each Watermark button.

**Access in Dashboard**

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).