11 Connect AC Power

- If you are connecting to an automation system, make sure the power switch on the automation system is off. Attach an AC cord to the AC connector on the automation system.
- MediaDeck does not have any power switch. To take full advantage of the dual redundant power supplies on the MediaDeck, ensure that separate, isolated power sources are available. Connect AC cords to the two AC connectors on the MediaDeck.

**Important:** Do not plug in the AC cords into AC power sources yet. Connecting to AC power sources will turn on the MediaDeck.

12 Power Up the System

- 1. If you are connecting to an automation system, make sure the power switch on the automation system is on. Both entries are case sensitive.

13 Run SystemManager

- To run SystemManager and begin using your MediaDeck, and for an overview of ChannelPort configuration, refer to “Getting Started with SystemManager” in the Spectrum MediaDeck 7000 User Guide.
- Reading the Port Status Display

The following illustration identifies the types of information available on the port status display on the front panel:

![Port Status Display](image1)

**NOTE:** Make sure the display is on.

To stop the flashing, resolve the alarm on the flash display.

The Port Status Display shows you what the display of a static color bar pattern on any or all of the SDI Output connectors, which can be used to verify operability. For more details, refer to “Port Status Display” in the Spectrum MediaDeck 7000 User Guide.

14 Replacing Components

- To replace components for your MediaDeck, refer to the Spectrum™ System Component Replacement Guide in your MediaDeck kit.
- The Component Replacement Guide includes the following sections:
  - Replacing the Board
  - Replacing a Drive
  - Replacing a Power Supply
  - Replacing a MediaPort or ChannelPort Module
  - Replacing the Chassis

15 MediaPort and ChannelPort Options

- MediaPort 7000 and ChannelPort Module Options

The table to the right shows available MediaPort 7000 and ChannelPort module options. Note that ChannelPort modules also support the license upgrade to add MPEG-2 support to enable Dual DVE functionality on a ChannelPort module (2 ch).

<table>
<thead>
<tr>
<th>Model</th>
<th>Capacity</th>
<th>License Options</th>
<th>Additional License Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>VC3R</td>
<td>CPT</td>
<td>CPL</td>
<td>SPL</td>
</tr>
<tr>
<td>VC3</td>
<td>CPT</td>
<td>CPL</td>
<td>SPL</td>
</tr>
<tr>
<td>DMS</td>
<td>M2S</td>
<td>SPL</td>
<td>SPL</td>
</tr>
<tr>
<td>DVS</td>
<td>APR</td>
<td>SPL</td>
<td>SPL</td>
</tr>
</tbody>
</table>

License Options

The table to the right shows products for licensed features for MediaPort 7000 and ChannelPort modules. Note that ChannelPort supports Play only.

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</tbody>
</table>

Additional License Options

The table to the right shows additional licensed features available for MediaPort 7000 and ChannelPort modules. Note that the IDs beginning with “VC3” are available for ChannelPort modules only.

**Note:** For complete environmental, power, racking, and cable requirements, refer to the Spectrum MediaDeck 7000 User Guide.
Connect to your Gigabit Ethernet Network (Continued)

Connect to a File Transfer System (Recommended)

3. Attach an Ethernet cable to the Ethernet port on one of the MediaPort 7000 or ChannelPort modules, and then attach the other end to an open port on the Ethernet switch.

4. Attach an Ethernet cable to the Ethernet switch, and then attach the other end to an open port on your file transfer system.

Note: Do not use the NIC 2 port on the SystemManager Platform, or an open LAN port on your client PC. Attach the other end of the Ethernet cable to the Ethernet switch.

6. Connect to your Gigabit Ethernet Network

Connect to your Gigabit Ethernet Network

To install either the SystemManager Platform or the software-only version of SystemManager, refer to the Harmonic SystemManager Installation Guide for details.

1. Connect reference video to the NIC 1 port on the SystemManager Platform, or an open LAN port on your client PC. Attach the other end of the Ethernet cable to the Ethernet switch.

2. Connect reference video to the Ethernet port on one of the MediaPort 7000 or ChannelPort modules, and then attach the other end to an open port on the Ethernet switch.

Note: Do not use the NIC 2 port on the SystemManager Platform unless you have configured SystemManager as a client, or you are using the NSA-2040. Refer to the Harmonic SystemManager Installation Guide for details.

3. Connect audio and video I/O to your Specturm ChannelPort 8100/8200.

4. Connect to your Gigabit Ethernet network.

5. Connect GPIO/RS-422 (Optional)

The following diagram describes the functionality of GPIO connectors for the MediaPort 7000 module. Your system configuration and specific output Needs requirements may differ.


The MediaPort 7000 and ChannelPort modules have a female GPIO connector that can be connected to an external device and used to control systems. On a ChannelPort, this connector also provides RS-422 signals that can be used to monitor status or to connect to an emergency alert system (EAS). The following describes the connector pinouts.

The following diagram describes the functionality of GPIO connectors for the MediaPort 7000 module. Your system configuration and specific output needs requirements may differ.