Avid AirSpace

Requirements
• Video Server Control software option
• If you are using multiple video channels on the AirSpace, each channel should be assigned to a separate Remote Port, or a Port Expander should be used.
• Serial Interface Cable (DB9 to DB9)

Port Connections

<table>
<thead>
<tr>
<th>Switcher</th>
<th>Video Server</th>
</tr>
</thead>
<tbody>
<tr>
<td>Communications</td>
<td>REMOTE Port (female)</td>
</tr>
<tr>
<td>Video</td>
<td>Input BNC</td>
</tr>
</tbody>
</table>

Cable Connectors

![DB9 to DB9 Cable](image)

Pinouts

<table>
<thead>
<tr>
<th>Switcher</th>
<th>AirSpace</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 (Rx-)</td>
<td>2 (Tx-)</td>
</tr>
<tr>
<td>3 (Tx+)</td>
<td>3 (Rx+)</td>
</tr>
<tr>
<td>7 (Rx+)</td>
<td>7 (Tx+)</td>
</tr>
<tr>
<td>8 (Tx-)</td>
<td>8 (Rx-)</td>
</tr>
</tbody>
</table>

Switcher Setup

To Set Up Communications
1. Press HOME ⇒ Setup ⇒ Installation ⇒ Com Setup ⇒ Type.
   • Use the Com Port knob to select the REMOTE X port that you connected the AirSpace to.
   • Use the Device knob to select VTR (CLIP).
2. Press Select Device.
   • Use the Device knob to select VDCP.
3. Press Com Type.
   • Use the Type knob to select RS-422.
4. Press Com Settings.
   • Use the Baud knob to select 38400.
   • Use the Parity knob to select ODD.
5. Press Extra Options.
   • Use the Option knob to select TargetMachine.
   • Use the Value knob to select AirSpace. The remaining options are set automatically.
6. Press HOME ⇒ Confirm.

To Set Up Video Inputs
1. Press HOME ⇒ Setup ⇒ Installation ⇒ BNC ⇒ BNC Type.
   • Use the BNC knob to select the input BNC that the video output of the AirSpace is connected to.
   • Use the Type knob to select VTR.
   • Use the Video Format knob to select the video format of the video output of the AirSpace.
   • Use the Controller knob to select the port on the switcher that you assigned the AirSpace to.
3. Press VDCP Setup.
   • Use the Channel knob to select the channel on the AirSpace that you want to assign to the BNC.
   • Use the SubAddress knob to select 0.
4. Press HOME ⇒ Confirm.

Device Setup
Using the AirSpace application, set the following:
2. Select the Channel that you want to control.
3. In the Protocol list, click VDCP.
4. In the Port list, click the serial port on the AirSpace that is connected to the switcher.

Note: Ensure that Max Event ID Length on the AirSPACE System Configuration is set to 31.
Troubleshooting

If the device is communicating properly, but you cannot gain control from the switcher, try cycling through different values for the SubAddress, and then the Channel. The most common settings are as follows:

- Channel set to the video channel number and SubAddress set to 0.
- Channel set to the video channel number and SubAddress set to the serial communications port on the video server.

Compatibility

<table>
<thead>
<tr>
<th>Video Server</th>
<th>Version</th>
</tr>
</thead>
<tbody>
<tr>
<td>Avid AirSpace</td>
<td>–</td>
</tr>
</tbody>
</table>

**Switchers**

<table>
<thead>
<tr>
<th>Switcher</th>
<th>Version</th>
</tr>
</thead>
<tbody>
<tr>
<td>Synergy 1 SD</td>
<td>16.0</td>
</tr>
<tr>
<td>Synergy Series SD</td>
<td>15.0</td>
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<tr>
<td>Synergy MD/X</td>
<td>4.1</td>
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<tr>
<td>Vision QMD/X</td>
<td>14.0</td>
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<tr>
<td>Vision MultiPanel Support</td>
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**Automation**

<table>
<thead>
<tr>
<th>Automation</th>
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</tr>
</thead>
<tbody>
<tr>
<td>OverDrive</td>
<td>10</td>
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</table>

**Port Expanders**

<table>
<thead>
<tr>
<th>Port Expander</th>
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</thead>
<tbody>
<tr>
<td>BSS4</td>
<td>✓</td>
</tr>
<tr>
<td>Control DeviceMaster</td>
<td>✓</td>
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</tbody>
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