**Important:** Due to the power demands of Cisco’s SpeakerTrack 60, it is best practice to utilize SCT’s provided RC-RKL™ rack shelf to facilitate ventilation.

**Module Dimensions**

- **RC6-CE™:** 4.875”H x 5.25”W x 1.0625”D
- **RC6-HE™:** 1.375”H x 7.3125”W x 5.3125”D

**LINK Cable Specs**

- Integrator-Supplied CAT6 STP Cable EIA568A or EIA568B (Min. 30’ to 300’ Max)

**RJ45 Pinout**

- **Pin 1**
- **Pin 2**
- **Pin 3**
- **Pin 4**
- **Pin 5**
- **Pin 6**
- **Pin 7**
- **Pin 8**
- **T-568A**
- **T-568B**

**Power Supply**

- WPS-48 48VDC
- 100-240V-47-63Hz

**RC5-HE™**

- 3’ UTP Cable
- Precision 60 Camera Deployment

**RC6-CST™ Application Guide**

- Updated: 5/14/2020
TEST YOUR SCTLink™ CABLE

We highly recommend using an Ethernet Network Tester/Analyzer alongside our provided PowerSniffer to confirm your SCTLink™ wiring. Our PowerSniffer only tests conductor continuity and will not identify data integrity or capacity issues.

1. Test and verify your CAT6 SCTLink™ cable for STP 568A/568B. This cable must be between 30ft - 300ft.
2. Connect the provided PowerSniffer to the SpeakerTrack end of your CAT6 SCTLink™ cable.
3. Connect the other end of the SCTLink™ cable to the “SCTLink™” connection on the Head End module.
4. Connect the WPS-48 power supply to the Head End module.
5. Connect the WPS-48 power supply to AC mains.
6. If the SCTLink™ cable is properly terminated, it will display eight GREEN LEDs.
   If you get any other result, stop and re-terminate cable.
7. Once your SCTLink™ cable has been tested, please disconnect the WPS-48 power supply from the RC6-HE module, and the PowerSniffer from the SCTLink™ cable, before proceeding to install.

INSTALL THE EXTENSION KIT

Before integrating your RC6-CST™ kit, please ensure your Cisco SpeakerTrack base is connected to your two Cisco Precision 60 cameras (Power and Ethernet connections) via Cisco’s instructions.

Connect the camera-end cables:
1. Connect the first RCC-C011 video cable between the RC6-CE’s HDMI connector labeled “HDMI INPUT 1” and the first camera's HDMI connector. The 270° HDMI end will connect to the RC6-CE.
2. Connect the second RCC-C011 video cable between the RC6-CE’s HDMI connector labeled “HDMI INPUT 2” and the second camera’s HDMI connector. The 270° HDMI end will connect to the RC6-CE.
3. Connect the first RCC-H016 control cable between the RC6-CE’s RJ45 connector labeled “Ethernet” and the SpeakerTrack’s rightmost RJ45 connector.
4. Connect the PPC-010-1M power cable between the RC6-CE’s power output labeled “12VDC Output” and the SpeakerTrack’s power input.

Connect the codec-end cables:
5. Connect the second RCC-H016 cable between the Cisco supported codec’s RJ45 control connector and the RC6-HE’s RJ45 connector labeled ‘Ethernet 1’.
6. Connect the first RCC-H001 cable between the codec’s HDMI connector and one of the two HDMI outputs labeled “HDMI OUT 1”.
7. Connect the second RCC-H001 cable between the codec’s second HDMI connector and one of the two RC6-HE’s HDMI connectors labeled “HDMI OUT 2”.
8. Connect one end of your Cat6 LINK cable to the RC6-HE module’s “SCT Link” port. Connect the other end to the RC6-CE module’s “SCT Link” port.

Installation Status - Refer to our modules’ LEDs for installation status.
For assistance troubleshooting INACTIVE LED statuses, please contact Tech Support at 203-854-5701.

<table>
<thead>
<tr>
<th>MODULE</th>
<th>LED LABEL</th>
<th>ACTIVE STATUS</th>
</tr>
</thead>
<tbody>
<tr>
<td>RC6-CE</td>
<td>OK LED</td>
<td>Blinking Green (~1 second interval)</td>
</tr>
<tr>
<td>RC6-HE</td>
<td>OK LED</td>
<td>Blinking Green (~1 second interval)</td>
</tr>
<tr>
<td>RC6-HE</td>
<td>LINK LED</td>
<td>Solid Blue</td>
</tr>
<tr>
<td>RC6-HE</td>
<td>HDCP LED</td>
<td>Blinking Green (~0.5 second interval)</td>
</tr>
</tbody>
</table>

Cable Table - Part numbers, descriptions and functions of all SCT cables provided for the RC6-CST™.
This kit is also inclusive of [2] mount ears for the Camera End module and [1] RC-RK6/7™ Rack Shelf.

<table>
<thead>
<tr>
<th>CABLE</th>
<th>DESCRIPTION</th>
<th>FUNCTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>RCC-C011 (x2)</td>
<td>3' 270° HDMI Cable</td>
<td>Video connection between camera pair and RC6-CE.</td>
</tr>
<tr>
<td>PPC-010-1M</td>
<td>3' Power Cable</td>
<td>Supplies power from RC6-CE to SpeakerTrack base.</td>
</tr>
<tr>
<td>RCC-H001 (x2)</td>
<td>3' HDMI Cables</td>
<td>Dual-video connection between RC6-HE and codec.</td>
</tr>
<tr>
<td>RCC-H016 (x2)</td>
<td>3' RJ45 to RJ45</td>
<td>Control connection between RC6-HE and codec.</td>
</tr>
</tbody>
</table>
<pre><code>           |                       | Control connection between SpeakerTrack and RC6-CE.            |
</code></pre>

Power Supply Specifications (AC-Mains Side): Input Voltage: 100VAC to 240VAC 47Hz to 63Hz. Efficiency: 85% minimum. Turn-on Surge: Less than 60 amperes for a duration less than 1mS. Power Factor: 0.9 minimum (where applicable). 48VDC power supply uses 2.80 amperes AC maximum. All specifications subject to change without notice.

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