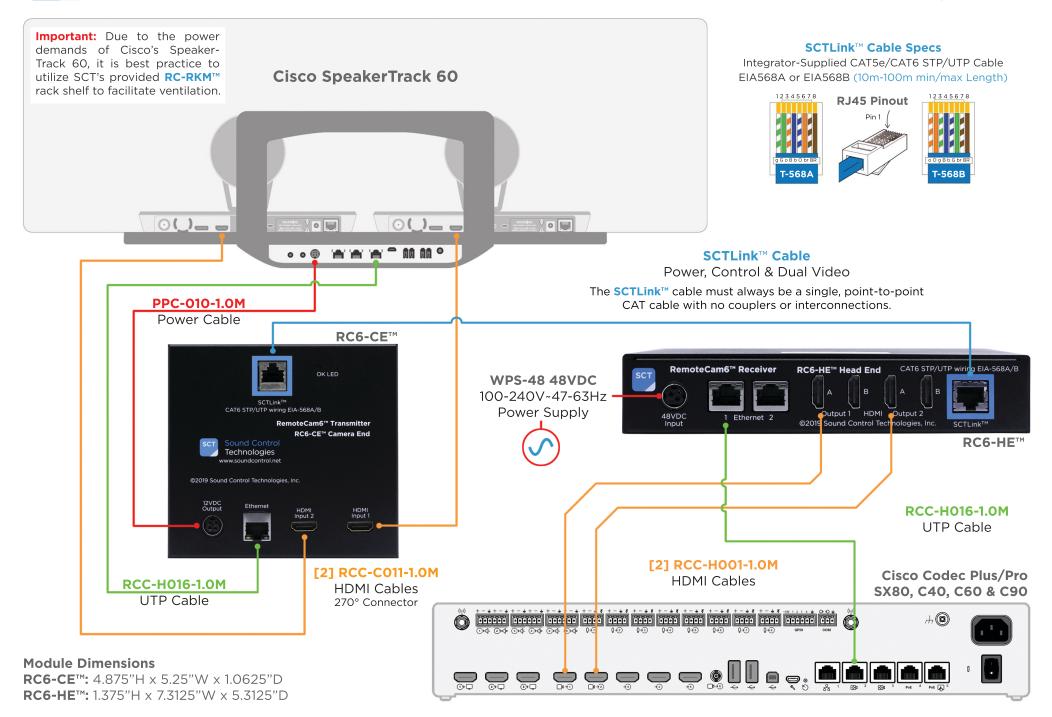
RC6-CST™ Application Guide

Updated: 1/28/2021





RC6-CST™ Installation Instructions

Updated: 1/28/2021

Supporting the Cisco SpeakerTrack 60, Cisco Codec Plus, Codec Pro, SX80, C40, C60 & C90

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.

- Test and verify your CAT6 STP or FUTP SCTLink™ cable for EIA568A or EIA568B.
 The SCTLink™ cable must be between 10m (minimum) and 100m (maximum) length.
- 2. Connect one end of the SCTLink™ cable to the "SCTLink™" connection on the Head End module.
- 3. Connect the other end of your SCTLink™ cable to the provided PowerSniffer.
- 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:

- Connect the first RCC-C011-1.0M 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.
- Connect the second RCC-C011-1.0M 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 RCC-H016-1.0M control cable between the RC6-CE's RJ45 connector labeled "Ethernet" and the SpeakerTrack's rightmost RJ45 connector.
- 4. Connect the PPC-010-1.0M 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-H016-1.0M 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-H001-1.0M cable between the codec's HDMI connector and one of the two HDMI outputs labeled "HDMI OUT 1".
- 7. Connect the second RCC-H001-1.0M 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 SCTLink™ cable to the RC6-HE module's "SCTLink™" port. Connect the other end to the RC6-CE module's "SCTLink™" port.
- 9. Connect the WPS-48 Power Supply to the "48VDC Input" jack on the RC6-HE Module.

ALLOW UP TO TWO MINUTES FOR THE SPEAKERTRACK SYSTEM TO INITIALIZE

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

MOD	ULE LE	D LABEL	ACTIVE STATUS
RC6-	CE OK	(LED	Blinking Green (~1 second interval)
RC6-I	HE OK	< LED	Blinking Green (~1 second interval)
RC6-I	HE LIN	NK LED	Solid Blue
RC6-I	HE HD	OCP LED	Blinking Green (~0.5 second interval)

Cable Table - Part numbers, descriptions and functions of all SCT cables provided for the **RC6-CST™**. This kit also includes [1] **RC-RKM™** Rack Shelf.

CABLE	DESCRIPTION	FUNCTION
RCC-C011-1.0M (x2)	270° HDMI Cable	Video connection between camera pair and RC6-CE.
PPC-010-1.0M	Power Cable	Supplies power from RC6-CE to SpeakerTrack base.
RCC-H001-1.0M (x2)	HDMI Cables	Dual-video connection between RC6-HE and codec.
RCC-H016-1.0M (x2)	RJ45 to RJ45	Control connection between RC6-HE and codec.
		Control connection between SpeakerTrack and RC6-CF.

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.