



Supporting the Polycom EagleEye Director II and Group Series 300, 500, 700 & 7500 Codecs

### TEST YOUR LINK CABLE

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

1. Test and verify your CAT6 LINK cable for UTP 568A/568B. Link cable must be between 30ft - 300ft. **The LINK cable between the RC7-CE module (transmitter) & RC7-HE module (receiver) must always be a single, point-to-point CAT cable with no couplers or interconnections.**
2. Connect the provided PowerSniffer to the EagleEye Director II end of your CAT6 LINK cable.
3. Connect the other end of the LINK cable to the 'SCT LINK' 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 SCT LINK cable is properly terminated, it will display eight GREEN LEDs. If you get any other result, **stop and re-terminate cable.**
7. Once your cable has been tested, please disconnect the WPS-48 power supply from the RC7-HE module, and the PowerSniffer from the LINK cable, before proceeding to install.

### INSTALL THE EXTENSION KIT

Before integrating your RC7-PD2 extension kit, please ensure your Polycom EagleEye Director II base is connected to your two EagleEye IV cameras (Power and Ethernet connections) via Polycom's instructions.

#### Connect the camera-end cables:

1. Connect the RCC-C030 mini-HDCI end to the mini-HDCI input on the EagleEye Director II base.
  - Connect the RCC-C030 HDMI branch cable to the RC7-CE's HDMI "Output 1" port.
  - Connect the 9pin branch cable to the RC7-CE's "Power Serial/IR" port.
2. Connect the RCC-C016 1' Audio Cable between the RC7-CE "Line Out" port and the EagleEye Director II's audio TRS input.
3. Connect the PPC-015 Power Cable between the EagleEye Director II's power input and the RC7-CE's power input, labeled "12VDC Output".

4. Connect the RCC-H030's HDCI end to the primary HDCI input on the Group Series codec.
  - Connect the HDMI branch cable to the RC7-HE's HDMI "Output 1" port.
  - Connect the 9Pin branch cable to the RC7-HE's port labeled 'Serial/IR'.
5. Connect the Polycom supplied audio cable between the RC7-HE's "Line In" port and the Group Series Codec's audio inputs.

#### Connect and Initiate the Extended System:

6. Connect one end of your Cat6 LINK cable to the RC7-HE module's "SCT Link" port. Connect the other end to the RC7-CE module's "SCT Link" port.
7. Connect the WPS-48 Power Supply to the RC7-HE.

#### Connect the codec-end cables:

• ALLOW UP TO TWO MINUTES FOR THE EAGLEEYE DIRECTOR II 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.

MODULE	LED LABEL	ACTIVE STATUS	INACTIVE STATUS
RC7-CE	OK LED	Blinking Green (-1 second interval)	Blinking or Solid Red
RC7-HE	OK LED	Blinking Green (-1 second interval)	Blinking or Solid Red
RC7-HE	LINK LED	Solid Green	Solid Red or Dormant

**Cable Table** - Part numbers, descriptions and functions of all provided SCT cables.

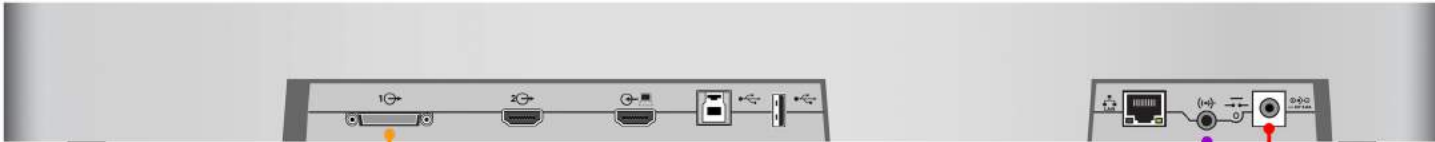
This kit includes [1] RC-RKL Rack Shelf.

CABLE	DESCRIPTION	FUNCTION
RCC-C030	HDMI/9pin to Mini-HDCI Cable	Video/control connection between Director II base and RC7-CE Module.
RCC-C016	Audio Cable	Audio connection between Director II base and RC7-CE module.
PPC-015	Power Cable	Supplies power from RC7-CE module to the Director II base.
RCC-H030	3' HDMI/ DB9 to HDCI	Video/control connection between RPG Series Codec and RC7-HE module.

**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.



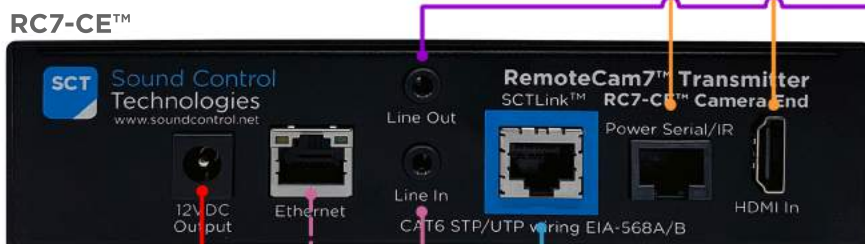
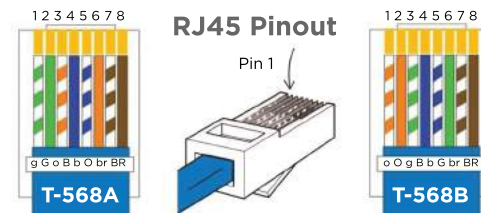
Polycom Director II



**RCC-C030**  
HDMI/RJ45 to  
Mini-HDCI Cable

**RCC-C016**  
1' Audio Cable

**LINK Cable Specs**  
Integrator-Supplied CAT6 STP Cable  
EIA568A or EIA568B (Min. 30' to 300' Max)



**PPC-015**  
1' Power Cable

**LINK Cable**  
Power, Control & Video

Optional  
Optional 3rd Party Audio Input



**WPS-48 48VDC**  
100-240V-47-63Hz  
Power Supply

Optional  
Optional 3rd Party Audio Output

3rd Party Device

**Polycom Supplied**  
Audio Cable #2457-69476-001  
3.5mm Adapter #1517-09350-001

**RCC-H030**  
HDCI to HDMI/  
9 Pin Cable

**Polycom RPG300, 500, 700 & 7500**

### Module Dimensions

RC7-CE™: 1.625"H x 6.625"W x 4.625"D

RC7-HE™: 1.625"H x 8.875"W x 4.625"D

