



**Q:** What does the RTK-8CP™ do?

**A:** The RTK-8CP™ provides a literal extension of up to 8 Cisco Table-E or Table 60 microphones to a Cisco WebEx Room Kit codec.

The microphone ports behave exactly the same as when the microphones are plugged into the codec ports directly. All mute logic and microphone power is maintained throughout the system.

The RTK-8CP™ is designed to be used in conjunction with an SCT RTK-MINI™. When paired together, this solution provides connectivity of corresponding ports on a Cisco WebEx Room Kit Pro.

## POWER

**Q:** Why is there a power jack on each box? Do I need 2 power-supplies?

**A:** Only one power-supply should be used. However, the system design allows the installer to choose which end to power from, either the RTK-8CP-TX™ (Table End) or RTK-8CP-RX™ (Codec End).

## MICROPHONES

**Q:** Are the microphones mixed together?

**A:** The microphone paths are not mixed and are dependent on connection to the host codec for operation. If there is no microphone connection from the RTK-8CP-RX™ (Receiver or Codec End) to a Cisco codec, the corresponding microphone channel at the RTK-8CP-TX™ (Transmitter or Table End) is inactive.

**Q:** There are 8 microphone inputs at the RTK-8CP-TX™ (Transmitter or Table End), but my codec has only 2 inputs available. Can I use all 8 channels?

**A:** The microphone channels at the RTK-8CP-TX™ (Transmitter or Table End) depend on a physical connection between the RTK-8CP-RX™ (Receiver or Codec End) and the codec before they will become active.

So, if the codec has only 6 microphone inputs available, and those are connected to the RTK-8CP-RX™ (Receiver or Codec End), then only the corresponding 6 microphone channels at the RTK-8CP-TX™ (Transmitter or Table End) will be active.

**Q:** What cables are supplied?

**A:** The RTK-8CP™ ships with a pack of four 3.5mm TRRS Male to 4pin Euroblock Male cables, for connecting up to four Mic output connections on the RTK-8CP-RX™ to the codec. Additional adapter cables are sold in packs of four as RM-PRO-M™ (3.5mm TRRS Male to 4pin Euroblock Male, 4 pack). Cisco Table Microphones connect directly to the RTK-8CP-TX™.

## OPERATION

**Q:** What do the LEDs indicate?

**A:** The LEDs on both the [RTK-8CP-TX™](#) and [RTK-8CP-RX™](#) provide a good way to tell if the system is wired correctly and operating normally. Refer to the chart below for details.

MODULE	LED LABEL	ACTIVE STATUS	INACTIVE STATUS
RTK-8CP-TX/RX	Power	Solid Green	Off
RTK-8CP-TX/RX	FW	Blinking Green	Off
RTK-8CP-TX/RX	LINK	Blinking Green	Off
RTK-8CP-TX/RX	Status	Solid or Blinking Green	Off

**Q:** What do the DIP switches do?

**A:** The following chart shows the functions of the 4 position DIP switch:

Switch	Function	OFF	ON
1	Microphone Phantom Power Mode	Phantom Power at RTK-8CP-TX follows the Codec's phantom power setting	Phantom Power at RTK-8CP-TX is always on
2		Reserved for future use	
3		Reserved for future use	
4		Reserved for future use	

**Q:** [What is the microSD slot for?](#)

**A:** The microSD slot on the [RTK-8CP™](#) allows for field upgradable firmware and diagnostics. Refer to the “RTK-8CP Firmware/Log Guide” in the Support section at [www.soundcontrol.net](http://www.soundcontrol.net) for details.

**Q:** [What does the Function button do?](#)

**A:** The Function button is used to initiate firmware upgrades and write log files to the microSD card. Refer to the “RTK-8CP Firmware/Log Guide” in the Support section at [www.soundcontrol.net](http://www.soundcontrol.net) for details.