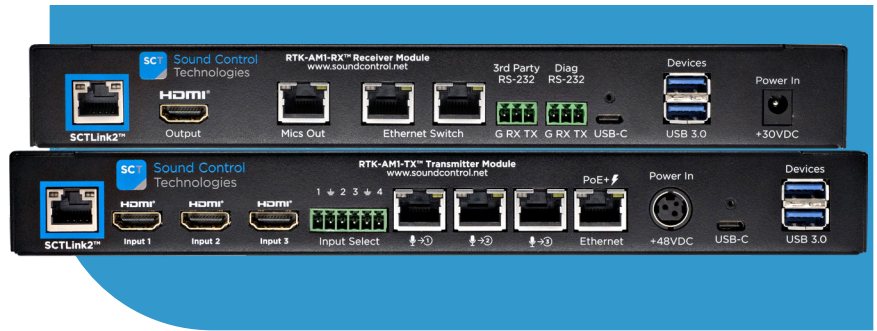




## RemoteTableKit™ AM1 Product Specification

Updated: 6/25/2024



Designed for Cisco codecs, Poly codecs, and 3<sup>rd</sup> party solutions, the RTK-AM1™ provides simple extension from the codec to the table using a single CAT cable up to 100M. The RTK-AM1 includes an integrated 4x1 video switch with 1 USB-C and 3 HDMI inputs. The USB-C port supports audio, video, data and laptop power for a single cable user experience. The RTK-AM1 can accommodate up to four PoE devices on combined or separated VLANs.

### KEY FEATURES

- Integrated 4x1 video switch with 3 HDMI inputs and 1 USB-C input.
- Support for 4 Ethernet PoE devices on combined or separated VLANs.
- Single cable laptop connection including USB-C power delivery.
- PoE+ for up to 2 devices (i.e. touch panels, table cameras).
- Simple Plug & Play installation, no programming required.
- PowerSniffer included for testing SCTLink2 cable conductor continuity.

### TECHNICAL SPECS

- Video Format: HDMI, up to 4K@60 4:4:4. HDCP up to v2.2
- PoE Support (RTK-AM1-TX): 4 Ethernet ports provide adaptive PoE/PoE+ power. Up to 2 ports simultaneously support 48VDC PoE+ devices up to 30W per IEEE 802.3at. Remaining ports support 48VDC PoE devices up to 15.4W per IEEE 802.3af (Total 76.2W max.)
- Ethernet Connectivity (RTK-AM1-TX): 10/100/1000 Four Port Layer 2 Ethernet Switch with divisible VLANs
- Ethernet Connectivity (RTK-AM1-RX): 10/100/1000 Three Port Layer 2 Ethernet Switch with divisible VLANs

- USB (RTK-AM1-TX): USB-C full featured port supporting DP Alt Mode video (input) and 60W Power Delivery. USB-A Ports (x2) supporting USB 3.0 devices locally and USB 2.0 extended to RTK-AM1-RX
- USB (RTK-AM1-RX): USB-C port supporting DP Alt Mode video (output). USB-A Ports (x2) supporting USB 3.0 devices locally and USB 2.0 extended to RTK-AM1-TX
- USB Tier Usage: 1 tier (hub) per linked set
- USB-A Output Power (each): 5VDC @500mA continuous. Overload/short-circuit 1.25A max
- Input Select (RTK-AM1-TX): 6-Pin Terminal Block for contact closure input selection
- 3rd Party RS-232 (RTK-AM1-RX): 3-Pin Terminal Block for third party control system
- Diag RS-232 (RTK-AM1-RX): 3-Pin Terminal Block for Codec integration

### SCTLINK2™ CABLE SPECS

SCT recommends CAT6A U/FTP cable for the SCTLink2 cable. Proper termination and testing, along with good cable management, minimizes potential problems.

**Wiring Termination Standard** T568A or T568B  
10m Minimum - 100m Maximum Length

**Power Consumption** RTK-AM1-TX will consume 13.1W, *plus* the power consumption of attached USB and PoE Devices. RTK-AM1-RX will consume 9.9W.

### MODULE & POWER SUPPLY SPECS

#### RTK-AM1-TX Transmitter Module

- Imperial Dims: H: 1.39" x W: 10.5" x D: 4.51"
- Metric Dims: H: 35mm x W: 267mm x D: 114mm
- Weight: 1.2 lbs / 524g

## RTK-AM1-RX Receiver Module

- Imperial Dims: H: 1.39" x W: 10.1" x D: 4.51"
- Metric Dims: H: 35mm x W: 257mm x D: 114mm
- Weight: 1.0 lbs / 468g

### WPS-12™ Power Supply (For RX, Included)

- Imperial Dims: H: 1.19" x W: 1.85" x D: 4.65"
- Metric Dims: H: 30mm x W: 47mm x D: 118mm
- Weight: 0.5 lbs / 236g
- Input: 100 to 240VAC, 47-63Hz, 1.45A Max
- Output: 30VDC, 2A Max
- Output Connector: 5.5mm x 2.5mm DC Plug
- Regulatory Approvals:

UL, CE, FCC, CCC, TÜV, RCM+GEMS, LPS, BIS, PSE, CB, DoE VI, CoC V5 & RoHS2

### WPS-48V4A™ Power Supply (For TX, Included)

- Imperial Dims: H: 1.30" x W: 2.13" x D: 6.34"
- Metric Dims: H: 33mm x W: 54mm x D: 161mm
- Weight: 1.2 lbs / 544g
- Input: 100 to 240VAC, 50-60Hz, 2.4A Max
- Output: 48VDC, 4.2A Max
- Output Connector: 3 Pin-Din
- Regulatory Approvals:

UL, cUL, CE, FCC, GS, BSMI, PSE, NRCAN, DoE VI, GEMS VI, CEC, ErP Lot 7, CoC Tier 2

## RACK SHELVES

### RC-RKM™ 2RU 12" Deep Rack Shelf

[www.soundcontrol.net/product/rc-rkm-rack-shelf](http://www.soundcontrol.net/product/rc-rkm-rack-shelf)

- Designed to mount the RCU2-HE™, RC4-HE™, RC5-HE™, RC6-HE™, RC7-HE™, RC8-HE™, RTK-RX™ and RC-SDA™ modules, specific manufacturer codecs, and power supplies.
- Leaves access to rear of modules for clean and easy cabling.

## PRODUCT WARRANTIES

[www.soundcontrol.net/support](http://www.soundcontrol.net/support)

**Included:** 3 Year Standard  
Advance Replacement  
Limited Warranty

**Available:** 2 Year Extended  
Advance Replacement  
Limited Warranty



## SOLUTION FINDER

Not sure where to start? Try our Solution Finder!

[www.soundcontrol.net/solution-finder](http://www.soundcontrol.net/solution-finder)

BUILT IN AMERICA



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