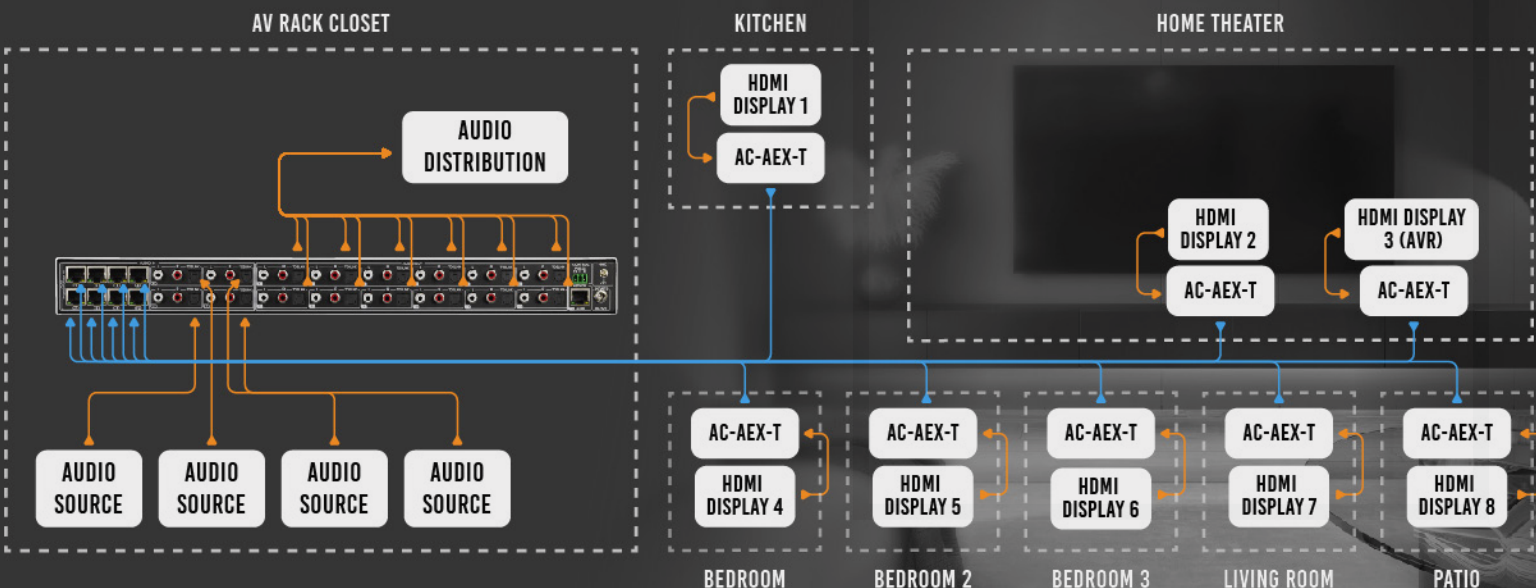




## 12x12 Audio Hub AC-AEX-RC-HUB

Proof innovation never tires at AVPro Edge is found in this departure from our regular cadence of intensive video technologies development, as we introduce our first full width chassis product dedicated solely for audio use, the AC-AEX-RC-HUB. An engineering contemplation brought to fruition, it was conceived to harvest as many as eight decentralized audio-oriented sources at various distances from a centrally located third-party distribution system - joining four additional audio sources neighboring the AC-AEX-RC-HUB, then aggregated into a common endpoint with matrixing capabilities for seamless system integration. Control is mastered from the AVPro Edge GUI, or the API interfaces with automation systems like Control 4, Crestron, Elan, Savant and more to transparently traffic audio signals discretely behind the scenes.

## HOME APPLICATION DIAGRAM



# PRODUCT SPECIFICATIONS

AUDIO	
MUTE	AVAILABLE ON ALL OUTPUTS
ANALOG INPUT VOLTAGE	1VRMS, 2.828 VP-P
ANALOG OUTPUT VOLTAGE	1VRMS, 2.828 VP-P
DIGITAL	2 CHANNEL PCM, SUPPORTED RATES 32, 44.1, 48, 88.2, 96, 176, 192 KHZ
LATENCY	30MS
CONTROL	
INTERFACES	RS-232, IP/LAN
AUDIO INPUTS	
AEX AUDIO	8
RCA	4
DIGITAL (TOSLINK)	4
AUDIO OUTPUTS	
AEX AUDIO	0
RCA	12
DIGITAL (TOSLINK)	12
POWER	
POWER CONSUMPTION (TOTAL)	3 WATTS MAX
DC POWER	DC 12V 1A
DIMENSIONS	
DIMENSIONS (SINGLE UNIT ONLY HEIGHT/ WIDTH/DEPTH)	MM: 44.5 X 444.5 X 235 INCH: 1.75 X 17.5 X 9.25
DIMENSIONS (PACKAGED HEIGHT/WIDTH/ DEPTH)	MM: 381 X 571.5 X 127 INCH: 15 X 22.5 X 5
WEIGHT (SINGLE UNIT ONLY)	6 LBS 6 OZ (2.9 KG)
WEIGHT (PACKAGED)	9 LBS (4.1 KG)

\*SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE. MASS & DIMENSIONS ARE APPROXIMATE

The AC-AEX-RC-HUB configuration features 12 audio inputs and 12 audio outputs with I/O connections using Toslink or analog RCA, with eight of the inputs uniquely designed for retrieving audio from sources located remotely from core system distribution components, via Power over Cable (PoC) Ethernet category wire. Distances up to 100m are possible with Unshielded Twisted Pair, extending to 130m when using Shielded Twisted Pair. An AVPro Edge AC-AEX-T Digital/Analog Audio Extender Transmitter (not included with the AC-AEX-RC-HUB) must be paired to each of these eight inputs for complete operation.

## FULL FEATURE SET

- 12 total inputs, 8 featuring long-range extension using Power over Cable (PoC) category wire
- AC-AEX-T transmitter required for PoC
- 328ft (100m) using Unshielded Twisted Pair
- 426ft (130m) using Shielded Twisted Pair
- 12 digital Toslink and analog RCA stereo outputs with AVPro Edge Dual-Play simultaneous output
- Retrieve audio from TV-led apps and built-in ATSC tuners from displays for playback on architectural speakers
- Digital piano audio like the Yamaha Disklavier may be system-distributed
- Expand audio capabilities of video matrix switchers to an additional 12 zones
- Includes a future-use input provision for Web-based audio such as Josh.ai VoiceCast.

