

AUD-EXT-100

Audio over CAT5 Extender for One Unbalanced Stereo Signal



- Signal extension for unbalanced stereo analog audio signals
- Extends signals up to 2000 ft. using CAT5 cable (sold separately)
- Provides an audio return channel solution for Sonnex® multiroom audio systems
- Passive solution - no power required
- Mounted to a surface or a single rack rail
- Up to three units fit side by side in a single 1U 19 in. rack shelf space

The [AUD-EXT-100](#) is an audio extender designed for transporting unbalanced (RCA) analog audio signals over several hundred feet using CAT5 (or greater) UTP cable.

Crestron Audio-over-CAT5 extenders are ideal for use with a Sonnex® Multiroom Audio System to provide one or more audio return channels. An audio return channel allows an audio source located in any room of the house to be routed to any other room through the central audio distribution system.

Each AUD-EXT transmitter and receiver is designed for mounting to a flat surface or to a single rack rail in the back of an equipment rack. Three units can also fit neatly side-by-side on a standard 1U 19 in. rack shelf. AUD-EXT devices are completely passive, eliminating any extra cables or power supplies. Connecting a transmitter to its companion receiver requires just a single CAT5 (or greater) UTP cable.

Specifications

Audio

Bandwidth	20 Hz to 20 kHz
THD+N	<0.1% @ 20 Hz, 2Vrms
S/N Ratio	Greater than 100 dB
Crosstalk	Less than -70 dB

Connectors - Transmitter

AUDIO OUT	(1) 8-wire RJ45 female; CAT5 balanced audio extension output; Connects to the companion receiver AUDIO IN port
AUDIO IN CH1	(1) pair RCA female; Unbalanced stereo line-level audio input; Input Impedance: 10 k Ω ; Maximum Output Level: 2Vrms

Connectors - Receiver

AUDIO IN	(1) 8-wire RJ45 female; CAT5 balanced audio extension input; Connects to the companion transmitter AUDIO OUT port
AUDIO OUT CH1	(1) pair RCA female; Unbalanced stereo line-level audio output; Output Impedance: 100 Ω ; Maximum Output Level: 2Vrms

Environmental

Temperature	41° to 122°F (5° to 50°C)
Humidity	10% to 90% RH (non-condensing)

Construction

Chassis	Aluminum w/polycarbonate label overlay and (4) integral mounting flanges
Mounting	Freestanding, surface mount, or attach to a single rack rail

Dimensions

Height	1.68 in (43 mm)
Width	5.12 in (131 mm)
Depth	3.79 in (97 mm)

Model

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Available Accessories

For a list of available accessories, visit the [AUD-EXT-100](#) product page.

This product may be purchased from select authorized Crestron dealers and distributors. To find a dealer or distributor, please contact the Crestron sales representative for your area. A list of sales representatives is available online at www.crestron.com/How-To-Buy/Find-a-Representative or contact us for additional information by visiting www.crestron.com/contact/our-locations for

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your local contact.

The original language version of this document is U.S. English.
All other languages are a translation of the original document.

The product warranty can be found at www.crestron.com/warranty.

The specific patents that cover Crestron products are listed online at www.crestron.com/legal/patents.

Certain Crestron products contain open source software. For specific information, please visit www.crestron.com/opensource.

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