

# EX-AUDIO-300

## Audio Extender 300m

### FEATURE:

- Extend optical fiber and analog audio signals up to a distance of 300m/990ft (48kHz), 150m/495ft (96kHz) or 100m/330ft (192kHz) over a single CAT cable
- Audio formats support: LPCM, DTS, Dolby Digital and Dolby Digital Plus
- Support audio sample rates: 32kHz, 44.1kHz, 48kHz, 96kHz, 176.4kHz and 192kHz up to 24-bit resolution
- Built-in DAC (Digital to Analog Converter), the analog audio output port can output digital audio or analog audio through the audio selection switch
- Support bidirectional POC function.
- Plug-and-play
- Small compact size
- Ultra-low jitter and high-fidelity design



### EX-AUDIO-300

This Audio Extender can transmit digital optical and analog audio signals concurrently up to a distance of 300m/ 990ft ( 48kHz) , 150m/495ft (96kHz) or 100m/330ft (192kHz) over a single CAT5E/6 cable. The digital optical audio is directly passed from transmitter to receiver. The analog audio output on receiver is selectable from the digital optical or the analog audio signal from transmitter. The extender supports bidirectional POC function.

This is a fantastic plug and play solution for sending optical fiber and analog audio from an HDTV back to an amplifier, AVR or multi-room audio system which requires an analog stereo audio input signal.



# Extender

Audio Extender 300m



**SPECIFICATIONS:**

**Technical**

Bitrate over Distance	192kHz - 100m, 96kHz - 150m, 48kHz - 300m
Supported Audio Formats	Optical: All audio formats, including LPCM2.0, LPCM5.1, Dolby Digital2/5.1CH Analog: PCM 2.0
Sample Rates	32kHz, 44.1kHz, 48kHz, 96kHz, 176.4kHz and 192kHz up to 24-bit resolution
ESD Protection	Human-body Model: ±8kV (Air-gap discharge), ±4kV (Contact discharge)

**Connections**

**Transmitter**

Input Ports	1 x SPDIF IN [Optical Audio Jack] 1 x L/R IN [RCA Stereo Audio jack] 1 x Micro-USB
Output Ports	1 x CAT OUT [RJ45]

**Receiver**

Input Ports	1 x CAT IN [RJ45] 1 x Micro-USB
Output Ports	1 x SPDIF OUT [Optical Audio Jack] 1 x L/R OUT [RCA Stereo Audio jack]

**Mechanical**

Housing	Metal Enclosure
Color	Black
Dimensions	Transmitter/Receiver: 90mm (W) × 72mm (H) × 20mm (D)
Weight	Transmitter/Receiver: 174g
Power Supply	DC 5V/1A
Power Consumption	1.5W (Max)
Operation Temperature	0°C ~ 40°C / 32°F ~ 104°F
Storage temperature	-20°C ~ 60°C / -4°F ~ 140°F
Relative Humidity	20-90% RH (non-condensing)