



## HDMI ARC & Optical Audio over CAT Extender 150 meters

Experience seamless audio transmission with our Audio Extender. It can transmit HDMI ARC or S/PDIF audio signals over impressive distances of up to 150m/492ft (96kHz) or 90m/295ft (192kHz, for ARC only) using a single CAT cable.

Featuring CEC pass-through functionality between the HDMI ARC input port and ARC output port, this extender ensures a seamless handshake for ARC transmission.

For TVs lacking ARC functionality, the extender offers an independent S/PDIF audio pass-through channel, allowing S/PDIF audio to be transmitted from the S/PDIF IN port of the transmitter to the S/PDIF OUT port of the receiver.

Say goodbye to audio limitations and enjoy a hassle-free plug-and-play solution for transmitting HDMI ARC and S/PDIF audio from your HDTV to an amplifier, AVR, or multi-room audio system.

### Feature Highlights

- Extends HDMI ARC audio signal up to a distance of 150m/495ft (96kHz) or 90m/295ft (192kHz) over a single CAT cable
- Extends S/PDIF audio signal up to a distance of 150m/495ft (96kHz) over a single CAT cable
- Audio formats support: PCM 2.0ch, Dolby 5.1ch, DTS 5.1ch
- Supports CEC pass-through when HDMI ARC mode is enabled
- Plug-and-play
- Small compact size
- Ultra-low jitter and high-fidelity design

## TECHNICAL

<b>Supported Audio Formats</b>	PCM 2.0ch, Dolby 5.1ch, DTS 5.1ch
<b>Transmission Distance and Sample Rates</b>	<b>ARC audio:</b> 150m/495ft - 96kHz, 90m/295ft - 192kHz <b>S/PDIF audio:</b> 150m/495ft - 96kHz
<b>ESD Protection</b>	Human-body Model: ±8kV (Air-gap discharge), ±4kV (Contact discharge)

## CONNECTION

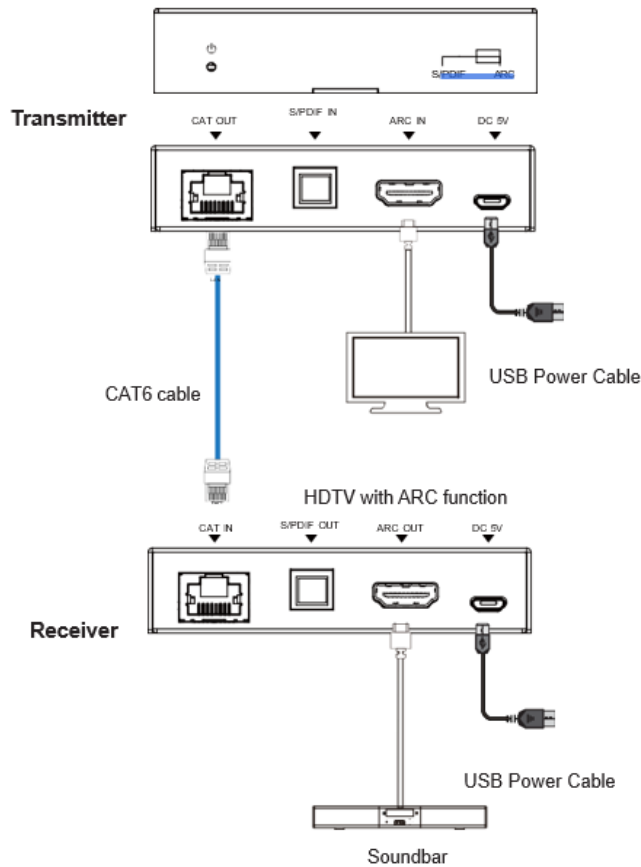
<b>Transmitter</b>	Input port: 1 x S/PDIF IN [Optical Audio Jack] 1 x ARC IN [HDMI Type A, 19-pin female] 1 x Micro-USB Output port: 1 x CAT OUT [RJ45]
<b>Receiver</b>	Input port: 1 x CAT IN [RJ45] 1 x Micro-USB Output port: 1 x S/PDIF OUT [Optical Audio Jack] 1 x ARC OUT [HDMI Type A, 19-pin female]

## MECHANICAL

<b>Housing</b>	Metal Enclosure
<b>Color</b>	Black
<b>Dimensions</b>	Transmitter/Receiver: 90mm (W) × 72mm (D) × 20mm (H)
<b>Weight</b>	Transmitter / Receiver: 175g
<b>Power Supply</b>	DC 5V/1A
<b>Power Consumption (Max)</b>	Transmitter: 0.35W Receiver: 0.7W
<b>Operating Temperature</b>	0°C ~ 40°C / 32°F ~ 104°F
<b>Storage Temperature</b>	-20°C ~ 60°C / -4°F ~ 140°F
<b>Relative Humidity</b>	20~90% RH (non-condensing)

## Classic Application Example

Situation 1: ARC Mode



Situation 2: S/PDIF Pass-through Mode

