Long-Range ARC Audio Extender over CAT (150m/492ft)

Dual-Input TX/RX Kit — HDMI ARC or Optical S/PDIF to Amplifier over CAT5e/6/7

MPN: AUD-EXT-ARC150M



When an ARC-enabled display is installed far from the amplifier or AV rack — across a ceiling, through conduit, or down a floor — the native HDMI cable offers no practical path for audio return. The KanexPro AUD-EXT-ARC150M closes that gap, extending HDMI ARC or optical S/PDIF audio up to 150m/492ft over a single CAT5e/6/7 cable in a compact TX/RX kit. One cable replaces what would otherwise require signal repeaters, analog conversion, or dedicated audio cabling runs.

The AUD-EXT-ARC150M accepts either HDMI ARC or optical S/PDIF as a selectable input at the transmitter — covering both ARC-capable displays and legacy sources without an ARC port. CEC pass-through in ARC mode preserves TV remote volume control to the amplifier. High-resolution audio up to 192kHz is supported, with format compatibility for PCM 2.0, Dolby Digital 5.1, and DTS 5.1. Both transmitter and receiver are metal-housed and USB-powered, sized for discreet installation behind panels or in ceiling spaces.

Long Reach	Dual Input	CEC Pass-Through	Hi-Res Audio	Rugged
150m/492ft over one CAT5e/6/7 cable	HDMI ARC or optical S/PDIF	TV remote volume control in ARC mode	Up to 192kHz sample rate	Metal housing with ESD protection

KEY FEATURES

- Extends HDMI ARC or optical S/PDIF audio up to 150m/492ft over a single CAT5e/6/7 cable
- Selectable input at transmitter: HDMI ARC or optical S/PDIF
- 150m reach at 96kHz, 90m/295ft at 192kHz (ARC)
- CEC pass-through in ARC mode keeps TV remote volume control
- Supports PCM 2.0, Dolby Digital 5.1 and DTS 5.1
- Metal TX and RX with ESD protection (+/-8kV air / +/-4kV contact)
- Plug-and-play, no drivers or software required
- 5V Micro USB power on both units

SPECIFICATIONS

Audio Formats	PCM 2.0ch, Dolby Digital 5.1ch, DTS 5.1ch
Max Sample Rate	192kHz
ARC Distance, 96kHz	150m / 495ft
ARC Distance, 192kHz	90m / 295ft
S/PDIF Distance, 96kHz	150m / 495ft
Cable	CAT5e / CAT6 / CAT7, straight-through T568B
TX Inputs	1x ARC IN (HDMI Type-A), 1x S/PDIF IN (optical), 1x Micro-USB
TX Output	1x CAT OUT (RJ45)
RX Inputs	1x CAT IN (RJ45), 1x Micro-USB
RX Outputs	1x ARC OUT (HDMI Type-A), 1x S/PDIF OUT (optical)
Input Select	Front-panel S/PDIF / ARC toggle
Size / Weight	90 x 72 x 20mm, 175g (each unit)
Package Contents	1× HDMI Audio Extender (Transmitter) • 1× HDMI Audio Extender (Receiver) • 2× USB Shielded Cable (USB-A to Micro USB, 1m) • 2× 5V/1A Power Adapter

APPLICATIONS

Media room with the equipment rack in another room	**Outdoor TV on a patio or pool house**	**Sports bar with multiple display zones**	**Corporate lobby or break room** A display streams news or company content	**House of worship overflow and foyer screens** Foyer displays carry the service feed