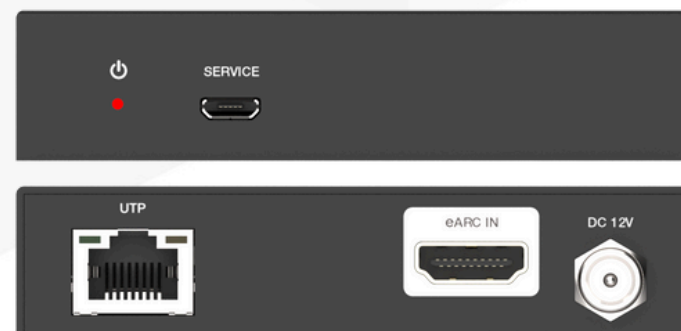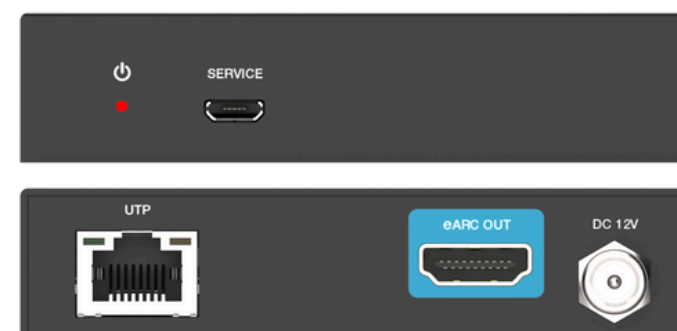# NETVIO

EX-EARC-100-10

150m | Uncompressed High Bandwidth Audio | CEC Passthrough | 2-Way PoC

Transmitter

Receiver

- Extend Enhanced Audio Return Channel audio up to 100m/328ft over a single CAT cable

- Support for all HDMI eARC audio formats up to uncompressed DTS & Dolby codecs

- CEC passthrough to controls AVR volume & power commands from the displays remote control

- 2-Way POC (Power over Cable) using a single power supply from either TX or RX

- Enhanced lip sync accuracy, ensuring that audio and video remain perfectly synchronised

100m (331ft) Cat6 | CEC Pass Thru | Digital Clarity | 2-Way PoC

HDMI ARC Extender

Product Overview

EX-EARC-100-10

100m | Uncompressed Audio | CEC Passthrough | 2-Way PoC

Elevate your entertainment experience with the Netvio EX-eARC-100-10 HDMI eARC Audio Extender, delivering uncompromised, high-quality audio. This state-of-the-art device extends HDMI eARC signals up to 100m (328ft) over a single CAT cable, making it the ideal solution for home, office, or commercial spaces with multi-channel audio systems.

Home Theater/Cinema/Media/Gaming Systems
• Perfect for transmitting high-quality audio from a smart TV to an AV receiver or soundbar located in a different room or remote network location.

• Ensuring users can enjoy premium audio formats without signal degradation over long cable distances.

Commercial Installations
• Suitable for use in conference rooms, auditoriums, and other large venues where high-quality audio distribution is essential.

Multi-Room Audio Systems
• A solution to enable eARC audio signals in a multitude of multi-room distribution solutions, enabling building wide distribution, for homes and venues.

Specifications

Audio Specification:
eARC: PCM 2.0/5.1/7.1ch, DD, DD+, DTS, Dolby TrueHD, DTS-HD MA, Dolby Atmos, DTS:X, ARC: PCM 2.0ch, Dolby 5.1ch, DTS 5.1ch

Transmission:
Upto 100m (331ft) using Cat6 cable.

Control:
CEC Pass-Through

Product Weights & Dims:
TX & RX: 90mm (W) 72mm (D) 20mm (H) | Each device: 184g

Package Weights & Dims:
245mm (W) 130mm (D) 70mm (H) | Total Package: 650g

Power Supply:
Input: AC 100~240V 50/60Hz Output: DC 12V/1A (US/EU standard, CE/FCC/UL certified)

Power Consumption:
5.65W (Max)

Operating 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)
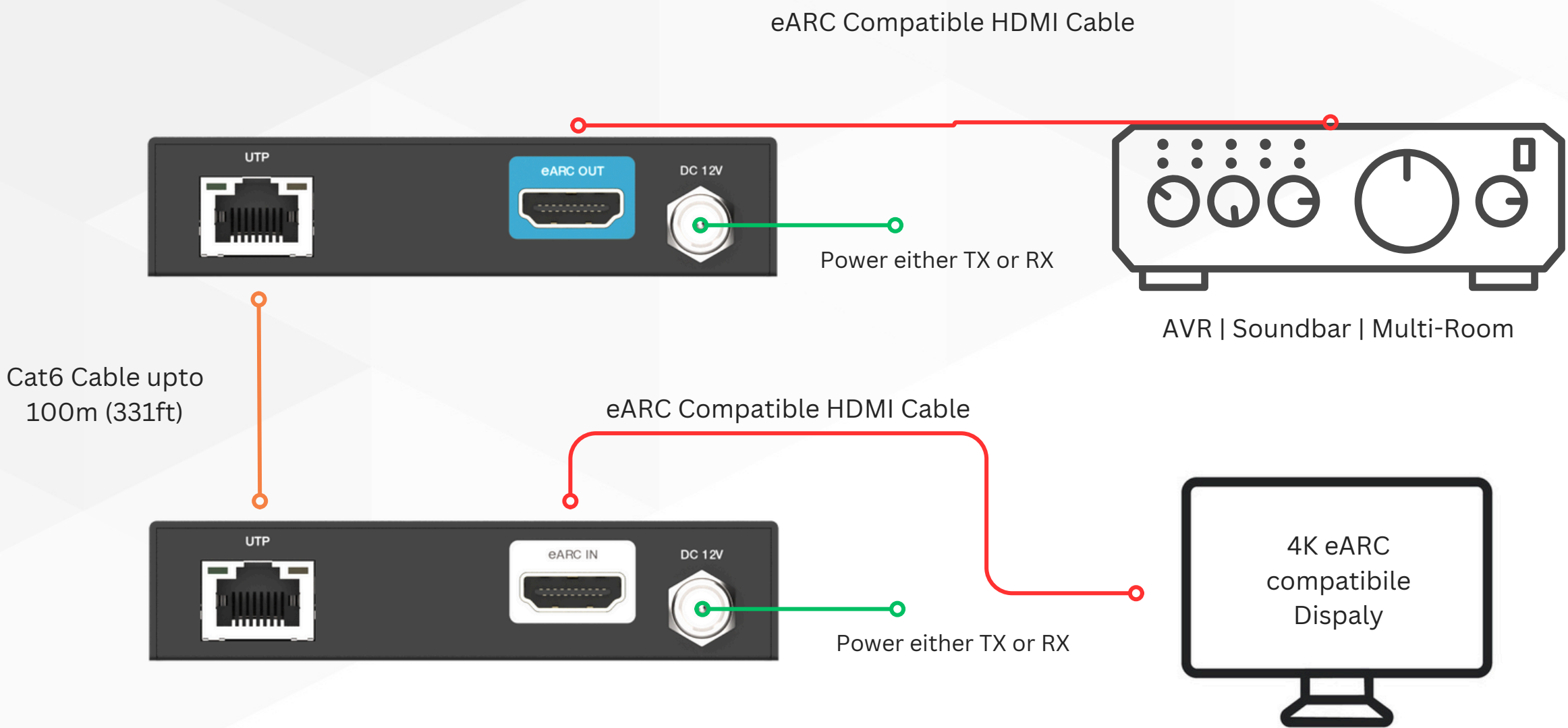
Product Approvals:
CE, UKCA, FCC & RoHS

Warranty:
5-Years

HDMI eARC Extender

Connection Diagram

eARC Compatible HDMI Cable

UTP | eARC OUT | DC 12V

Power either TX or RX

AVR | Soundbar | Multi-Room

Cat6 Cable upto
100m (331ft)

eARC Compatible HDMI Cable

UTP | eARC IN | DC 12V

Power either TX or RX

4K eARC
compatibile
Dispaly

Connectivity:

Transmitter:
Input: 1 × eARC IN [HDMI Type A, 19-pin female]
Output: 1 × CAT OUT [RJ45, female]
Control: 1 × SERVICE

Receiver:
Input: 1 × CAT IN [RJ45, female]
Output: 1 × eARC OUT [HDMI Type A, 19-pin female]
Control: 1 × SERVICE

Box Contents:
1 × HDMI eARC Extender Transmitter
1 × HDMI eARC Extender Receiver
1 × 12V/1A Locking Power Adapter
1 × Mounting hardware (4 ears, 8 screws)

HDMI eARC Extender

Additional Models offering ARC/eARC

EX-ARC-150-10	EX-EARC-100-10	EX-HT2-403-10	EX-HT3-4001-10
ARC Only	eARC Only	ARC & 4K HDR Video	eARC & 4K60 Video
ARC Audio Only	eARC Audio Only	ARC, 4K HDR Video & Control	eARC, 4K60 HDR Video & Control
1 Mbps Bandwidth	37 Mbps Bandwidth	Audio (1Mbps) Video (10Gbps)	Audio (37Mbps) Video (18Gbps)
Upto 5.1 Compressed Audio	Upto 7.1 Uncompressed Audio Dolby Atmos, DTS:X support	Upto 5.1 Compressed Audio	Upto 7.1 Uncompressed Audio, Dolby Atmos, DTS:X support
Cat6 distance upto 150m (450ft)	Cat6 distance upto 100m (331ft)	HDBaseT v2	HDBaseT v3
Alternative Optical Option	CEC	Cat6 distance upto 40m (131ft)	Cat6 distance upto 40m (131ft)
CEC		Alternative Optical Option	CEC
		CEC	