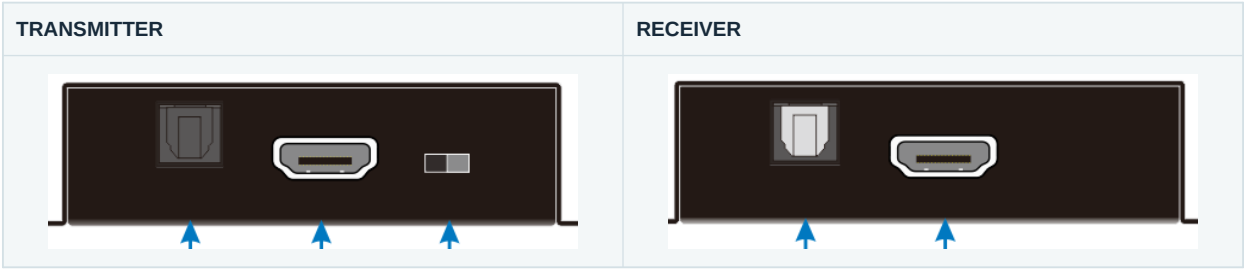


MP-AU-eARC-100

HDMI eARC Extender Kit



PRODUCT OVERVIEW

The MP-AU-eARC-100 is an HDMI audio extender set consisting of a Transmitter and Receiver. It transmits HDMI eARC/ARC and optical digital audio signals over CATx cable, with eARC/ARC support up to 100m and optical audio support up to 200m. CEC pass-through is supported when HDMI eARC/ARC mode is selected.

KEY FEATURES

• Extend eARC/ARC or optical digital audio over CAT cable.	• eARC/ARC distribution distance up to 100m.
• Optical audio distribution distance up to 200m.	• CEC pass-through in HDMI eARC/ARC mode.
• Bi-directional PoC (Power over Cable).	• TX DIP-switch selection between HDMI eARC/ARC and Optical digital audio.

PACKAGE CONTENTS

1× Transmitter	1× Receiver
4× TX Plastic Cushions	4× RX Plastic Cushions
1× Power Adapter (12VDC, 1A)	1× User Manual

MP-AU-eARC-100

Technical Specifications

I/O SPECIFICATION

Transmitter — Input	(1) SPDIF, (1) eARC IN
Transmitter — Input Connector	(1) Toslink, (1) HDMI
Transmitter — Output	(1) CATx OUT
Transmitter — Output Connector	(1) RJ45
Transmitter — Control	(1) FIRMWARE
Transmitter — Control Connector	(1) Micro USB
Receiver — Input	(1) CATx IN
Receiver — Input Connector	(1) RJ45
Receiver — Output	(1) SPDIF, (1) eARC OUT
Receiver — Output Connector	(1) Toslink, (1) HDMI
Receiver — Control	(1) FIRMWARE
Receiver — Control Connector	(1) Micro USB

AUDIO & PERFORMANCE

Input Audio Format	eARC: PCM 2.0/5.1/7.1ch, Dolby Digital Plus, DTS, Dolby TrueHD, DTS-HD MA, Dolby Atmos ARC: PCM 2.0ch, Dolby 5.1ch, DTS 5.1ch Optical: PCM 2.0ch, Dolby 5.1ch, DTS 5.1ch
Output Audio Format	eARC: PCM 2.0/5.1/7.1ch, Dolby Digital Plus, DTS, Dolby TrueHD, DTS-HD MA, Dolby Atmos ARC: PCM 2.0ch, Dolby 5.1ch, DTS 5.1ch Optical: PCM 2.0ch, Dolby 5.1ch, DTS 5.1ch
Frequency Response	All audio: 20Hz ~ 20kHz, < ±0.3dB
Sample Rate	SPDIF: 48/96/192 kHz HDMI: 48/96/192 kHz
Transmission Distance	SPDIF: Up to 200m (CATx) eARC: Up to 100m (CATx) Optical fiber: up to 96kHz at 200m and up to 100m at 192kHz

GENERAL

Power Consumption	2.5W (max)
Operation Temperature	0 ~ +40°C
Storage Temperature	-10 ~ +50°C
Relative Humidity	0% ~ 90%
External Power Supply	12V1A
Dimensions (W×H×D)	TX: 80mm × 21mm × 74mm RX: 80mm × 21mm × 74mm
Net Weight	Transmitter: 150g Receiver: 150g

PANEL / CONNECTION REFERENCE

TRANSMITTER	RECEIVER
1. SPDIF IN — optical audio return from display. 2. eARC IN — local HDMI display eARC/ARC port. 3. SPDIF/eARC — select HDMI or Optical input. 4. FW — USB upgrade port. 5. CATx OUT — Cat5e/6 RJ45 output. 6. DC12V — 12V/1A power input. 7. LED — green when powered.	1. SPDIF OUT — connect to AVR/processor for optical audio return. 2. eARC OUT — connect to AVR/processor audio return input. 3. FW — USB upgrade port. 4. CATx IN — Cat5e/6 RJ45 input. 5. DC12V — 12V/1A power input. 6. LED — green when powered.

Source: MP-AU-eARC-100 User Manual, Version MP-AU-eARC-100_2025V1.0. Product visuals are taken from the supplied manual; specifications are reproduced from the manual.