

CS-HDMARC1 Audio Extender



Quick Start Guide

What's included



Main Unit



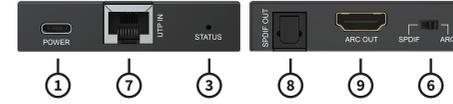
Power Adaptor

Ports and Interfaces

Transmitter



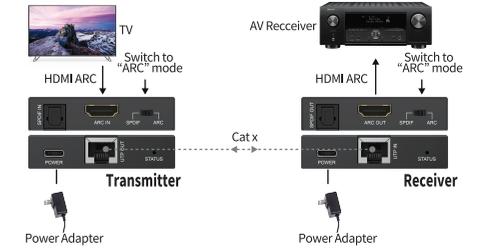
Receiver



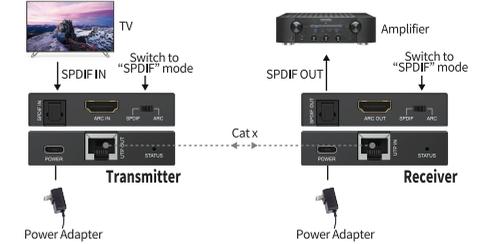
1. POWER: USB-C DC 5V Power In
2. UTP OUT: Connect to RJ45 OUT via CAT5E/CAT6 Cable
3. STATUS: Status LED Indicator
On: The Sender is working properly but the connection between the Sender and receiver is not successful
Blinking: The Sender is working properly, and the connection between the Sender and receiver is successful
Off: The Sender is not working properly
4. SPDIF IN: Connect to Input Audio Sources via Optical cable
5. ARC IN: Connect to HDMI ARC Port of TV via HDMI cable
6. SPDIF/ARC: Switch the Button at the 'SPDIF or ARC' Side for Needed Port Working
7. UTP IN: Connect to RJ45 IN via CAT5E/CAT6 Cable
8. SPDIF OUT: Connect to Output Audio Sources via Optical cable
9. ARC OUT: Connect to HDMI Port of AMP via HDMI cable

Connection Diagram

(1) ARC Mode



(2) SPDIF Mode



Introduction

The product is an extender for both HDMI ARC and SPDIF audio pass-through. It supports CEC pass-through between HDMI ARC input port and ARC output port to handshake for ARC.

For TVs that don't support HDMI ARC capabilities, the extender provides an independent SPDIF audio pass-through channel. SPDIF audio can be transmitted from the SPDIF IN port of the Sender to the SPDIF OUT port of the receiver.

Features

* Cost-effective solution for extending the digital S/PDIF or HDMI ARC audio through using single low-cost Cat5e or Cat6 cable for up to 150 meters (492feet) away from the source.

* Supports PCM, DTS and Dolby Digital audio format.

* High performance, zero signal loss

* Supports CEC pass-through between HDMI ARC Input port and ARC Output port to handshake for ARC transmission

* Supports Dual digital audio inputs: 1 x SPDIF and 1 x HDMI ARC

* Supports Dual digital audio outputs: 1 x SPDIF and 1 x HDMI ARC can output each signal separately

* Easy to customize the cable length as needed. No need to have digital audio cables prefabricated.

Note: To set the extender to arc or SPDIF mode, users need to set the dip switches of the Sender and receiver to the same position. For example, when the extender is set to ARC mode, the dip switches of Sender and receiver both need to be switched to the ARC position.

Specification

Input Ports	HDMI ARC x 1, SPDIF x 1, UTP x 1
Output Ports	HDMI ARC x 1, SPDIF x 1, UTP x 1
Transmission Distance	150m via CAT5E/CAT6 Cable
Data Transmission Rate	12.8Mb/s
Audio Sampling Rate	96KHz
Limited Warranty	1 Year Parts and Labor
Operating Temperature	0°C to 50°C
Storage Humidity	5% to 90% RH non-condensation
Power Supply	DC 5V 1A
Power Consumption (Max)	TX/RX:0.4W
Extender Unit Cert	FCC, CE, RoHS
Dimension(LxWxH)	69.4x65.8x15mm
Net Weight	Sender/ Receiver:100g
Material	Metal
User Manual	English Version

Troubleshooting

Problems	Causes	Solutions
No power LED lighting on receiver	Maybe the Ethernet cable and DC adapter power cable not connecting well	Please re-check the connection of the Ethernet cable between the sender and receiver, and re-plug the AC side and DC side of power adaptor on sender
No audio output after normal connection	Maybe the product can't support the input audio format or the output devices can't support the audio signal	Please make sure the input source and output device are all supported 5.1CH system, and the audio signal format should below 5.1CH and the sampling rate should lower than 96KHz



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EtherealPro.com
386-255-0234

460 Walker Street
Holly Hill, FL 32117-2653
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