HDMI ARC Audio Extractor

ARC AUDIO EXTRACTOR

PWR   DC 5V   ARC   ARC IN

VER 1.0

Thank you for purchasing this product

For optimum performance and safety, please read these instructions carefully before connecting, operating or adjusting this product. Please keep this manual for future reference.

Surge protection device recommended

This product contains sensitive electrical components that may be damaged by electrical spikes, surges, electric shock, lighting strikes, etc. Use of surge protection systems is highly recommended in order to protect and extend the life of your equipment.

Table of Contents

1. Introduction

The HDMI ARC audio extractor can extract audio signal from ARC enabled HDTV to 2 channel analog stereo audio output, for audio receiver/amplifier/headphone applications. It supports PCM2.0 audio. TV remote can control the volume via CEC function.

2. Features

☆ HDMI 1.4 compliant
☆ Input: HDMI x 1;
   Output: 3.5mm L/R x1, RCA x 2
☆ ARC Enabled: Extract audio signal from ARC (Audio Return Channel) enabled HDTV to analog stereo output, for audio receiver/amplifier/headphone applications
☆ Support PCM audio to 2 channel stereo audio output
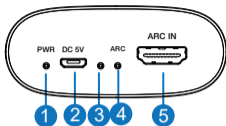☆ Support CEC function (TV remote can control the volume)

3. Package Contents

① 1× HDMI ARC Audio Extractor
② 1× USB Cable (USB-A to Micro USB)
③ 1× User Manual

4. Specifications

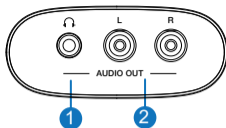| Technical	
HDMI Compliance	HDMI 1.4
Vmax	2Vrms
SNR	>90dB
THD+N Ratio	<0.1% (V_max) 0.001%~0.01% (V_best)
Crosstalk	>80dB
Frequency Response	20Hz~20kHz±1dB
HDMI Audio Formats	PCM 2.0
L/R Audio Formats	Analog Stereo 2CH
Connection	
Inputs	1x HDMI Type A [19-pin female] 1×Micro USB
Outputs	1x L/R Audio Out [RCA] 1x 3.5mm L/R
Mechanical	
Housing	Aluminium Enclosure
Color	Silver
Dimensions	70mm[W] x 65mm[D] x 27mm[H]
Weight	80g
Power Supply	USB 5V/500mA
Power Consumption	0.86W (Max)
Operation Temperature	32 - 104°F / 0 - 40°C
Storage temperature	-4 - 140°F / -20 - 60°C
Relative Humidity	20 - 90% RH (no condensation)

5. Operation Controls and Functions
5.1 Left Panel

No.	Name	Function Description
1	Power LED	When the device is powered on, red LED will be on.
2	DC 5V	DC 5V power supply port.
3	Reserved LED	A reserved LED.
4	ARC LED	On: ARC IN port is connected to active signal. Off: No signal
5	ARC IN	Connect to the ARC port of the TV.

5.2 Right Panel

No.	Name	Function Description
1	Stereo AUDIO OUT	3.5mm stereo audio output port. Connect to headphone or amplifier.
2	RCA AUDIO OUT	RCA audio output port. Connect to amplifier or speaker.

6. Application Example

AUDIO OUT

Active Speakers

PWR   DC 5V   ARC   ARC IN

USB Power Cable

TV with ARC function