

USER MANUAL

2 Port HDMI Splitter

With EDID Setting & ARC & Audio Extractor

Model No: HDTV

Enjoy the vivid world!

REMARK

Manufacturer does not make any commitment to update the information contained herein.

Dear customer

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.

The products are designed to make your A/V device use more convenient, comfortable, productive and cost-efficient.

The 2 Port HDMI Audio Extractor can allow two HD Display/TV connected to one HDMI Source and also can extract audio signals from the HDMI source. You can take your original HDMI audio signal and convert it to digital optical / Coaxial or analog audio output. This product supports Dolby digital AC-3, DTS, LPCM and other digital audio format output. It is one perfect audio extractor for your DVD, Blue-Ray DVD, PS3, X360BOX, HD Player, PC etc.

Our devices offer solutions for noise, space and security concerns, data center control, information distribution, conference room presentation, school and corporate training environments.

INTRODUCTION

FEATURES:

- 1X HDMI input and 2X HDMI output, can sync separation HDMI audio signal. Supports 1x SPDIF optical and 1x SPDIF coaxial digital audio outputs, and 1x 3.5mm analog audio output
- HDMI supports Full HD,3D and 4K2K video
- Support SPDIF digital audio format: Dolby digital (AC3), DTS, LPCM, and support 5.1CH
- Support ARC audio output
- Supports 16 built-in EDID mode, can enhance the signal format match between different devices
- LED indication: when source or sink is working, LED relative to is light.
- 24bit /192KHz DAC
- No loss of quality
- Installs in minutes
- DC5V power adapter

PACKAGE CONTENTS:

- 1. AC power adapter 1pcs
- 2. User manual 1pc

FEATURES OF THE INTERFACE:

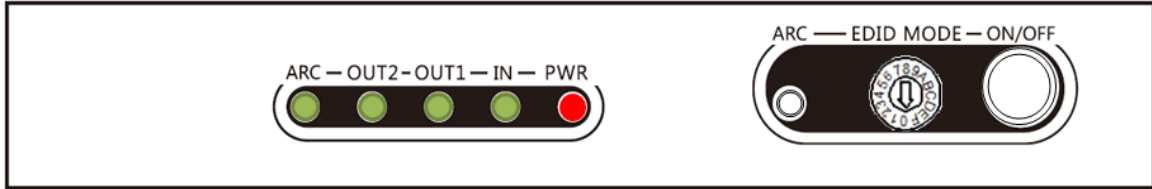


FIG.1.0 Front Panel View

LED-ARC: ARC status indicator

LED On: ARC turn on, then output TV audio by optical and coax ports.

LED off: ARC turn off, then output HDMI extracted audio by optical and coax ports.

LED-OUT2: HDMI Output2 status indicator

LED-IN: HDMI Input status indicator

LED-OUT1: HDMI Output1 status indicator

LED-PWR: POWER ON/OFF indicator

KEY-ARC: ARC Turn on/off key

Note: TV must support ARC, this button will take effect. If ARC turn on, then ARC LED light.

EDID MODE: Built-in EDID mode selection switch

No.	EDID information description	No.	EDID information description
0	Copy output1	8	1080P / HD audio, up to 7.1 channel
1	Copy output2	9	1080P 3D / 2channel
2	Auto / Pass mode	A	1080P 3D / 5.1 channel
3	4K / 2 channel	B	1080P 3D/HD audio, up to 7.1 channel
4	4K / 5.1 channel	C	1080I / 2channel
5	4K / HD audio, up to 7.1 channel	D	1080I / 5.1 channel
6	1080P / 2 channel	E	1080I / HD audio, up to 7.1 channel
7	1080P / 5.1 channel	F	720P / 2channel

ON/OFF: Power ON/OFF switch

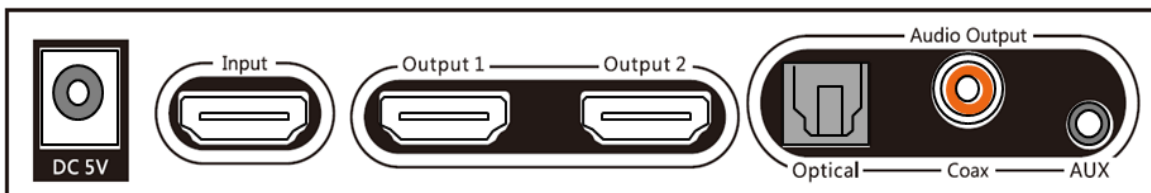


FIG.1.1 Rear Panel View

DC5V: 5V DC in jack

Input: HDMI input port

Output1: HDMI output port1(support ARC)

Output2: HDMI output port2

Optical: SPDIF Optical/Toslink output

Coax: SPDIF coaxial output

AUX: Stereo analog audio output

EDID Mode Set Tips:

1. EDID Setting function working for Sources and Sink End special match,
Each side must support the choice EDID.
2. EDID Auto by Pass. Make sure your Source Device video and audio output mode with Auto Status.
3. SPDIF 5.1 function need Source Device DOLBY/DTS to Bitstream/Raw Output.
4. After setting EDID, display will restart with new EDID mode.
5. Note: Some Special Source Device need restart for new EDID effect.

OPERATIONG AND CONNECTION :

- 1.Connect one HDMI cable from a DVD/Blu-ray player into the HDMI input port of splitter.
- 2.Connect one HDMI cable from TV/Monitor into the HDMI output port of splitter.
- 3.If you need a digital audio, connect one optical fiber or coaxial cable from digital power amplifier into the optical / coax output port of splitter.
- 4.If you need an analog audio, connect one 3.5mm audio cable from analog power amplifier/TV into the AUX jack of splitter.

Note: Only when the audio format is LPCM, the AUX will have sound output. So it is proposed that change the EDID mode in 2CH mode. In addition, the AUX no output in ARC ON mode.

- 5.Connect 5V power supply to the extractor and inserted into the power socket.

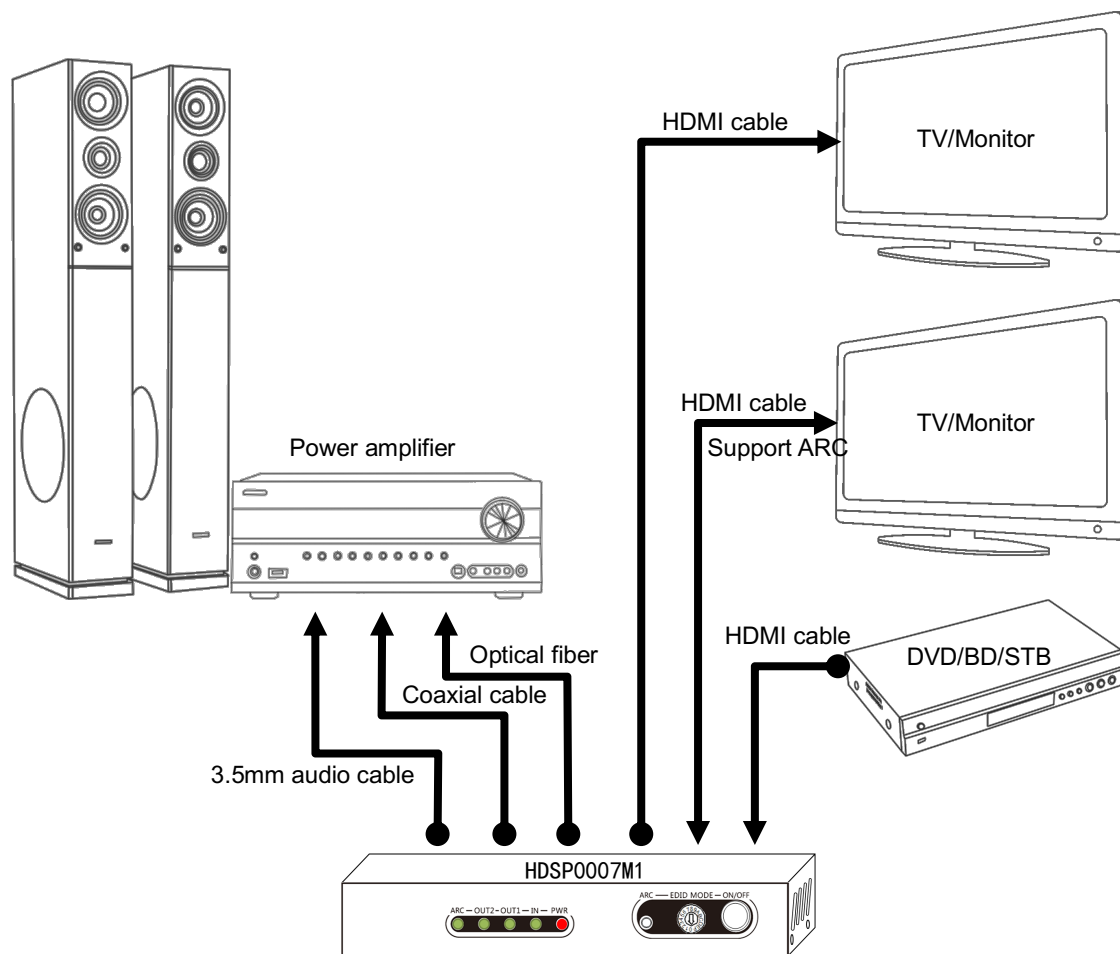


FIG.1.2 CONNECTION DIAGRAM

SPECIFICATIONS:

- HDMI resolutionup to 4K/30Hz, 1080P/1080I/720P/576P/480P/60Hz
- Support video color format24bit/deep color 30bit,36bit
- HDMI Audio Format.....DTS-HD/Dolby-TrueHD/LPCM 2/5.1/7.1CH/DTS/Dolby-AC3/DSD
- SPDIF Digital audio format.....Dolby Digital (AC3)/DTS/LPCM 2CH
- HDMI Max bandwidth.....300MHz
- HDMI Max baud rate.....9Gbps
- Input/Output TMDS signal0.5~1.5Volts p-p(TTL)
- Input/Output DDC signal 5Volts p-p (TTL)
- DAC sample frequency range.....32~192 KHz
- DAC Bit rate range.....16~24 Bit

Analog output level(1kHz@0dB).....	2V RMS
HDMI input cable distance.....	≤15m AWG26 HDMI standard cable
HDMI output cable distance.....	≤15m (1080P) /8m(4K) AWG26 HDMI standard cable
Max working current	600mA
Power adapter format Input	AC 100V~240V 50HZ/60Hz, DC5V/1A
Operating Temperature range	-10 to +55°C
Storage Temperature range.....	-20 to +60°C
Operating Humidity range	10 to 90%RH (No Condensation)
Storage Humidity range.....	5 to 95%RH (No Condensation)
Case Dimension (L x W x H)	139x64x22 (mm)
Weight	215g

Notes:

Please use the machine as the instruction listed to keep the long use lifetime of the machine.

1. The machine should be placed at the spot far from the Damp, High-Temperature, Dusty, Erosive, and oxidative environment.
2. All parts will be free from the strong shake, hit, fall.
3. Touching the power adaptor with the wet hands is prohibited.
4. Please hold the power adaptor head and do not pull the power cord when cut off from the socket.
5. Please turn the power off when the machines not used for long time.
6. Please do not open the cover and do not touch the inside parts.
7. Please use the original factory power adaptor.

FAQ:

Before power on, please check the connection line carefully. And make sure that all interfaces are normally connected. The common trouble shooting way shows below:

No.	Problem Description	Solutions
1	Non-Power-Connected	<ol style="list-style-type: none">1. Check if the power adaptor head is truly and correctly inserted the power socket.2. Check the power if it is in on status.
2	No Sound/ Abnormal sound	<ol style="list-style-type: none">1. Confirm the wires are intact and reliable connection.2. Confirm the input audio format is supported formats.3. Check the signal source audio output settings are reasonable (recommend set to auto)4. Confirm the EDID mode switch setting.5. Confirm the extractor / power amplifier / TV set volume and mute.
3	No Picture / Abnormal Picture	<ol style="list-style-type: none">1. Please to make sure that the TV / amplifier is on and has been connected with the machine.2. Check the signal source output resolution, may be set too high.3. Confirm the EDID mode switch setting.4. Check the cable quality.