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U S E R   M A N U A L

HDMI /MHL Audio (SPDIF+R/L) Extractor

4K EDID Setting Audio Extractor

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INTRODUCTION

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 and please keep this manual for future reference.

Our series of HDMI converters, switches, extenders, matrixes and splitters are designed to make your A/V device use more convenient, more comfortable, more productive and more cost-efficient.

The audio extractor is a device that can support 3D, 4K x 2K,   and it allows the one HDMI or one MHL source input and one HDMI output connected to one HD Display (like an HDTV or an HD Projector) and extract the audio to one SPDIF audio out + one L/R Stereo audio out.

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

FEATURES

- One HDMI or One MHL input converter to one HDMI+ One SPDF+ One LR Audio Out

- Output audio support: SPDIF+R/L analogue Audio Output

- Supports Full HD 1080P, Full 3D, 4K x 2K resolution

- HDMI/ MHL working in dual mode, can reduce the number of ports

- HDMI to achieve the synchronization of audio signal separation. There are three kinds of audio mode options ADV / 2.0CH / 5.1CH

- LED indication: when source or sink is working, LED relative to is lit.

- No loss of quality

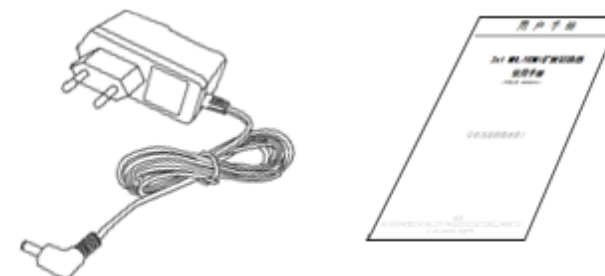- Installs in minutes

- Need DC5V/1A power supply

Trouble shooting problems:

NO	Problem	Solution
1	No Power	1. Check if the power adaptor is inserted correctly. 2. Check the power switch is on.
2	No Picture	1. Make sure the TV is on and has been connected to the device correctly. 2. Check that the signal source is on and connected correctly. 3. Check the quality of the connection. 4. Check the quality of the line. 5. Check the quality of the cables.
3	Obscure Picture	1. Disconnect and reconnect the cables. 2. Check the quality of the HDMI cables.
4	No sound	1. Check the audio mode switch is on the correct setting.

Contents:

1, 5V power adapter   1pcs
2, User Manual   1pcs
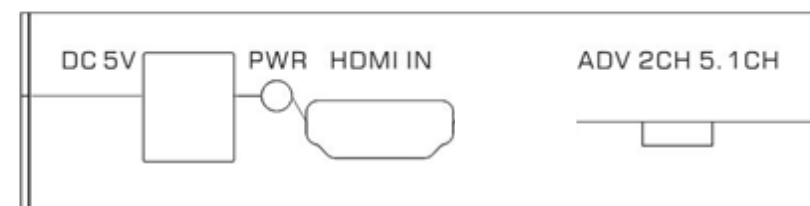

Physical Connection:

Figure 1.0 Front Panel

DC5V: 5V DC-DC Power Interface

PWR : Power Led Status Light

HDMI / MHL IN: HDMI/MHL dual mode input ports

SWITCH: Switch button for Audio output mode, choose from the three options of audio modes 5.1CH, 2.0CH, ADV [Advance Audio] by adjusting the switch. (When switch to 5.1CH audio mode output, the Digital audio signal receiving terminal must support DTS / DOLBY-AC3 decoding or the input D audio signal receiving terminal will have no sound output). If required the audio signal receiving terminal can output the audio, please switch to 2CH audio mode. When audio output switch to the ADV [Advance Audio] mode, the audio output format will be decided by the audio signal receiving machine audio decode ability. The splitter will output 7.1

channel audio signal while the output end connects the AV amplifier with HDMI port that support 7.1 channel audio decode.(the HD Source signal itself is 7.1 channel)
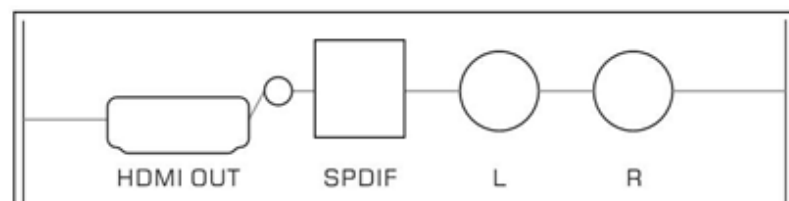

Figure 1.1 Rear Panel

HDMI OUT: HDMI output interface

GREEN LED : HDMI output led status light

SPDIF：SPDIF optical Output

L / R：Analog Sound Track(L/R) Output

Operating and Connecting：

1. Use a good quality HDMI cable to connect the HD Source with the HDMI input port of the converter or use one MHL to HDMI Cable to connect the MHL device with the HDMI input port of the extractor.
2. Use one HDMI Cable to connect the extractor HDMI output port with the HD Display.
3. Use one audio cable to connect the extractor R/L port with the audio equipment.
4. Use an optical cable to connect the SPDIF port with the audio equipment.
5. Connect the extractor with 5V DC power adaptor.

SPECIFICATIONS:

HDMI resolution ……………………… ……...24/50/60fs/1080p/1080i/720p/576p/576i/480p/480i

Support video color format…………………………………...…..………...24bit/deep color 30bit,36bit

Audio output………………………………………………………………………………. L/R+SPDIF

Max bandwidth…………………………………………………………………………………….300MHz

Max baud rate…………………………………………………………………………..…..……9.0Gbps

Input/Output TMDS signal ………………………………………………….0.5~1.5Volts p-p(TTL)

Input/Output DDC signal …………………………………………………… 5Volts p-p (TTL)

Input cable distance……… …………………………… ……..≤15m AWG26 HDMI standard cable

Output cable distance…………………………………..…..≤20m AWG26 HDMI standard cable

Max working current………………………………………………………………...…….….500mA

Power adapter format…………………Input: AC (50HZ, 60HZ) 100V-240V; Output: DC5V/1A

Operating Temperature range……………………………………………… (-10 to +55℃)

Storage Temperature range…………………………………………………… -20 to +60□

Operating Humidity range………………………………………10 to 90%RH (No Condensation)

Storage Humidity range…………………………………………5 to 95%RH (No Condensation)

Dimension (L x W x H) …………………………………………………84.5X61.8X21 (mm)

Weight…………………………………………………………………...……………………135g

Notes:

Please follow these instructions to prolong the lifetime of the machine.

1. The machine should be placed away from Damp, High-Temperature, Dusty, Erosive, and oxidative environments.
2. Do not drop or jolt the unit..
3. Touching the power adaptor with the wet hands is prohibited.
4. Always remove the power adaptor by pulling the main body of it and not the cord when taking the adaptor from the power socket.
5. Pls turn the power off when the machine is not used for long time.
6. Pls do not open the cover and do not touch the inside parts.
7. Always use the original factory power adaptor.

Before you power the unit on, please check the connection cables carefully making sure that all interfaces are connected correctly.