

# 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. 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 HD1TO1LR converter allows the HD Source connected to single HD Display and adds extra one L+R and SPDIF audio out port.

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

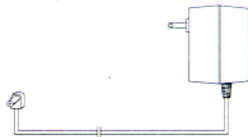
## FEATURES

- One HDMI input converted to one HDMI+ Audio (SPDIF+R/L)output
- Output audio support: SPDIF+R/L analog Audio Output. SPDIF (Optical output only support Stereo Audio)
- When use SPDIF enjoy Optical Audio,Do not connect L/R .
- Input Resolution: up to 1080P(50/60Hz)
- LED indication: when source or sink is working, LED relative to is light.
- No loss of quality
- Installs in minutes
- Need DC5V/1A power supply

## The accessories with the machines lists as picture:

1. 5V Power Adaptor
2. one pc of Manual

Power Adaptor



Physical Connection Showing Picture:



Figure 1.0 Front Panel Showing Picture

DC/ 5V: 5V DC-DC Power Interface

Power: Power Led Status Light

HDMI IN: HDMI input interface



Figure 1.1 rear panel showing picture

HDMI OUT: HDMI output interface

OUTPUT: HDMI output led status light

SPDIF: SPDIF optical Output

L/R: Analog Sound Track(L/R) Output

## Operating and Connecting:

1. To use one hdmi cable to connect the HD Source with the input HDMI port.
2. To connect the converter hdmi output port with the HD Display.
3. To use one audio cable to connect the converter R/L port with the audio equipment.
4. To use the optical cable to connect the SPDIF port with the audio equipment.
5. To connect the converter 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.....	225MHz
Max baud rate.....	6.75Gbps
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 adaptor format.....	Input:AC (50HZ, 60HZ) 100V-240V; Output: DC5V/1A
Operating Temperature range.....	(-15 to +55 ℃)
Operating Humidity range.....	.5 to 90%RH (No Condensation)
Dimension (L x W x H) .....	84.5X61.8X21 (mm)
Weight.....	132g

## Notes:

Pls 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. Pls hold the power adaptor head and do not pull the power cord when cut off from the 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. Pls use the original factory power adaptor.

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

Serial NO	Trouble Description	Cause and Ways to deal with
1	Non-Power-Connected	1. Check if the power adaptor head is truly and correctly inserted the power socket. 2. Check the power switch if it is in on status.
2	No Picture	1. Pls to make sure that the TV is on and has been connected with the machine. 2. To check if the signal source is on and well connected. 3. Check the system connection quality. 4. Check if the line is all good quality. 5. Check the cable quality
3	Obscure Picture	1. To try again to connect the cable to be free from the unsuccessful connection. 2. HDMI Cable Quality