

USER MANUAL

HDMI -Single CAT-HDMI Extender

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, switchers, extenders, matrix and splitters are designed to make your A/V device use more convenient, more comfortable, more productive and more cost-efficient.

The Single **Extender** uses single cat-5E or cat-6 (recommended) cables up to 60 meters instead of HDMI cable to transmit high definition signal, for cutting down cost. Long distance transmission of high definition is very difficult because HDMI cable is very expensive and infrequent. The Extender is designed to supply for long distance transmission of high definition signal.

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

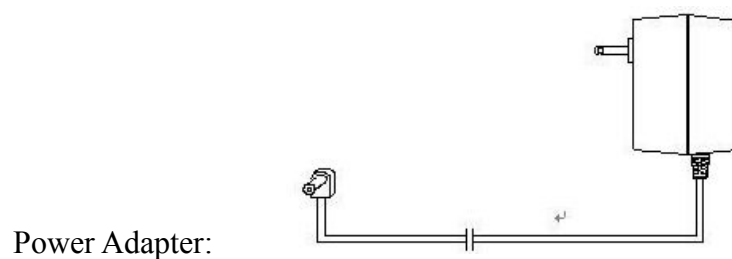
Features

- Support HDMI 1.3 protocol
- Support full 3D
- HDCP 1.2 protocol compliant
- Support video input: 24/50/60fs/1080p/1080i/720p/576p/576i/480p/480i
- Signal transmission: single cat-5e or cat-6 (recommended) cables up to 60 meters instead of HDMI cables are connected between TX and RX Extender.
- Support video output: 24/50/60fs/1080p/1080i/720p/576p/576i/480p/480i
- Support CEC
- Audio format support: DTS-HD/Dolby-true HD/LPCM7.1/DTS/Dolby-AC3/DSD
- LED indication: when power is supplied or device is working, LED relative to is light.

- Support up to 20 meters AWG26 cable length between extender and sources & sink device
- No loss of quality
- Installs in minutes
- Need DC5V power supply

The accessories with the machine lists as picture:

- 1、 2pcs 5V Power Adapter
- 2、 One pc of Manual
- 3、 One Extender (TX + RX)



Physical Connection Showing Picture:

connecting diagram

Figure 1.0 Front Panel Showing Picture

To use one cat6 to connect the sender and receiver. 1 to 1.2 to 2.

Figure 1.1 rear panel showing picture

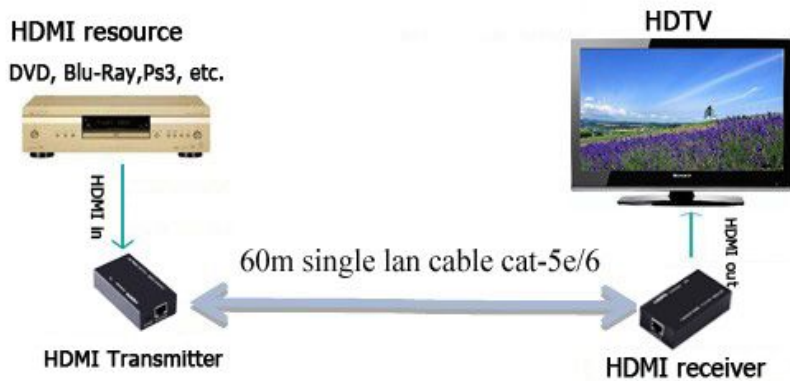
SOURCE:(Signal Source Input)

SINK:(Receiver to connect the HDTV or other display.)

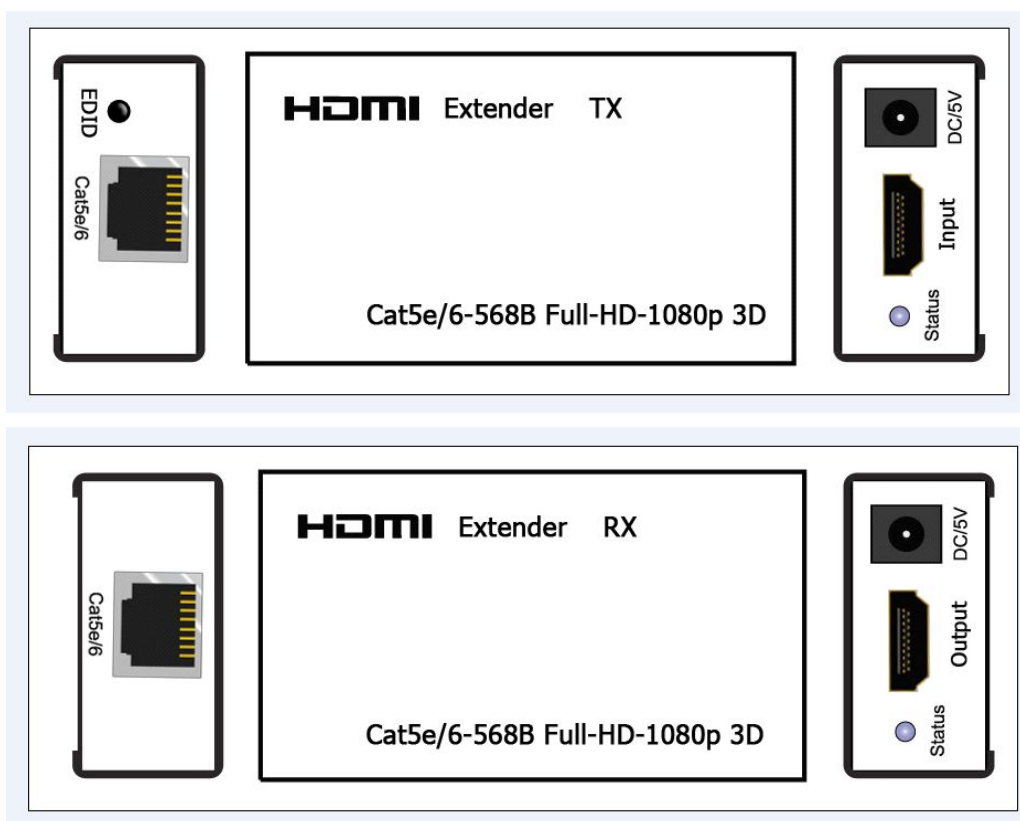
DC 5v: 5V DC-DC Power Adapter Interface

Operating and Connecting:

- 1.Connect the HDMI input source to the sender
- 2.Connect one HDMI 1.3 cable up to 20 meters between output of the sender and input of the receiver
- 3.Connect the output of Receive to display
- 4.Connect 5V power supply to the HDMICAT60RX&Extender



SPECIFICATIONS:



Length of CAT-6 cable between RX and TX.....Up to 60 meters
HDMI Input..... 24/50/60fs/1080p/1080i/720p/576p/576i/480p/480i
Support audio format input.....DTS-HD/Dolby-true
HD/LPCM7.1/DTS/Dolby-AC3/DSD
HDMI Output 24/50/60fs/1080p/1080i/720p/576p/576i/480p/480i
Support audio format output..... LPCM7.1/DTS/Dolby-AC3/DSD
Max bandwidth.....225MHz
Max baud rate.....6.75Gbps
Input Video signal..... .0.5~1.5Volts p-p

Output DDC signal..... 5Volts p-p(TT1L)
 Input/Output HDMI 1.3 cable distance.....≤20m AWG26 HDMI 1.3 standard cable
 Max working current.....100mA
 Power adapter format.....Input:AC(50HZ,60HZ)100V-240V;Output:DC5V
 Operating Temperature range.....(-15 to +55℃)
 Operating Humidity range.....5 to 90% RH(No.Condensation)
 Dimension(L×W×H).....82×45×21(mm)
 Weight.....220g

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 adapter with the wet hands is prohibited.
4. Please hold the power adapter head and do not pull the power cord when cut off from the socket.
5. Please turn the power off when the machine is 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 adapter.

Before power on,please check the connection line carefully.And make sure all interfaces are normally.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 adapter head is truly and correctly inserted the power socket. 2.Check the power switch if it is in on status
2	No Picture	1.Please 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(to see if the cable is compliant with the HDMI V1.3).
3	Obscure Picture	1.To try again to connect the cable to be free from the unsuccessful connection. 2.HDMI Cable Quality(HDMI Cable is compliant with the HDMI V1.3)

