

USER MANUAL

HDMI-CAT-HDMI Extender

Model No: AA6048

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

The extender uses one piece of standard CAT6/7(cable length max up to 150M) to transmit the HD Signal from the DVD, HD Player, PC and other HD source set to the Display at distance; It follows the TCP/IP protocol to send the HD Video by the local area network; it supports one sender to multi receivers and Cascade connection way to transmit the HD Signal by the help of Ethernet switcher. Also, it can return the received IR signal at the receiver to the sender to help the users to control the HD source at long distance. For HDMI Cable have limit at the length and cost, so the extender is for solve the low cost and long-distance HD Signal transmit need.

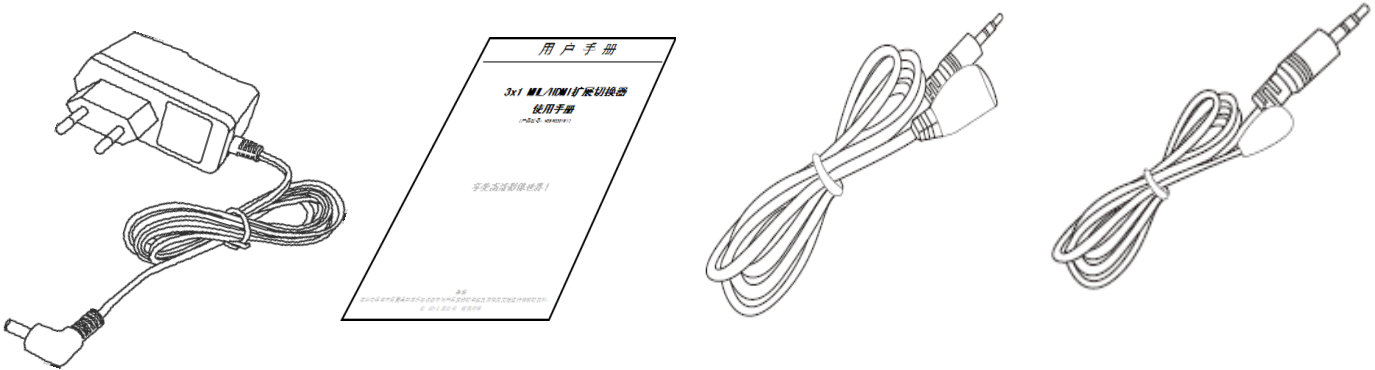
Our devices offer solutions for noise, space and security concerns, data center control, information distribution, conference room presentation, school and corporate training environments.

FEATURES

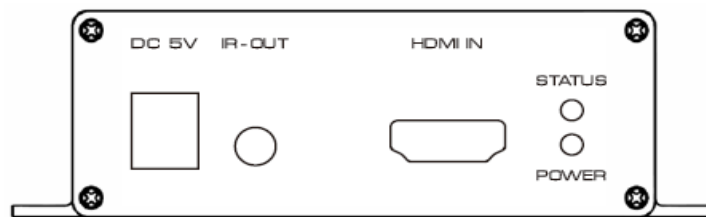
- Support video input : 24/50/60fs/1080p/1080i/720p/576p/576i/480p/480i
- Signal transmission: use one cat6/7(recommend cat6) to connect the sender and receiver, and the Ethernet cable can be up to 150m.
- Support Point to Point, point to multi-point and cascade transmit way.
- Support Resolution up to 1080P/60HZ.
- Support 24/30/36Bit
- Support video output : 24/50/60fs/1080p/1080i/720p/576p/576i/480p/480i
- Support IR extender, it can do long distance control to the HD Source by using the IR received at the receiver.
- Supports 802.3 IEEE Standard
- CAT connections according to IEEE-568B
- Support to transmit the longer distance by the help of the Ethernet switcher.
- LED indication: when power is supplied or device 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 | 2PCS |
| 2、 one pc of Manual | 1PCS |
| 3、 IR receiver unit | 1PCS |
| 4、 IR transmitter unit | 1PCS |



Physical Connection Showing Picture:



Picture 1.0 TX Front Panel Port Picture

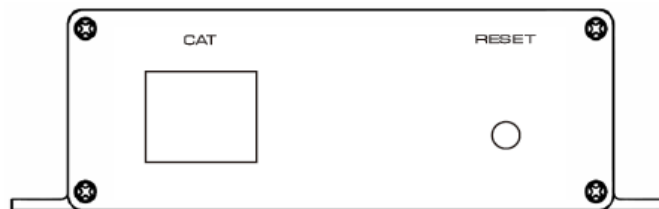
DC 5V: 5V DC-DC Power Adaptor Interface.

IR-OUT: IR Sender Adaptor Port

HDMI IN: Signal Source Input.

STATUS: Led Status Light

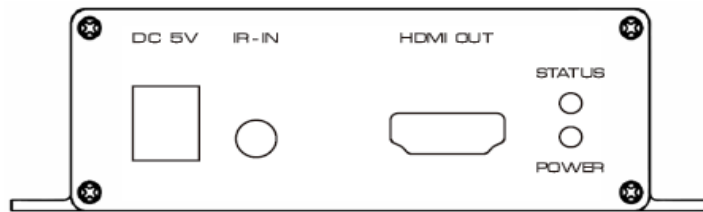
POWER: Power Led Status Light



Picture 1.1 TX Rear Panel Port Showing

CAT: Ethernet Port

RESET: RESET KEY



Picture 1.2 RX Rear Panel Port Showing

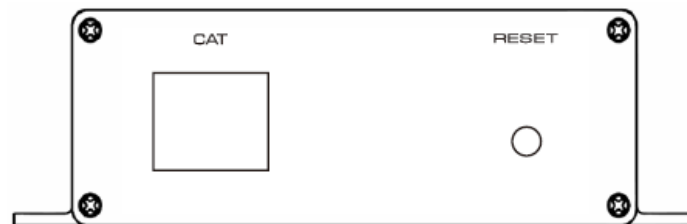
DC 5V: 5V DC-DC Power Adaptor Interface.

IR-IN: IR Receiver Adaptor Port

HDMI OUT: Receiver to connect the HDTV or other display.

STATUS: Led Status Light

POWER: Power Led Status Light



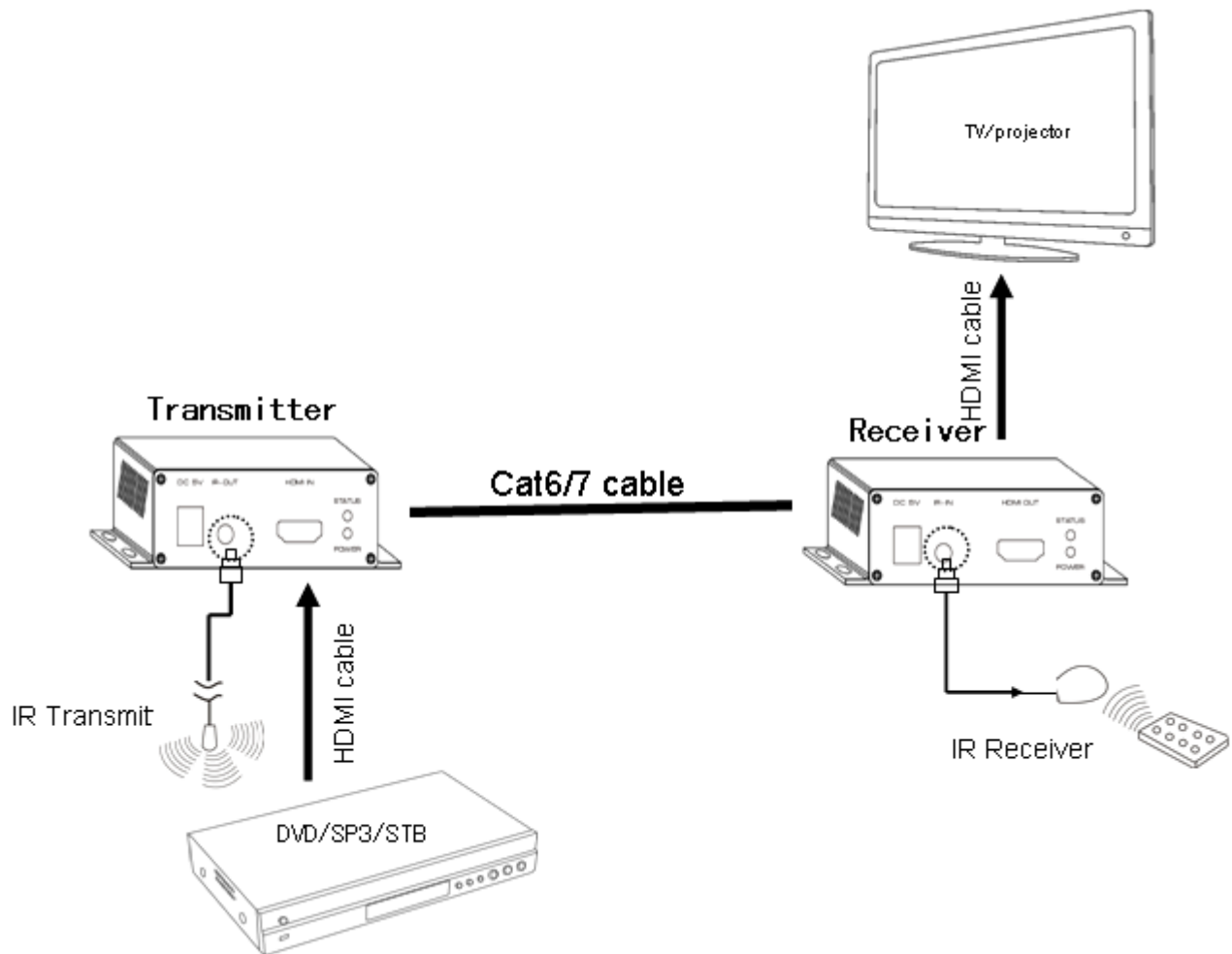
Picture 1.3 RX Front Panel Port Showing

CAT: Ethernet Port

RESET: RESET KEY

Cat: To use one cat6/7 cable to connect the cat port of the sender and receiver.

Operating and Connecting:



1. Connect one HDMI cable up to 10 meters between source device and TX Extender
2. Connect one HDMI cable up to 15 meters between sink device and RX Extender
3. use one cat6/7(recommend cat6) to connect the sender and receiver, and the Ethernet cable can be up to 150m.
4. To connect the IR adaptor with the IR-Out port at the sender and point the IR Sender adaptor to the IR Receiver point of the HD Source.
5. To connect the IR adaptor with the IR-IN port of receiver.
6. Connect the power adaptor to the sender and receiver.
7. Use the remote to point at the IR Receiver adaptor to do control to the HD Source.

SPECIFICATIONS:

HDEX008M1

Video Input/Output Port.....	HDMI
Length of CAT-6 cable between Rx and TX.....	Up to 150 meters
HDMI Input.....	24/50/60fs/1080p/1080i/720p/576p/576i/480p/480i
Support audio format input.....	DTS-HD/Dolby-trueHD/LPCM7.1/DTS/Dolby-AC3/DSD
HDMI Output.....	24/50/60fs/1080p/1080i/720p/576p/576i/480p/480i
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 HDMI cable distance.....	≤10m AWG26 HDMI standard cable
Output HDMI cable distance.....	≤15m AWG26 HDMI standard cable
Max working current.....	600mA
Power adapter format.....	Input: AC (50HZ, 60HZ) 100V-240V; Output: DC5V/1A(RX/TX)
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)
Dimension (L x W x H)	94X93.8X28 (mm)(RX/TX)
Weight.....	150g(TX)
Weight.....	152g(RX)

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