



HDMI EXTENDER

User Manual

BF-372B

**HDMI Extender Over Single CAT6 With IR (60M)
(HDMI1.3V 3D Full HD 1080P)**

Bring High-Definition to your life!

Thank you for purchasing our product. To ensure safety and many years' trouble-free operation of the product, please read the manual carefully before using this product.

1.0 INTRODUCTION

The HDMI to RJ45 Extender use single CAT6 or higher level 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.

2.0 FEATURES

1. Signal transmission : CAT6 or higher level cables up to 60 meters instead of HDMI cables are connected between TX and RX Extender.
2. Support HDMI 1.3, HDCP 1.2 protocol compliant.
3. Support video input : 24/50/60fs/1080p/1080i/720p/576p/576i/480p/480i.
4. Support video output : 24/50/60fs/1080p/1080i/720p/576p/576i/480p/480i.
5. Support CEC.
6. Support 20~60KHz IR working.
7. Audio format support : DTS-HD/Dolby-trueHD/LPCM7.1/DTS/Dolby-AC3/DSD.
8. No loss of quality.
9. Installs in minutes.
10. Need DC5V/1A power supply.

3.0 PACKAGING ACCESSORIES:

When first unpacking your extender please check to see if the following items are included:

- | | |
|--------------------------|------|
| 1.HDMI Transmitter ----- | 1PCS |
| 2.HDMI Receiver ----- | 1PCS |
| 3.IR-TX ----- | 1PCS |
| 4.IR-RX ----- | 1PCS |
| 5.Power supply ----- | 2PCS |
| 6.User manual ----- | 1PCS |

4.0 SPECIFICATION

Length of CAT6 cable between Transmitter and Receiver -----	Up to 60 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
Support audio format output -----	LPCM7.1/DTS/Dolby-AC3/DSD
Max bandwidth -----	165MHz
Max baud rate -----	4.95Gbps

Input Video signal	0.5~1.5Volts p-p
Output DDC signal	5Volts p-p (TT1L)
Input/Output HDMI cable distance	≤20m AWG26 HDMI standard cable
Max working current	800mA
Power adapter 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)

5.0 PANEL DESCRIPTIONS

Before installation, please make sure all devices you wish to connect have been turned off.

HDMI EXTENDER TX PANEL



DC/5V	Power IN
Power	Power Indicator
HDMI IN	HDMI IN port
IR-TX	IR transmitter
CAT6	CAT6 OUT
EDID	EDID copy button

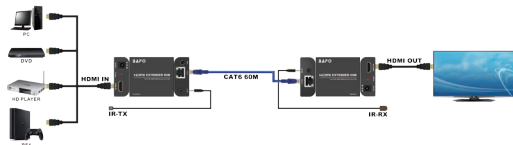
HDMI EXTENDER RX PANEL



IR-RX	IR receiver
CAT6	CAT6 IN
DC/5V	Power IN
Power	Power Indicator
HDMI OUT	HDMI OUT port

6.0 CONNECT AND OPERATE

Before installation, please make sure all devices you wish to connect have been turned off.



1. Connect HDMI signal source to the transmitter of HDMI extender.
2. Use CAT6 or higher level cables up to 60 meters to connect the transmitter and receiver of HDMI Extender.
3. Connect the display equipment with HDMI connector to the receiver of HDMI extender.
4. Power on all connected devices, choose the input of the display device to its HDMI channel.

The method of EDID copy of display terminal:

Connect the HDMI input port of the HDMI extender transmitter to the TV with the power adapter, and press the EDID button on the transmitter for 1-3 seconds to complete the EDID copy.

7.0 INSTALLATION AND PRECAUTIONS

To avoid electric shock, product damage and to protect your safety, please notice the following:

1. Please slowly plug or unplug signal cables and do not often plug, unplug, or shake them.
2. The equipment should not be placed under the sun, rain and damp or unventilated environment.
3. Liquid items should not be placed on the equipment.
4. Do not install the equipment near heat sources such as fire, power, or other amplifiers that produce heat.
5. Do not insert the metal or other objects to the equipment in addition to connecting cables to ports.
6. Do not demolish the equipment by yourself; it should be maintained by professional maintenance staff.