HDBaseT HDMI Extender over single CAT 5/6/7
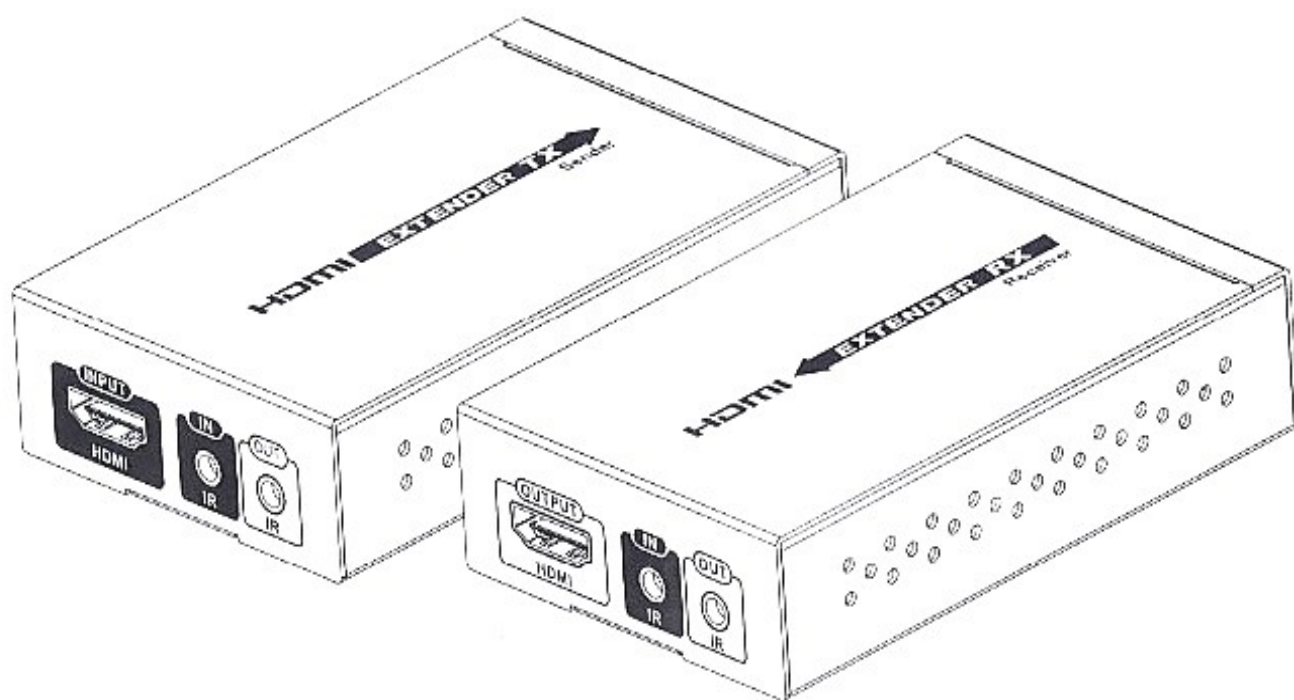# User's manual
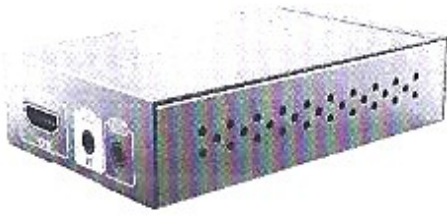
IMPORTANT SAFETY INSTRUCTIONS

1. Do not mix up HDBaseT TX and HDBaseT RX before installation.
2. Do not mix up IR receiver and IR blaster before installation.
3. Use DC5V power supply only. Make sure specification matched if using adapters not supplied by factory.

1. PACKAGE CONTENTS

HDBaseT to HDMI receiver
RX*1pcs

HDMI to HDBaseT sender
TX*1pcs

DC5V2A*2pcs

IR blaster extension cable

IR receiver extension cable

User's manual*1pcs

2. INSTALLATION REQUIREMENTS

2.1 HDMI source device(computer graphics card, DVD,PS3, HD monitoring equipment etc)

2.2 HDMI display device like SDTV, HDTV, projector with HDMI port.

2.3 UTP/STP CAT5E/6/6A/7 cable

2.4 Follow standard IEEE-568B

3. INTERFACES

3.1 HDMI to HDBaseT
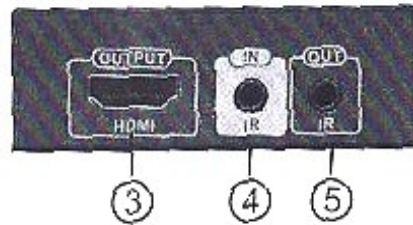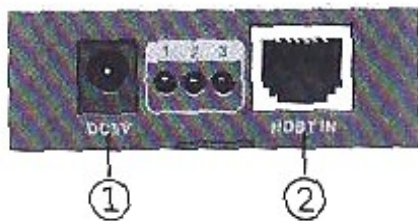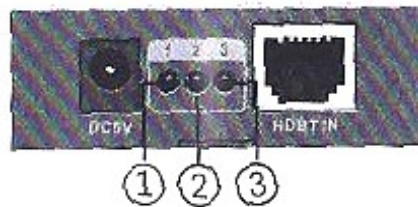
① HDMI IN: HDMI signal input to connect with HDMI source device.

② IR IN: IR signal input to connect with IR receiver extension cable

③ IR OUT: IR signal output to connect with IR blaster extension cable

④ DC5V: Power input

⑤ HDBT OUT: HDBaseT signal output

3.2 HDBaseT to HDMI

①DC5V: Power input

②HDBT IN: HDBaseT signal input

③HDMI OUT: HDMI signal output to connect with HDMI display device.

④IR IN: IR signal input to connect with IR receiver extension cable

⑤IR OUT: IR signal output to connect with IR blaster extension cable

4. LED INDICATORS WORKING STATUS

①It is flashing with power on.

②It is lighting on when TX and RX are well connected.

③It is lighting on when RX's HDMI OUT connects with
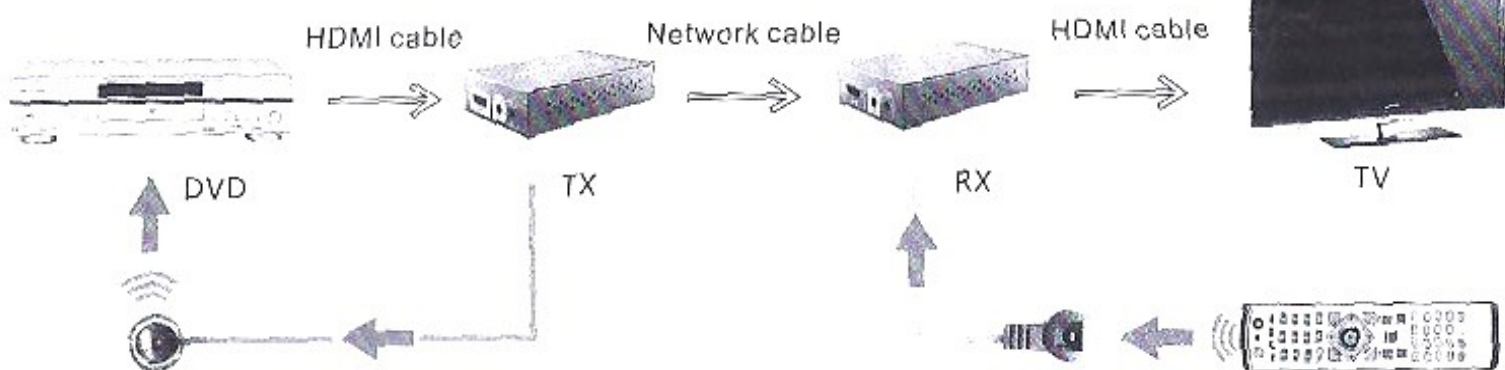   HDMI display device and has HDMI signal output.

5.INSTALLATION PROCEDURES

5.1 To make CAT6 network cable

Follow the stanard of IEEE-568B: 1-Orange/white, 2-Orange
3-Green/white, 4-Blue
5-Blue/white, 6-Green
7-Brown/white, 8-Brown

5.2 Connections

HDMI cable   Network cable   HDMI cable

DVD   TX   RX   TV

6. RFQ

Q1: No image output?

A1: Check the led indicator status to make sure all connections are good and stable.

Q2: Signal led "3" is flashing but no image output?

A2: Check if the HDMI display device has been switched to the right HDMI input channel.

Q3: Signal led "2" is flashing but "3" light is off?

A3: Check whether the TX' HDMI IN has signal input and make sure RX's HDMI OUT is well connected with HDMI display .

Q4: Output image has flashing points or disturbance points?

A4: Change TX' HDMI signal input cable or use shorter HDMI cable.

7. SPECIFICATION

Items	Specifications			Note
Power supply	DC5V/2A			2pcs
HDMI signal	4KX2K, compatible with HDCP; support CEC and 24bits deep color			
resolution Supported	480i、480P、576i、576P、720P、1080i、1080P、3D、4K×2K			
Network cable	CAT5E、CAT6、CAT6A、CAT7			
Transmission length	CAT5E	60m	Up to 1080P @60Hz 36bpp	
	CAT6	35m	1080P@60Hz 48bpp,1080P@60Hz 3D, 4K×2K 30Hz	
	CAT6A	70m	Up to 1080P@60Hz 36bpp	
	CAT7	40m	1080P@60Hz 48bpp,1080P@60Hz 3D, 4K×2K 30Hz	
Infrared back	Support 20~60kHz wide frequency devices and Bi-directional IR transmission			
Power consumption	TX：<3.5W；RX：<6W			
Product dimension	98.5(L)X66.5(W)X23(H)mm			