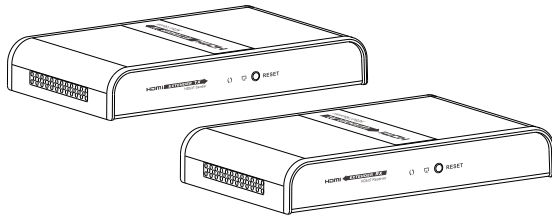## HDbitT HDMI Extender over Powerline

User manual

Thank you for purchasing this product. For optimum performance and safety, please read the instructions carefully and keep the manual for future reference.

• Important safety notice

Please read below safety instructions carefully before installation and operation:

1. Please pay attention to all the warnings and hints on this device.
2. Do not expose this unit to rain, moisture and liquid.
3. Do not put any stuff into the device.
4. Do not repair the device or open the enclosure without professional person guidence to avoid electronic shock.
5. Make sure good ventilation openings to avoid product overheating damage.
6. Shut off power and make sure environment is safe before installation.
7. Do not plug-in/out the network cables and IR cables when it is in using to avoid cables damage.
8. Make sure the specification matched if using 3rd party DC adapters.

• Introduction

This HDMI powerline extender applies the HDBitT transmission protocol and transmits audio and video signal over existing power line. It does not require any cabling. Under the same electric meter, it just needs to connect transmitter and receiver .Power them on and they can match automatically. Plug and play design gives users very convenient and portable connection.

• Features

1. It use powerline to transmit signal, and can be connected where there is outlet, eliminating the wiring of network cable or HDMI Cable.
2. Input voltage: AC 100~240V.
3. It can extends 1080P@60Hz signal up to 300M under the condition of fluent electric power environment.
4. It supports IR pass back .
5. Supports HDMI loop output from TX
6. Fireproof raw material is used to ensure safety and reliability.
7. Easy setup, plug and play.

• Package contents

HDMI Extender TX sender*1pcs

HDMI Extender RX receiver*1pcs

AC 100-240V power line*2pcs

IR blaster extension cable*1pcs
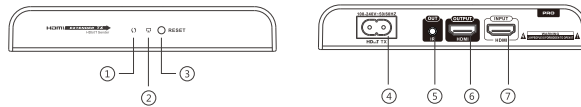
IR receiver extension cable*1pcs

User manual*1pcs

• Installation Requirement

1. HDMI source device (DVD, PS3, Set top box, PC etc).
2. HDMI display device like SDTV, HDTV, and projector with HDMI port.
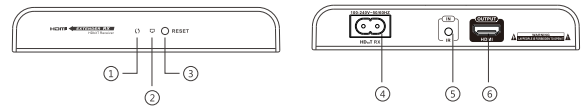3. AC 100~240V Power input.

• Panel description
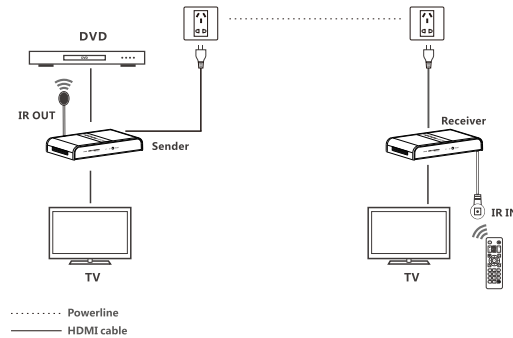
1. HDMI Extender TX sender

①	Data transmission led	Led blinks slowly when it is connecting. Led blinks fast when it is successfully connected and transmitting data
②	Connection led	Led blinks to indicate a working circuit connection
③	Reset	Press reset button to restart the device
④	Power input	Connect with AC100~240V power line
⑤	IR blaster extension cable interface	Connect with IR blaster extension cable. Please put the IR blaster close to source device to best transmit the IR signal from receiver
⑥	HDMI output	Connect with HDMI display device
⑦	HDMI input	Connect with HDMI source device

2. HDMI Extender RX receiver

①	Data transmission led	Led blinks slowly when it is connecting. Led blinks fast when it is successfully connected and transmitting data
②	Connection led	Led blinks to indicate a working circuit connection
③	Reset	Press reset button to restart the device
④	Power input	Connect with AC100~240V power line
⑤	IR receiver extension cable interface	Connect with IR receiver extension cable. Please make sure the remote control is within the required range of IR receiver.
⑥	HDMI output	Connect with HDMI display device

• Connection

········· Powerline
———— HDMI cable

• FAQ

Q: TV display "waiting for connection..." on the bottom right corner?
A: Please check if the power supply of TX (sender) is well connected and the power indicator led lights on.

Q: TV display "Please check the TX input signal"?
A: 1) please check if there is an HDMI signal input of sender TX.
   2) Try to connect the signal source directly to display device to see if there is signal output from source device or change the signal source, HDMI cables and try again.

Q: Display not fluent and stable?
A: 1) Please check if the powerline is arranged smooth and If the poweline length is over the limitation of this product.

2) Please check if the powerline capacity is over loaded
3) Please check if there is electricity interruption equipment. And it is advised to plug in wall outlet and avoid using power charger and power adapter.

• Specification

Items	Specification
HDMI signal	Full compatible with HDCP
Transport protocol	HDbitT
Support resolution	480i@60Hz, 480p@60Hz, 576i@50Hz, 576p@50Hz, 720p@50/60Hz, 1080i@50/60Hz, 1080p@50/60Hz
Transmit distance	It extends 1080P@60Hz signal up to 300 meters in good electric power environment. Note: The transmission distance may vary in different electric power environment.
IR remote control	Support 20~60kHz IR remote device
Working temperature	0℃～60℃
Input voltage	AC 100～240V
Power consumption	TX: 7.5W; RX: 7W
Enclosure material	fireproof engineering plastics
Product dimension	150(W) x 92.7(D) x 25(H) mm *2pcs
Weight	TX: 330g RX: 316g
Color	Black

Disclaimer

The product name and brand name may be registered trademark of related manufacturers.TM and ® may be omitted on the user manual. The pictures on the user manual are just for reference,and there may be some slight difference with the real products.
We reserve the rights to make changes without further notice to a product or system described herein to improve reliability, function or design.