

HD SENDERTM



EU Environmental Protection

Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your local authority or retailer for recycling advice.



HD SENDERTM

USER MANUAL

HI-DEFINITION WIRELESS A/V ROUTING SYSTEM



Version 1.0

Please read this user manual carefully before using this product.
Failure to understand operation procedures may result in injury.

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Brief Introduction

Congratulations on your purchase of our high-definition (HD) wireless audio/video (AV) transmission system. The device can be wirelessly connected from any HD source device to an HD display device such as TV, projector, HD disc player, game machine, recorder, and set-top-box. With the device, you can enjoy HD-quality video anywhere in your home or office without the expense, mess or hassle of HD cables.

Product Features

- Instant wireless HD AV transmission;
- Transmission range in the vacancy indoor environment 30m;
- Supports the video HDMI interface at the maximum of 1080P 60 Hz;
- Supports HDMI1.3 and HDCP1.2 protocols;
- Supports the EDID function;
- Supports the CEC function (for the receiving and display devices);
- Supports the IR extension transmission function;
- Transmission power 12 dBm;
- Supports the point-to-point transmission function currently which can be expanded to the point to multi-point or multi-point to multi-point transmission function;
- Supports the AES128-bit image encryption Function;
- Supports the reverse back-transmission channel at the maximum rate of 100 kbs;
- Supports OSD display;
- Supports WHDI 1.0 specifications.

Technical Specifications

Video formats supported	TV: 1080i, 720p, 576p, 480p PC: VGA(640X480), SVGA(800X600), XGA(1024X768).
Audio formats supported	PCM,DTS, DOLBY DIGITAL
RF communication system	MIMO
Modulation mode	OFDM
Maximum transmission power	12dBm
Image transmission distance	≥30m
Image delay	<1 ms
Transmission/receiving antenna mode	Built-in
Operating frequency	5150-5250MHz (Japan), 5725-5850MHz (Europe/USA)
Operating power supply	100-240V AC mains, 5V 2A DC power
Storage temperature	-20~80°C
Operating temperature	-10~50°C

* The working frequency band may vary with the relevant laws in different countries or regions.

Packing List



HD wireless video transmitter x 1



HD wireless video receiver x 1



Base x 2



HDMI cable x 1



Power supply x 2

Structure

Transmitter



① Power Input Port

This port is used to connect the 5V/2A power adapter supplied which is 5.5mm in diameter and positive outside and negative inside.

- ② **HDMI Input Port**
This port is used to connect to a video cable supporting the HDMI1.3 protocol.
- ③ **Output Interface for IR Remote Signals**
No function now.
- ④ **Wireless Network Status Indicator**
If this indicator turns green after the power supply is connected, it indicates that the wireless network connection has been made successfully; if this indicator does not turn green, it indicates that wireless network connection has failed to be made; if this indicator flashes, it indicates that the device is faulty. Please consult the Troubleshooting section of this manual.
- ⑤ **Video Status Indicator**
If this indicator turns green after an HDMI cable is connected, it indicates that the video connection has been made successfully; if this indicator does not turn green, it indicates that video connection fails to be made.
- ⑥ **Code Key**
This key functions to: 1. Enhance transmission distance: When the distance between a transmitter and a receiver exceeds the transmission distance, press this key on the transmitter or receiver to enhance the transmission distance. The picture quality, however, may deteriorates; 2. Enable the code matching function: Press and hold this key on the transmitter and the receiver for 3 seconds at the same time, the codes of each machines will be Automatically synchronized.

Receiver



- ① **Power Input Port**
This port is used to connect the 5V/2A power adapter which is 5.5mm in diameter and positive outside and negative inside.
- ② **HDMI OutputPort**
This port is used to connect a video cable supporting the HDMI1.3 protocol.
- ③ **Wireless Network Status Indicator**
If this indicator turns green after the power supply is connected, it indicates that the wireless network connection has been made successfully; if this indicator does not turn green, it indicates that the wireless network connection has failed to be made; if this indicator flashes, it indicates that the device is faulty. Please consult the Troubleshooting section of this manual.
- ④ **Video Status Indicator**
If this indicator turns green after an HDMI cable is connected, it indicates that the video connection has been made successfully; if this indicator does not turn green, it indicates that video connection fails to be made.
- ⑤ **Code Key**
This key functions to: 1. Enhance transmission distance: When the distance between a transmitter and a receiver exceeds the transmission distance, press this key on the transmitter or receiver to enhance the transmission distance. The picture quality, however, may deteriorates; 2. Enable the code matching function: Press and hold this key on the transmitter and the receiver for 3 seconds at the same time, the codes of each machines will be automatically synchronized.
- ⑥ **IR Remote Receiving Window**
No function now.