

# Digital STB Wireless Sharing Device

Wireless IR Remote Extender  
2.4G/5.8G Series



Use Manual

**Please Support Environment Protection**  
Waste electrical products should not be disposed of household wants. Please put them to the recycle facilities. Check with your local authority or retailer for recycling advice!



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### Esteemed Customers:

#### Thank you for purchasing our product!

You will enjoy the fun brought by Wireless Audio Video Transmitter along with all the global users who firmly support us. Please do read this guide book carefully and thoroughly for better use of this product. It works for home use. Every check of this product (if it works normally) before uses it is necessary. If there any default or damage of this product, please maintain or repair it in time.

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## I. Product Description

Thanks for buying our products along with the global users. "The Digital Wireless STB Sharing device" is a kind of electronic product, which can realize the audio video signal sharing in different rooms for family entertainment. It consists of a transmitter and a receiver. Adopting advanced 2.4GHz/5.8GHz wireless transmission schemes and having advantages of long distance transmission, strong anti-interference and high mobility. By means of radio waves, it can transmit the signal from DVD player, DVR, CCTV camera, IPTV, Satellite receiver, Digital TV Set Top Box or any other AV devices at transmitter end to TV sets in different room at receiver end. It can support the IR remote control at the receiver end to realize the function of wireless control of devices from another place. So that you can enjoy freely wireless HD AV sharing data and Hi-Fi audio and video effect.

### 1. Function & Features

- Use 2.4GHz/5.8GHz ISM frequency band, multiple selective channels supported for anti-interference from wireless.
- Support 1 group of AV signal input/output.
- Keep Transmitter and receiver setting at the same channel, it can support 1 transmitter and more receivers at the same time.
- Support DVD, DVR, IPTV, CCTV Camera, Satellite receiver, Digital STB and other AV output devices.
- Support superheterodyne 433MHz infrared remote signal transmission, while Compatible for 38KHz infrared carrier control signal.
- Transmitter have built-in infrared signal emission or infrared transmission extension cable, so that you can do remote control the signal from DVD, DVR, STB, IPTV, and other device.
- Supports video transmission of PAL/NTSC system and stereo audio transmission, Pictures received are clear, flamboyant and stable.
- Full hardware design without installing any software, plug and play, simple and convenient. Fashionable design, Machine dimensions: 10×8.5×3.0 cm.
- 2.4GHz/5.8GHz modules are FCC and CE certificated. Wireless application is safe and reliable.

## 2. Standard accessories

Transmitter.....	1 set
Receiver.....	1 set
Power Adapter.....	2 pcs
RCA Wire .....	2 pcs
IR Extender Wire .....	1 pcs
Use Manual .....	1 copy

## 3. Specifications

Power input: DC 5V=1000mA

Video input: 1Vp-p(PAL/NTSC)

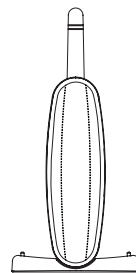
Audio input: 1.5Vp-p (dual channel)

Video output: 1Vp-p(PAL/NTSC)

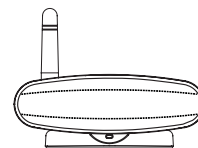
Audio output: 1.5Vp-p (dual channel)

## II. Hardware and Installation Instructions

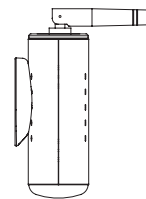
### 1. Allocation



[Vertically allocated]

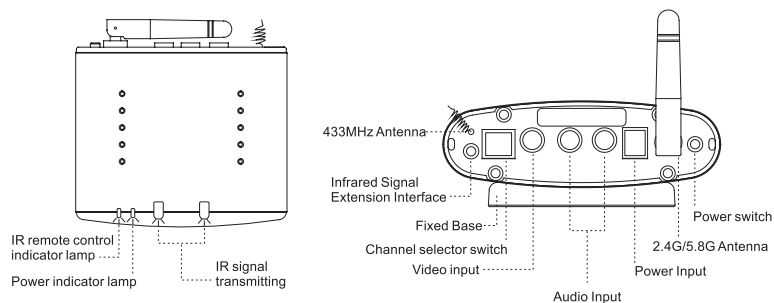


[Horizontally allocated]

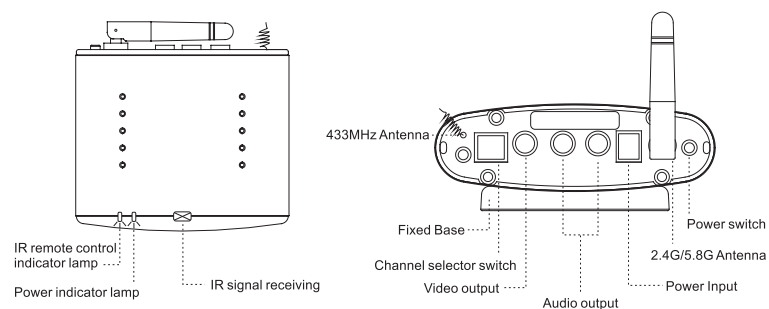


[Wall-hung]

## 2. Transmitter panel description

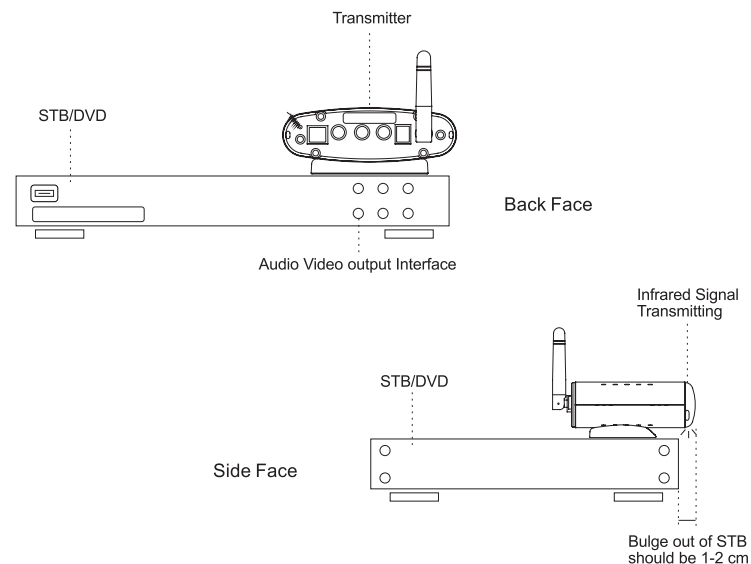


## 3. Receiver panel description



## 4. Transmitter installation

- Put the transmitter near to STB and other AV output devices, connect the AV cable with the audio video output signal of STB corresponding to colors(Red, White, Yellow).
- Put the transmitter above the STB or other device so that the IR transmitting window extrudes out by 1 to 2 cm and vertically aims at the receiving window of the IR signal of the STB or other device.

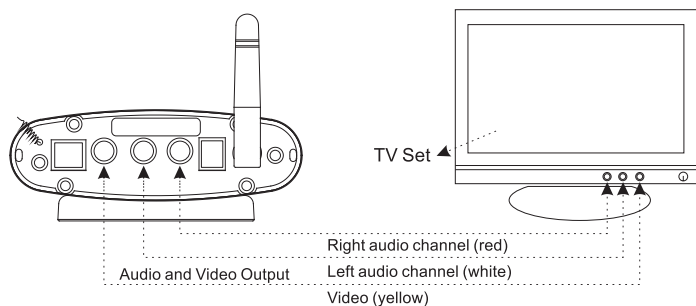


### Hints:

The receiving window of the IR signal of the STB or other device is generally marked with "IR". Please vertically aim at the IR signal transmitting window of the transmitter. And keep the transmitter away from other devices and metal devices to avoid effecting wireless signal transmitter.

## 5. Receiver installation

Put the receiver near to STB and other AV output devices, connect the AV cable with the audio video input signal of TV corresponding to colors(Red, White, Yellow), and modulate the TV channels to video channel until it shows receiving pictures.

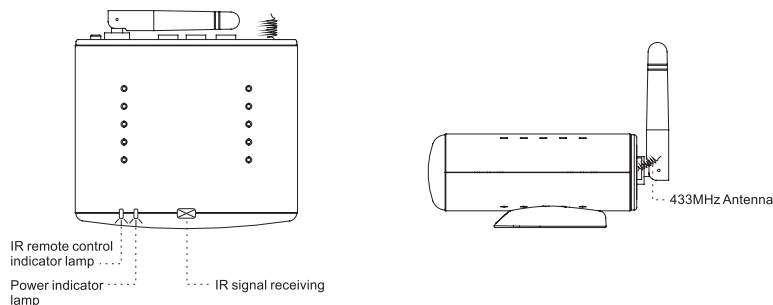


### Hints:

After receiver connects the TV sets, you should change from TV to AV channels and keep the receiver away from other devices and metal devices to avoid effecting wireless signal reception.

## 6. Allocation of 433MHz antenna

Please pay attention to the allocation of the 433MHz antenna. Make sure there is no obstacle around the 433MHz antenna, especially metal obstacles which may seriously impact wireless retransmission of IR signals.




### Hints:

When arranging the transmitter and receiver, make sure there is no obstacle around the 2.4G/5.8G antenna and the 433MHz antenna. Otherwise transmission of the signal will be affected.

## III. Operation

### 1. Power switch

Pressing the power switch  can switch on or off the power to the transmitter or receiver and enable it to transmit or not transmit the signal.

### Hints:

To ensure that the product can be used normally, the product should be connected when power off. In case the product be damaged. Switch on when finish connection and never plug in or out at will. Please turn off the product if long time not use it.

### 2. 2.4GHz/5.8GHz channel selection

Press the Channel switches can be free to choose 2.4GHz/5.8GHz transmission channel. AV signal can be transmitted normally only when the transmitter and the receiver are on the same channel.

#### ■ 2.4GHz /5.8GHz transmission channel(turn the switch down):



### Hints:

Please select the 2.4GHz/5.8GHz transmission channel with the best image and sound effect according to the actual operation environment. If there is interference from the router signal in the environment, please select another 2.4GHz/5.8GHz transmission channel to avoid the interference source.

### 3. 433MHz Wireless IR Remote Extender

2.4G/5.8G Digital STB wireless sharing device needs no remote controller. If the STB or other device is equipped with a remote controller, you can use it to remotely control the receiver end to realize the function of wireless remote control from another place.

#### Transmitting RF:

1. Transmission frequency:  $433.92\text{MHz} \pm 200\text{KHz}$  Superheterodyne
2. Carrier frequency: 38KHz
3. IR signal Receiving:  $\leq 10\text{m}$

#### Receiving RF:

1. Transmission frequency:  $433.92\text{MHz} \pm 500\text{KHz}$  Superheterodyne
2. Carrier frequency: 38KHz
3. IR signal Transmitting:  $\leq 5\text{m}$

#### Hints:

If the Wireless IR Remote Extender is not sensitive, you can adjust the relative locations of the transmitter and the receiver. Keep them away from the AV connection wires or other metal objects to ensure barrier-free signal transmission.

## IV. Common problems and troubleshooting

### 1. If the indicator lamps do not light up and there is no image.

- A. Please check the power connection of the transmitter and receiver, open the power switch.
- B. Please try to change the 2.4GHz/5.8GHz transmission channel for the transmitter and the receiver.
- C. Please check if the transmitter and the receiver are connected correctly (Refer to installation instruction).

### 2. IR remote controller fails to work.

- A. Adjust the location of the transmitter and the receiver.
- B. Plug out the transmitter and the receiver and restart 1~2 minutes later.
- C. Please check whether the transmitter bulge 1-2 cm out of the STB or not.

### 3. The image is interfered.

- A. Please adjust the angle of the antenna for 2.4GHz/5.8GHz transmitter and the receiver.
- B. Please try to change the 2.4GHz/5.8GHz transmission channel for the transmitter and the receiver.
- C. If allowed, please put the transmitter and the receiver in a higher place to strengthen the wireless transmission.

## V. Warranty Service

### Warning

Switch on only after finishing the connection and never plug in or out at will. The product is for home use instead of professional industrial use. Please don't take apart without proper professional knowledge.

**1. Warranty is only available to customers who buy this product through legal approach.**

**2. After-sales promise :**

Every customer designated dealers to buy products in our company, if there is product quality problems under the normal use within 3 months from the day you buy the machine, user can bring the valid credentials or sales invoice to the original dealer where you bought it to replace the same model of the products. If there are product quality problems within 12 months, you can request free warranty (not including common accessories).

**3. Additional fee will be charged in any of the following situations:**

- A. The warranty period is expired.
- B. Failure or damage caused by connecting other device.
- C. Failure or damage caused by repairing or transforming by yourself.
- D. Failure or damage caused by not following the operation instructions of the product.
- E. Failure or damage caused by collision, falling or other non-quality problems.
- F. Damage caused by fire, lightning strike or other unexpected disasters.

For repairing products which are damaged by the above situations, users should bear the fee of replacement of the damaged components as well as the shipping fee.

**Solemn Statement:**

The manufacturer assumes no liability for irreversible damage or damages to other devices caused by these situations.

## VI、After-sale service card

**Dear user:**

Thank you for buying this device. In order to ensure that you can fully enjoy our perfect after-sale service of our company, please carefully read the comments of this product service card.

**Comments:**

- 1. Please reserve this card carefully. If you lose it, you can not get another copy.
- 2. Please show this card together with your purchase receipt when applying for warranty service.
- 3. This card is invalid without the seal of the distributor.

## High quality, excellent service

User profiles	User name:
	Contact number:
	Contact Add:
	Product name:
	Product model:
Distributor	Purchase date:
	Distributor name:
	Add:
Vice card	Signature of the handler: Seal of the distributor
	User name:
	Contact number:
	Product name:
	Product model:
	Purchase date: