

2.4 GHz WIRELESS AUDIO/VIDEO TRANSMITTER/RECEIVER

ART. 48061-48062



Please read this manual thoroughly before use
and keep it for future reference.

CE1856

■ Important-Safety Precautions

This device of which operation is subject to the following two conditions

- (1) This device may not cause harmful interference.
 - (2) This device must accept any interference received, including interference that may cause undesired operation.
- To prevent fire or shock hazard, do not expose this device to rain or moisture. Does not use near a bathtub, washbowl, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool.
 - To avoid electrical shock, do not open this device.
 - This device should be operated to use only the power supply included with it or provided as an accessory.
 - Do not overload wall outlets and extension cords as this can result in the risk of fire or electrical shock.
 - Do not attempt to service this device yourself. Refer servicing to qualified personnel only.

Caution: Changes or modifications not expressly approved by the Party responsible for compliance could void the user's authority to operate the equipment.

■ Note:

This equipment has been tested and found to comply with Part 15 of the FCC Rules, or R&TTE directive. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy, if not installed and used in accordance with the instruction, it may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

A. Checking Contents of Box

Checks and make sure that all of the items shown as below are included with your 2.4 GHz Wireless A/V Sender System. If something is missing, please contact your dealer as soon as possible.



1. **Transmitter** × 1



2. **Receiver** × 1

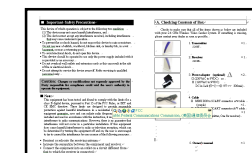


3. **Power adapter** × 2
(230VAC to 5VDC)

DC in Jack (⊖ ⊕ 5V --- 300mA)



4. **3.5mm Stereo Plug to RCA Cable** × 2



5. **Owner's manual** × 1

B. Introduction to 2.4GHz Wireless A/V Link

This sender system is a wireless audio/video sender that uses advanced wireless communication technology to deliver consistently sharp audio and video up to 100 meters away. By transmitting at a very high frequency (2.4 GHz), it avoids the crowded 900 MHz band used by many cordless telephones and other wireless audio/video transmitters. It's superior quality is due to wide-band FM rather than AM signal modulation.

It also integrates an UHF remote control extender to allow you to control the audio or video source from another room using your existing remote controller.

Using sender system, you can enjoy greater convenience and security in many ways:

General Application

- Watch the movie you rent on any TV in house without moving your VCR, laser disc player or running messy cables.
- Watch cable or satellite programs on any TV in house.
- Listen to stereo-quality music from your receiver on any powered speakers inside or outside the house.
- Uses multi-receivers for broadcasting to numerous TV sets in other rooms.
- Show computer images on a remote TV. (Additional equipment required)

Safety & Security Application:

- Applies as a wireless security system.
- Monitor your sleeping baby, playing children, the elderly, or the disabled on TV using your existing camcorder.
- See who is outside the door on TV through your camera or miniature CCD camera.
- Monitors and records meeting from another room.
- And many more uses!

■ The Using Attention

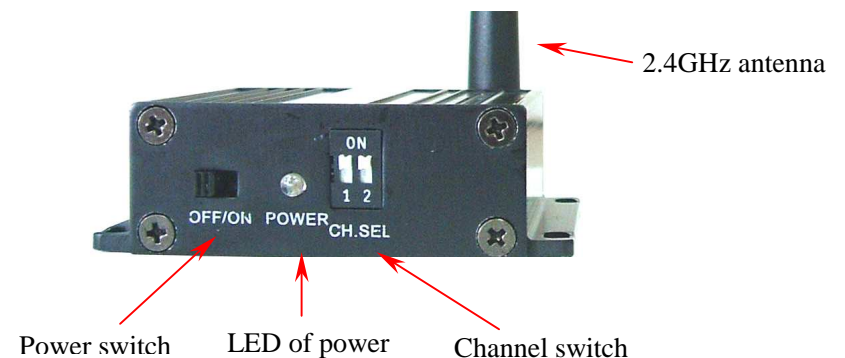
The outlet of the power supply must have the same voltage as the local area.

1. Be sure the transmitter and the receiver were connected to the equipment correctly (e.g. Connect the transmitter to the VCR, and the receiver to the TV).
2. When DC plug is pull out from transmitter or receiver, it needs to wait for a few seconds in order to insert it again.
3. When two equipment or more is used at the same time, used different channels. But a transmitter can be used with several receivers at the same time.
4. When the equipment is operating, please do not use a microwave oven near by.
5. The remote controller should face to the receiver IR remote control window, and the transmitter IR extender should face to the source A/V equipment. The IR remote has to be within the standard distance.

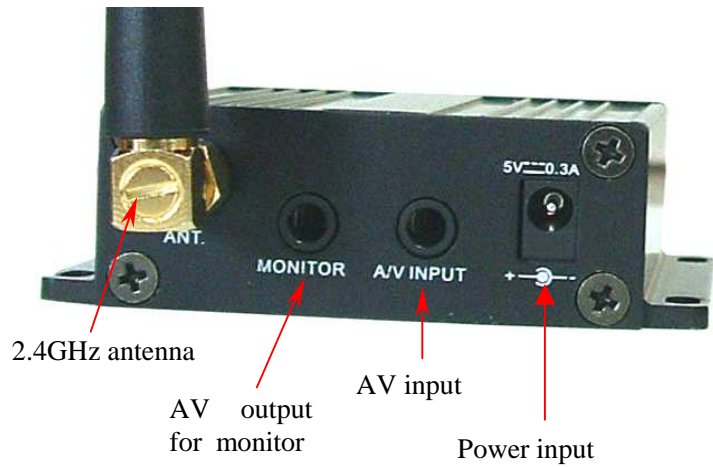
C. Product Layout

The following illustrations show the names of each component, button and switch connectors on the transmitter and receiver.

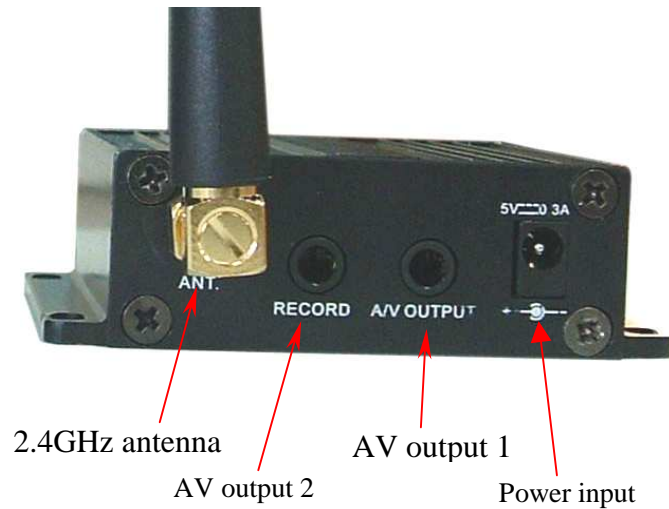
FRONT VIEW of TRANSMITTER and RECEIVER



REAR VIEW FOR TRANSMITTER



REAR VIEW FOR RECEIVER



D. Setting Up

Setting up the channel of the transmitter and the receiver by push the channel switch , When channel no. of the receiver same as the transmitter ,

Channel list

CH1	CH2	CH3	CH4
<p>ON</p> <p>1 2</p>	<p>ON</p> <p>1 2</p>	<p>ON</p> <p>1 2</p>	<p>ON</p> <p>1 2</p>

■ To Transmit A/V from Your VCR

1. Connect VCR and transmitter using the provided “3.5 Stereo plug to RCA cable”. Plug RCA to VCR output jack and 3.5 Stereo plug to “AV INPUT ” jack of the transmitter.
2. Plug one end of the power adapter into the back of the transmitter and the other end into any 230-volt wall outlet. Use only the adapter provided.
3. Connect the 2.4GHz antenna to the “ANT.” socket of the transmitter.
4. Turn on the power switch of the transmitter
5. If you have a near TV or monitor, you can use the other 3.5 Stereo plug to RCA cable (don't include in this set) to connect monitor port of transmitter.

If your VCR only has SCART socket for video output, you can use a SCART/RCA adapter (not included) to convert the RCA plug to SCART plug.

■ To Receive Wireless A/V Signals with TV or DVR

1. Connect TV and receiver using the provided “3.5 Stereo plug to RCA cable”. Plug RCA to TV input and 3.5 Stereo plug to “AV OUTPUT ” jack of the receiver.
2. Plug one end of the power adapter into the back of the receiver and the other end into any 230-volt wall outlet. Use only the adapter provided.
3. Connect the 2.4GHz antenna to the “ANT.” socket of the receiver.
4. Turn on the power switch of the receiver.
5. If you want record all of the audio and video signal with your DVR or VCR, you can use the other 3.5 stereo plug to RCA cable to connect the “RECORD” port of receiver.

If your TV or VCR only has SCART socket for video input, you can use a SCART/RCA adapter (not included) to convert the RCA plug to SCART plug.

E. Troubleshooting, Care and maintenance

Please read this owner's manual carefully and follow the steps described in it. If you still have difficulties, consult the following table. It will guide you though the most common problems and their solutions.

Problem	Possible solutions
No picture or sound	<ul style="list-style-type: none"> • Check all cable connections. • Make sure power plugs are pushed all the way in. • Check power switches on the remote TV and Video source. (VCR, laser disc player, satellite receiver, ect.) • Check the power on/off switches on the transmitter and receiver.

Interference: Noisy picture	<ul style="list-style-type: none"> • Adjust receiver and transmitter bar antenna orientation. • Select a different channel by pushing the channel selector button on both transmitter bar and receiver so that the channels match. • If using a microwave oven, turn it off. • Remove microwave oven from path between transmitter bar and receiver.
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F. Specifications

Transmitter:

Operating Frequency Band	2.400GHz~2.4835GHz
Transmit power output	10dBm (CE),
Modulation	FM
Video Input Level	1V p-p @ 75 ohm
Audio Input Level	1V p-p @ 600 ohm
Antenna	Omni-directional
Power consumption	5V DC, 300mA
Dimension	56 x 63 x 19 mm (H antenna = 74 mm)

Receiver:

Operating Frequency Band	2.400GHz~2.4835GHz
Sensitivity	-80dBm MIN.
Video Output Level	1 ± 0.2V p-p @ 75 ohm
Audio Output Level	1 ± 0.2V p-p @ 600 ohm
Antenna	Omni-directional
Power consumption	5V DC, 300mA
Dimension	56 x 63 x 19 mm (H antenna = 74 mm)

System:

Operational range	up to 100 meter (line of sight)
Operating temperature	10°C~50°C (14 F~122 F)

- All specification subject to change without notice