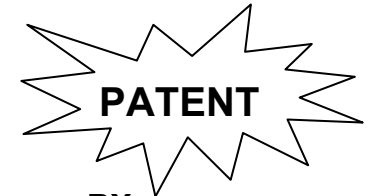

2.4GHz WIRELESS Plug-In AV SENDER OWNER'S MANUAL

(PLEASE READ BEFORE USE)



TX

RX



JESMAY ELECTRONICS CO., LTD
ROOM 1004, STANHOPE HOUSE
738 KING'S ROAD,
QUARRY BAY, Hong Kong
TEL: (852) 2563 4292, 2562 6212
FAX: (852) 2565 7026, 2516 9417
E-mail: info@jesmay.com.hk
Web Site: <http://www.jesmay.com.hk>

FC CE 0336①

■ Important-Safety Precautions

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

- (1) This device may not cause harmful interference, and
 - (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.
Do 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 to make sure that all of the items shown as below are included with your 2.4 GHz Wireless Plug-In AV SENDER System. If something is missing, please contact your dealer as soon as possible.



1. **Transmitter** ×1
2299T



2. **Receiver** ×1
2299R



3. **Power adapter (optional)** ⚠ ×2
□ (230VAC to 7.5VDC) or
□ (120VAC to 7.5VDC)
DC in Jack (⊖ ⊕ 7.5V ⎓ 300mA)



4. **IR extender mouse (emitter sensor)** ×1
connect to transmitter's IR extender port.
(IR-T)



5. **IR extender mouse (receiver sensor)** ×1
connect to receiver's IR extender port.
(IR-R)



6. Double jacks to one plug T type scart adapter
Jesmay 8218T (optional)



7. Wall mounting
Jesmay 0703 (optional)
SCART to SCART cable
Jesmay 9982J (optional)

8. Owner's manual ×1

B. Introduction to 2.4GHz Wireless Plug In AV SENDER

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!

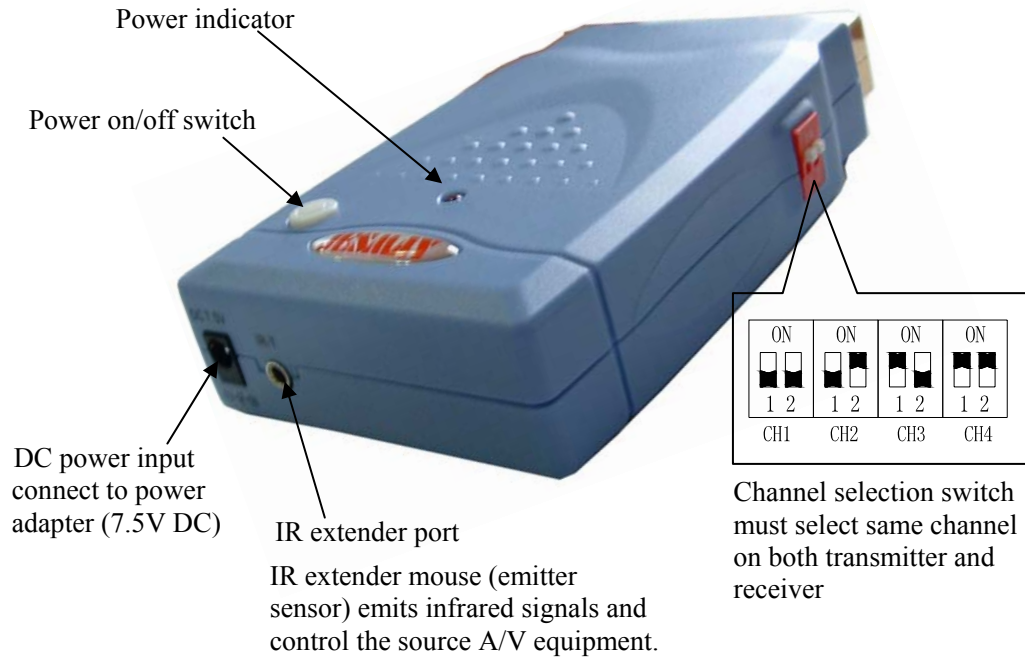
■ The Using Attention

1. The outlet of the power supply must have the same voltage as the local area.
2. 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).
3. When turning off from transmitter or receiver, it needs to wait for a few seconds in order to restart again.
4. In most situations, one set of equipment has a better feature within 100 meter. When two sets or more is used at the same time, you have to use different channels. But a transmitter can be used with several receivers at the same time.
5. The channel selectors allow you to change the channel for best feature and least interference.
6. When the equipment is operating, please do not use a microwave oven near by.
7. The remote control should face to IR extender mouse on receiver, and the IR extender mouse on transmitter should be set and face to the IR receiver window on the source A/V equipment. The IR remote have to within the receivable distance.

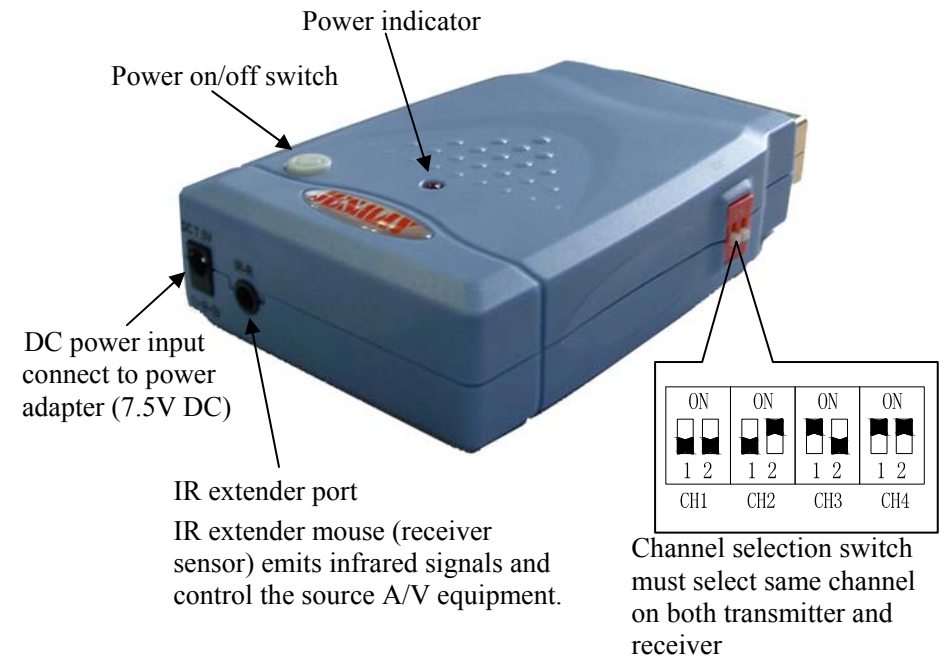
C. Panel Controls and Features

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

FRONT VIEW FOR TRANSMITTER



Front VIEW FOR RECEIVER



REAR VIEW FOR TRANSMITTER



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REAR VIEW FOR TRANSMITTER

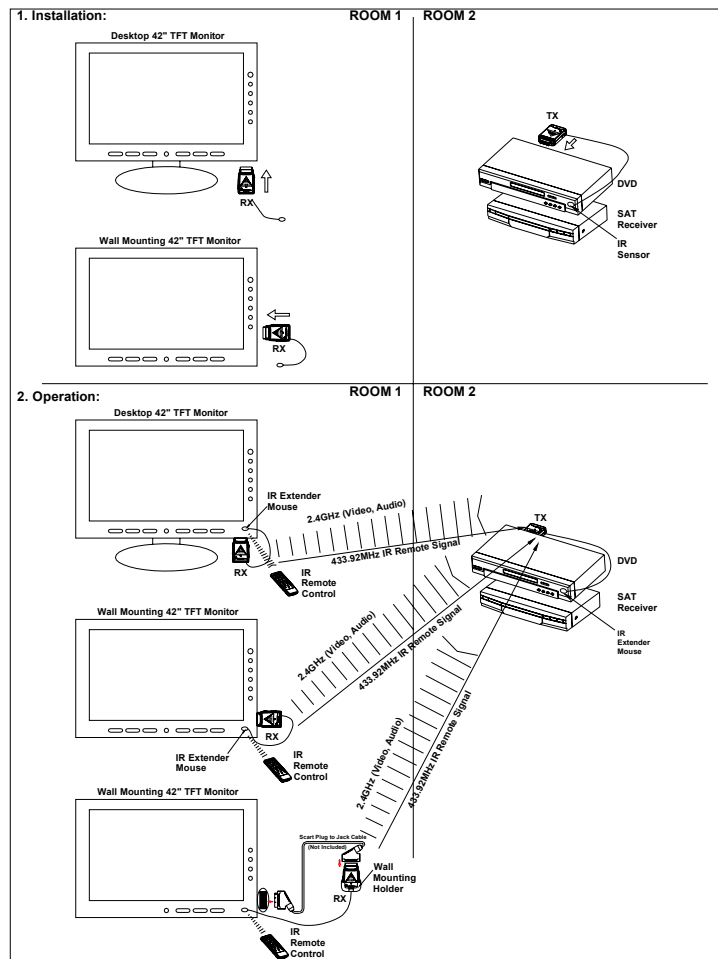


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D. Setting Up 2.4GHz wireless Plug-In AV SENDER

To enjoy wireless video and audio, just plug the transmitter into whatever A/V source you want to enjoy from another location, and plug the receiver in the TV, monitor or powered speakers in that other location.

Application:



Video Sources:

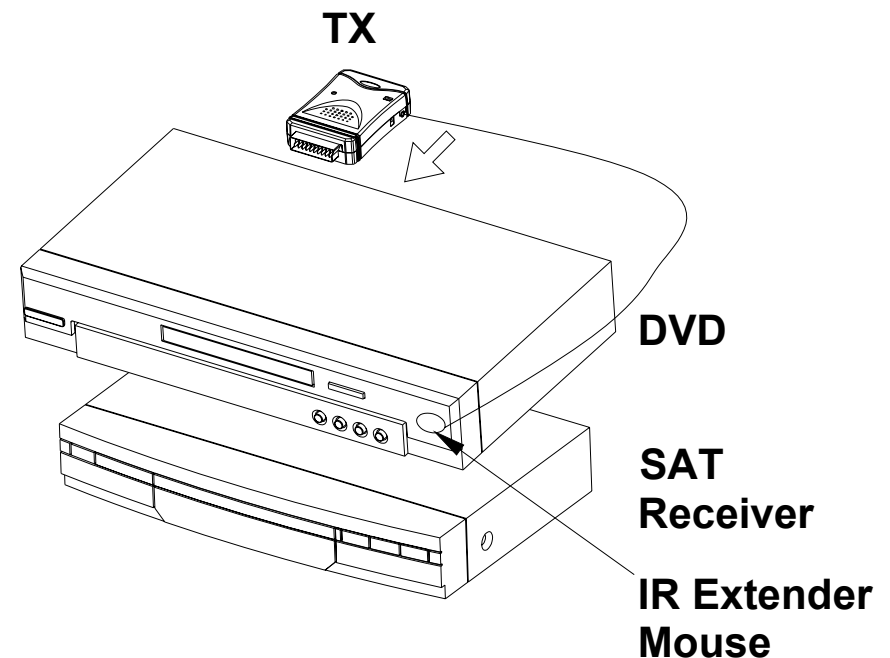
DVD
VCR
SAT Receiver
Laser Disc Player
Camcorder

Audio Sources:
Compact Disk Player
Stereo Receiver
Cassette Deck

Make sure the ON/OFF switch is in the 「OFF」 position before connection.

■ How To Transmit Audio/Video signal from Your VCR or DVD or SAT etc.

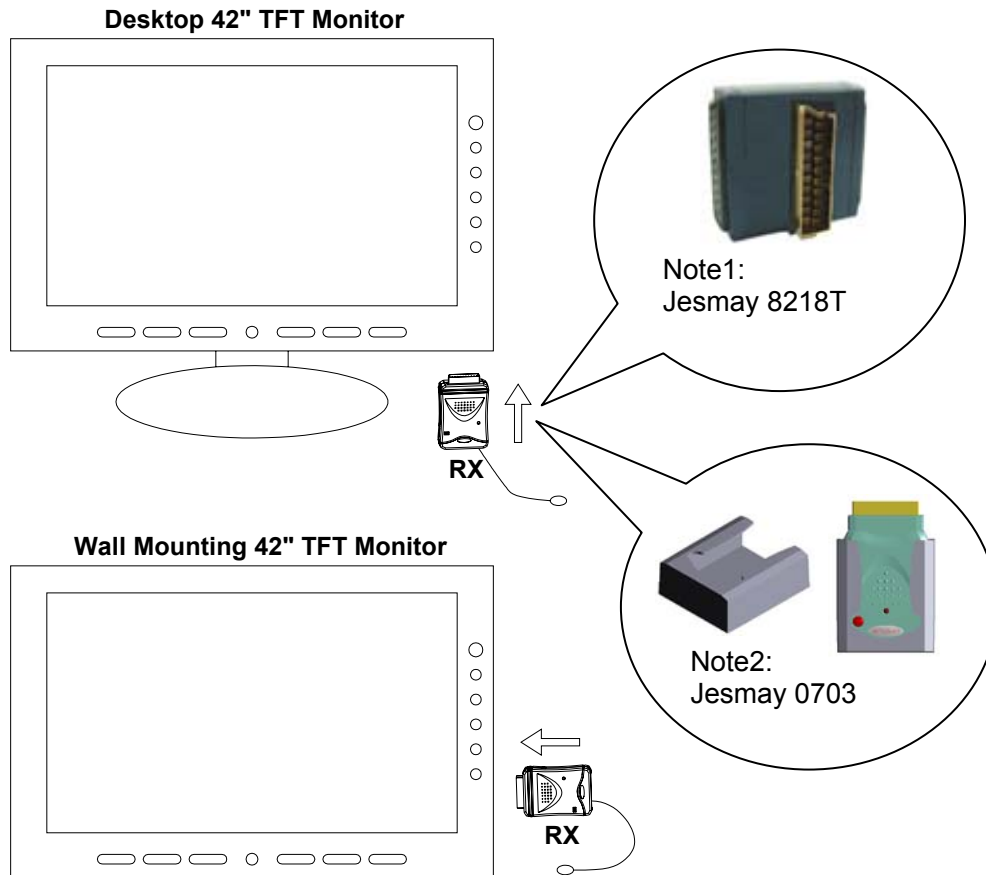
1. Just plug into the RCA or SCART output port of VCR or DVD or SAT. If you use transmitter with RCA plugs the yellow, red and white plugs have to match the yellow, red and white ports of VCR or DVD or SAT.
2. Plug one end of the power adapter into the back of the transmitter and the other end into any 230-volt wall outlet (or 120-volt).



■ How To Receive Wireless Audio/Video Signals on Your TV or monitor

1. Just plug into the RCA or SCART output port of TV or Monitor. If you use receiver with RCA plugs the yellow, red and white plugs have to match the yellow, red and white port of TV or Monitor
2. Plug one end of the power adapter into the back of the transmitter and the other end into any 230-volt wall outlet (or 120-volt).

Note: use only the adapter provided.



Note1: You can use T type scart adapter jesmay Model No.8218T (optional) for various installations. This is designed with 2 scart jacks and 1 scart plug and input/output switch.

Note2: You can use Wall mounting jesmay Model No.0703 (optional) and a connect cable for connecting AV sender and monitor or DVD etc.

■ How to Use the IR Extender mouse

The IR extender connects to the transmitter through its own special connector plug. The extender emits an IR signal can control your A/V equipment with the remote signal. To use the IR extender, follow the instructions below:

1. Plug the IR extender mouse into the 2.5mm phone jack of the side of transmitter.
Note: the jack to the IR extender mouse is marked as "IR-T".
2. Locate the IR sensor on the IR receiver window of source A/V equipment you wish to control.

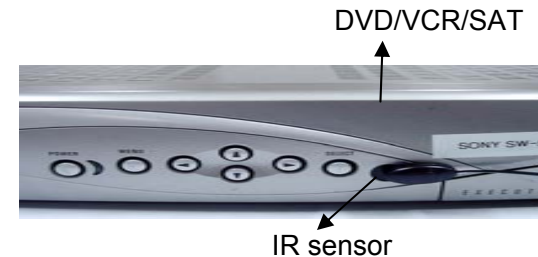


Fig-5

3. You have 3 more IR receiver of you disposal to control 3 additional A/V equipments.
4. Locate the IR sensor on the side of TV or Monitor where you can remote control and point remote control at IR sensor.

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 through the most common problems and their solutions.

Problem	Possible solutions
No picture or sound	<ul style="list-style-type: none"> • Check if plug the transmitter and receiver tightly into A/V sources and display equipment. • 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 or audio	<ul style="list-style-type: none"> • Select a different channel by pushing the channel selector button on both transmitter and receiver so that the channels match. • If using a microwave oven, turn it off. • Remove microwave oven from path between transmitter and receiver.
Remote control extender does not work	<ul style="list-style-type: none"> • Check the path between the transmitter and the Audio/video source and clear any obstructions. • Check to see if the IR sensor of the transmitter or receiver is blocked. • Make sure IR extender mouse is properly located on IR receiver window of the A/V equipment you wish to control.

Note: Clean the outside plastic packaging with a soft cloth lightly moistened with mild soap and water. Never use any abrasive scouring powder or solvent.

F. Specifications

Transmitter:

Operating Frequency Band	2.400GHz~2.4835GHz
Maximum Output Level	0dBm (FCC) 、 10dBm (CE)
Modulation	FM (video and audio)
Channel	PLL frequency synthesizer
Video Input Level	1V p-p @ 75 ohm
Audio Input Level	1V p-p @ 600 ohm (STEREO)
Input Port	SCART socket or RCA ports
Antenna	Hidden omni-directional
IR-remote IR output	940nm with ON/OFF keying
Power consumption	7.5VDC, 150mA
Dimension	100mm×60mm×22mm
Weight	100 g

Receiver:

Operating Frequency Band	2.400GHz~2.4835GHz
Sensitivity	-80dBm minimum
Channel	PLL frequency synthesizer
Video Output Level	1V p-p @ 75 ohm
Audio Output Level	1V p-p @ 600 ohm (STEREO)
Output Port	SCART socket or RCA ports
Antenna	Hidden omni-directional
IR-remote Relay	
Transmit Frequency	433.92 MHz
IR remote modulation	ASK
Infrared freq. Input	35 KHz~41 KHz
Power consumption	7.5 VDC, 230mA
Dimension	100mm×60mm×22mm
Weight	110 g

System:

Operational range	up to 80 meter (line of sight)
Remote control range	up to 50 meter (line of sight)

◆ All specification subject to change without notice.