

900MHz Wireless,

Audio/Video Sender

With Built-in Remote Control Extender

MODEL: **I900SR**

OWNERS MANUAL



Made in China

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ABOUT THE I900SR

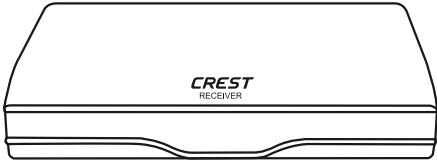
The **I900SR** is a powerful wireless A/V/S-Video signal sender and receiver system which can be operated with satellite and cable receivers, camcorders, stereo systems, televisions, laser disc players and VCRs, and provide superior reception at distances up to 60 Metres (clear line of sight) from the transmitter.

This system can be used in many different ways:

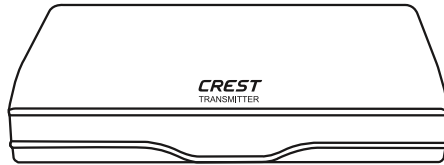
- Enables you to watch a movie on any television within your home without moving your VCR or Laser Disc Player, and without the hassle of running wires.
- Enables you to watch your favourite cable or satellite programs on any television in your home.
- Extends the listening enjoyment of your stereo receiver to any powered speakers in your home, even if they are not wired into your stereo system.
- Enables you to use your camcorder with a remote television as a closed circuit monitoring system; ideal for baby's room, or for security.

LOCATION OF CONTROLS

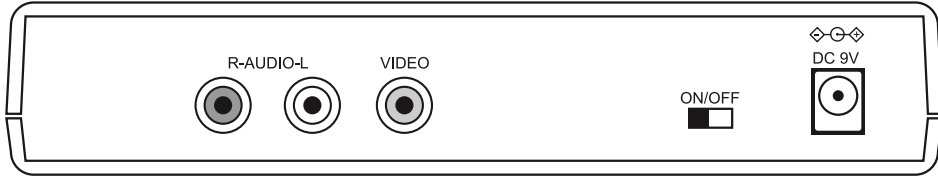
The **I900SR** has been carefully engineered and manufactured to give you dependable operation. Read this manual before operating this unit to become familiar with its features and obtain the performance that will bring you enjoyment for many years. Please retain this manual for future reference.



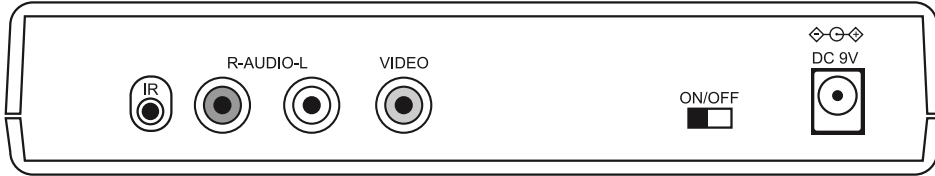
Receiver front



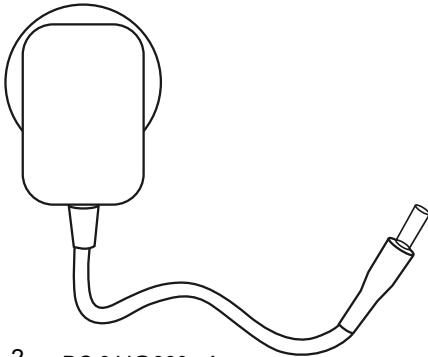
Transmitter front



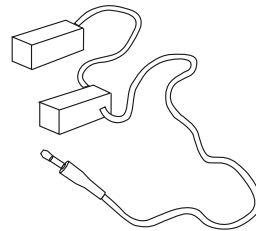
Receiver back



Transmitter back



2 DC 9 V@300mA



Infrared
Extender

- **Transmitter and Receiver**

1. ON / OFF Switch

- **Receiver**

2. Video
3. Audio R
4. Audio L
5. DC Adaptor

- **Transmitter**

6. Infrared Remote Output
7. Video
8. Audio R
9. Audio L
10. DC Adaptor

- **Accessory**

1. DC 9V 300mA, AC 120V or 230V Adaptor x 1
(For Transmitter)
2. DC 9V 300mA, AC 120V or 230V Adaptor x 1
(For Receiver)
3. Infrared Extender Mouse x 1
4. RCA to RCA Cable x2

USER GUIDE

1. Make sure your input AC voltage conforms to the adaptor specifications.
(Tolerance never more than 5%, such as 230 VAC +/- 10 VAC)
(With 230 VAC adaptor the input voltage can not be less than 220 VAC)
2. Only use the power adapter provided with the **I900SR**.
3. With direct line-of-sight, the maximum range of A/V signal transmission can reach up to about 60 metres, and this distance would be shortened by obstacles or walls placed between transmitter and receiver. (The optimum indoor range is under 25 metres -penetration may vary depending on composition of walls, doors and floors)
4. To ensure good infrared remote control operation aim your remote control at the I/R Sensor Window on the **I900SR** and press the buttons firmly. (With some remote controls it may be necessary to press and hold each button for about a second). The working angle of the I/R Sensor Window is +/- 15 degrees. **(see Pictures 7,8,)**
5. The remote controller has to be used within the distance of (from remote control to receiver)not less than 0.3M and no more than 5M (working angle +/- 15 degrees). **(see Pictures 9)**
6. Be sure the ON / OFF switch on both the transmitter and receiver is in the OFF position before making any connections.

INSTALLATION

Please follow the instruction carefully

TRANSMITTER

Connect main signal source

a. By Composite Video(RCA)

1. Take a RCA to RCA cable (included),take one end connected to the AV In socket of **transmitter**, matching up the colours from unit to cable...e.g. Red to Red, White to White etc...(see **Pictures 1-1**)
2. Connect the other end to the Audio / Video Out port of VCR, DVD, VCD, Satellite receiver or CATV STB matching up the colours from unit to cable...e.g. Red to Red, White to White etc...(see **Pictures 1-1**)

RECEIVER

a. by Composite Video (RCA)

1. Take a suitable RCA to RCA (included) cable and connect one end to A/V socket of **Receiver**, matching up the colours from unit to cable...e.g. Red to Red, White to White etc...(see **Pictures 3**)
2. 2. Connect the other end to the Audio / Video In port of TV, matching up the colours from unit to cable...e.g. Red to Red, White to White etc (**see Pictures 3**)

TROUBLE SHOOTING

No picture or sound

- a) Check the power on/off switches on the Transmitter, Receiver and TV
- b) Make sure the power plug and signal cables are pushed all the way in.
- c) Make sure that all cables are connected as per the user guide
- d) Check if there is any discontinuity inside the cable.

Interference & noise

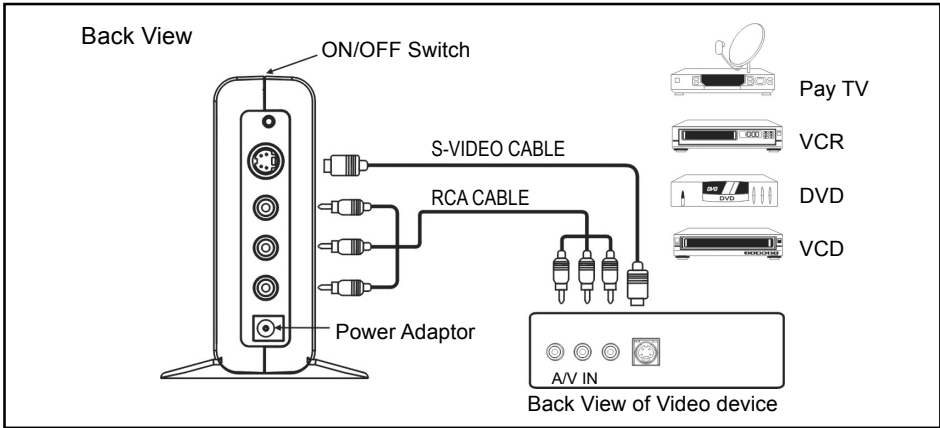
- a) Adjust receiver unit direction for optimal performance. (**see Pictures 5, 6**)
- b) Adjust transmitter unit direction for optimal performance. (**see Pictures 5, 6**)
- c) Check if the supplied voltage matches the adapter specification
(With 230 VAC adapter the input voltage can not be less than 220 VAC)
(The power output has to be 9 VDC, 300mA centre positive)
- d) If using a microwave oven, turn it off.
- h) Remove microwave oven or clear unnecessary obstructions from the path between transmitter and receiver.

Remote control extender does not work

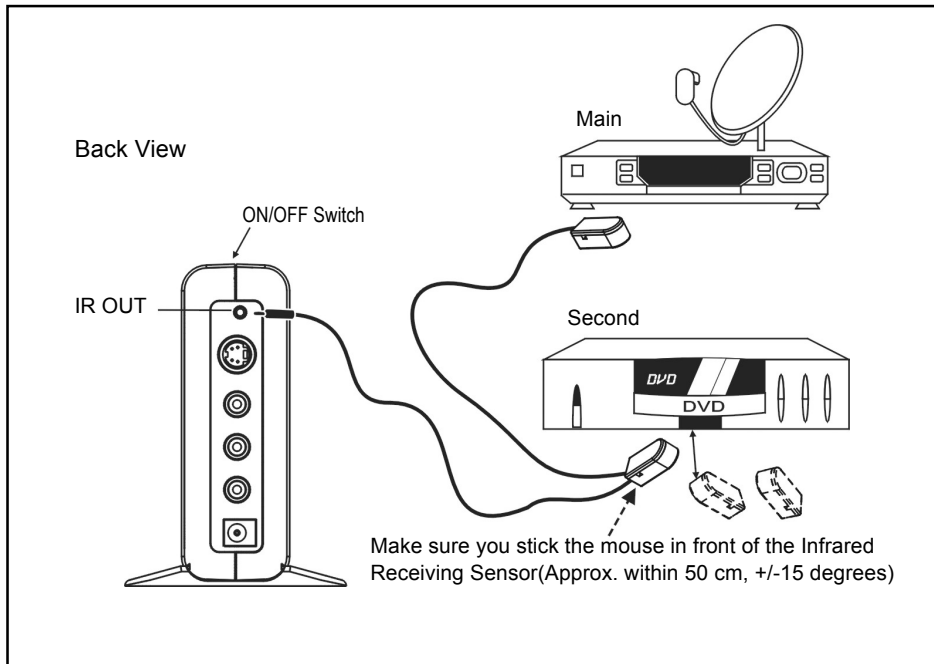
- 1) To ensure good infrared remote control operation aim your remote control at the I/R Sensor Window on the I900SR and press the buttons firmly. (With some remote controls it may be necessary to press and hold each button for about a second). The working angle of the I/R Sensor Window is +/- 15 degrees. (see Pictures 7,8,9)
- 2) Check the path between the transmitter & receiver and clear unnecessary obstructions.
- 4) Make sure the IR extender mouse is pointing toward the sensor precisely, or just above the remote sensor window of the unit you are trying to control.
- 5) Check if the batteries on remote control are full of energy. Replace with new batteries if necessary .
- 6) The optimum indoor operating range is about within 15 M.

Transmitter

Pictures 1-1

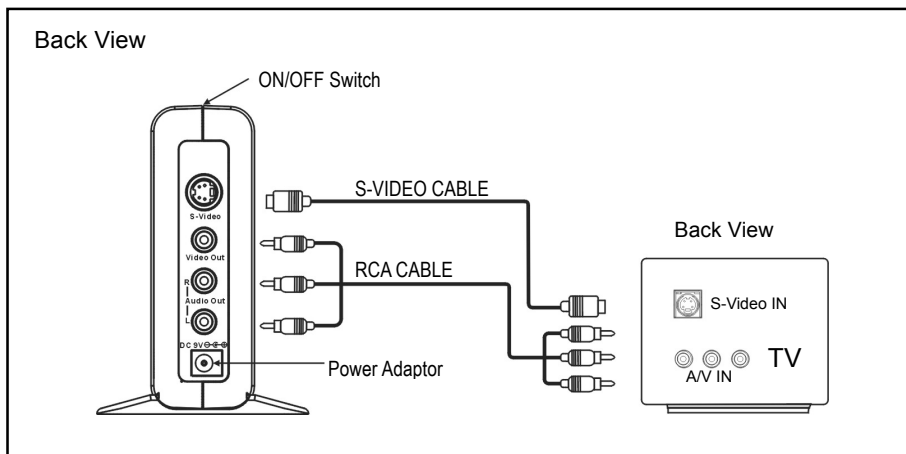


Pictures 2

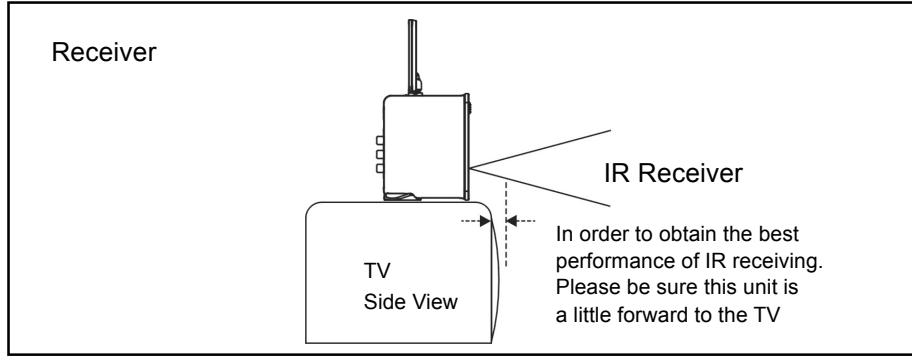


Receiver

Pictures 3

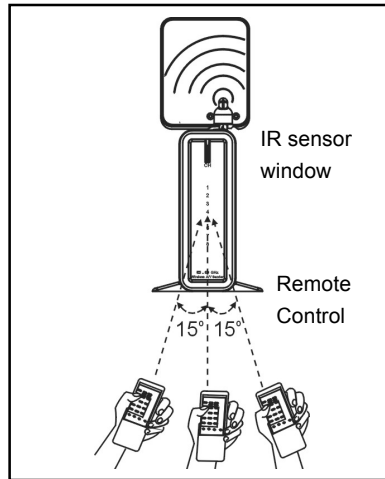


Pictures 7

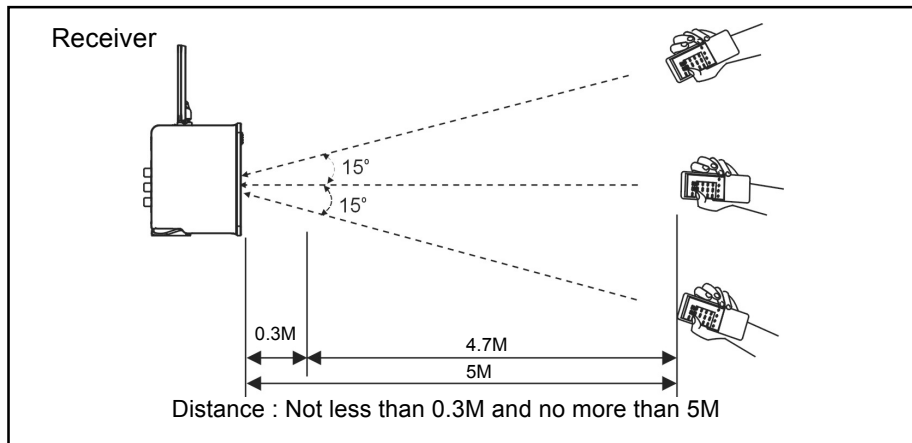


OPERATING REMOTE CONTROL Receiver

Pictures 8



Pictures 9



CAUTION

This equipment has been tested and found to comply with CE and FCC regulation. These regulations are designed to provide reasonable protection against interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with this manual, may cause interference to radio communications. However, there is no guarantee that interference will not occur in a particular situation. If this equipment does cause 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 distance between the interfering equipment and the receiver
- Connect the interfering 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.

The changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

To comply with the FCC RF exposure compliance requirements, this device must not be co-located or operating to conjunction with any other antenna or transmitter.

IMPORTANT SAFETY PRECAUTIONS

- To prevent fire or shock hazard, do not submerge or expose these products to water
- To avoid electric shock, do not open these units. The **I900SR** contains no user serviceable parts. Doing so will void the warranty
- Use only the power adaptors provided with the **I900SR**
- Do not overload wall outlets or extension cords.
- If you are experiencing difficulty with this products, do not attempt to service it yourself. Please call your reseller for assistance.

SPECIFICATION

TRANSMITTER

Output level	3mW
Operating frequency	921.5MHz
Modulation	FM/FM
Video input level	1Vp-p
Audio input level	3Vp-p
Video input impedance	75 ohm
Audio input impedance	10 K ohm
Power Consumption	9V/100mA
Unit dimensions	14.8 * 9.9 * 3.1 cm
Unit weight	170g
Effective operating range	Approx up to 100m (open area)

RECEIVER

Input level	-85 ~ -10 dBm
Power Consumption	9V/230mA
Unit dimensions	14.8 * 9.9 * 3.1 cm
Unit weight	170g

IR TRANSMITTER

Output level	10 mW
Operating Frequency	433.92MHz
Modulation Type	ASK
Effective operating range	Approx up to 100m (open area)

IR RECEIVER

Operating Frequency	433.92MHz
Sensitivity	-95dBm