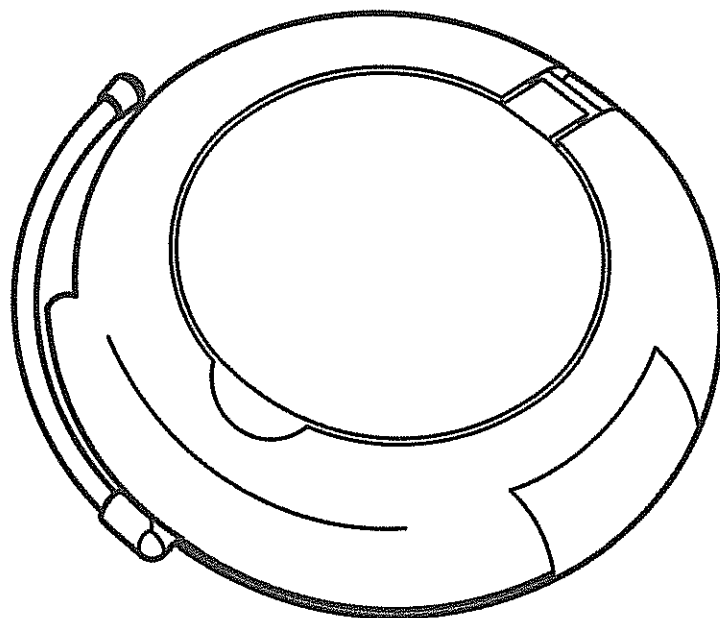




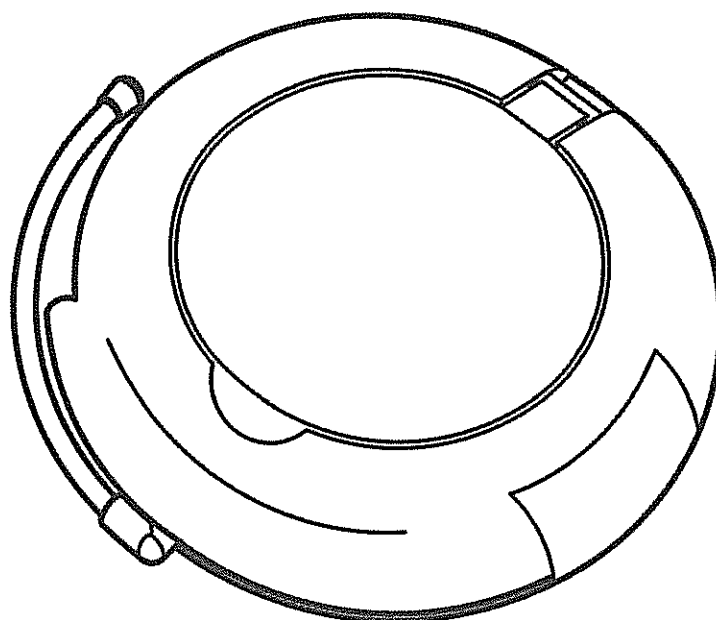
900 MHz WIRELESS AUDIO/VIDEO SENDER and RECEIVER

with IR Extender Feature

OWNER'S MANUAL



SENDER - MODEL VT50



RECEIVER - MODEL VR50

INTRODUCTION

Your Wireless Audio/Video Sender system consists of a Sender unit which you connect to your satellite receiver, DVD player, etc, and a Receiver unit that you connect to a TV anywhere in your home. The Audio/Video Sender converts the A/V signal from your A/V product into a 900 MHz wireless Radio Frequency (RF) signal and transmits it (even through walls) to the Audio/Video Receiver. The Audio/Video Receiver converts the signal back to an A/V signal and passes it through audio/video cables to your TV's A/V input jacks.

The Audio/Video Sender system also includes an IR Extender feature. This lets you remotely control the A/V product that the Sender is connected to, from the location where the Receiver is located. For example, you can control a DVD Player in your living room, while watching it on a TV in your bedroom.

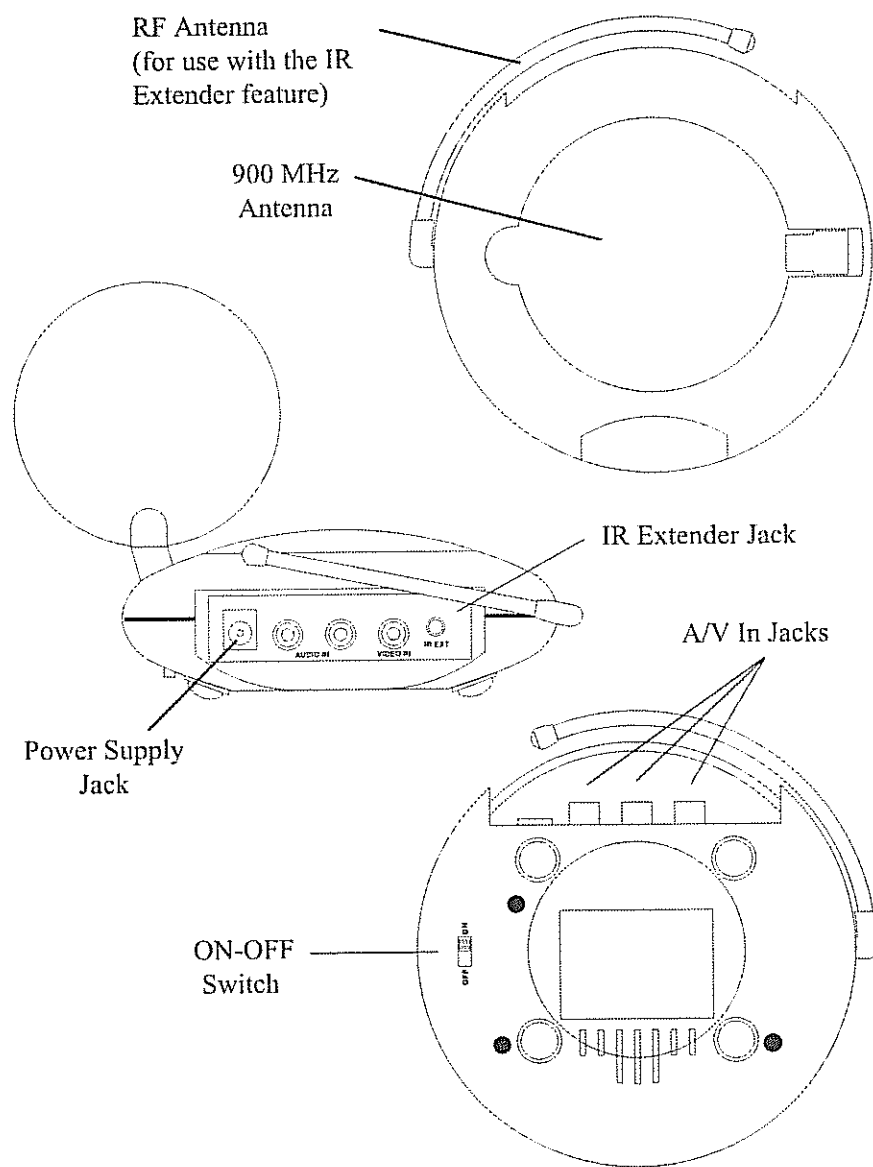
There are just a few simple steps to follow to hook up your Audio/Video Sender system to a satellite receiver, VCR, DVD Player, or Cable Box.

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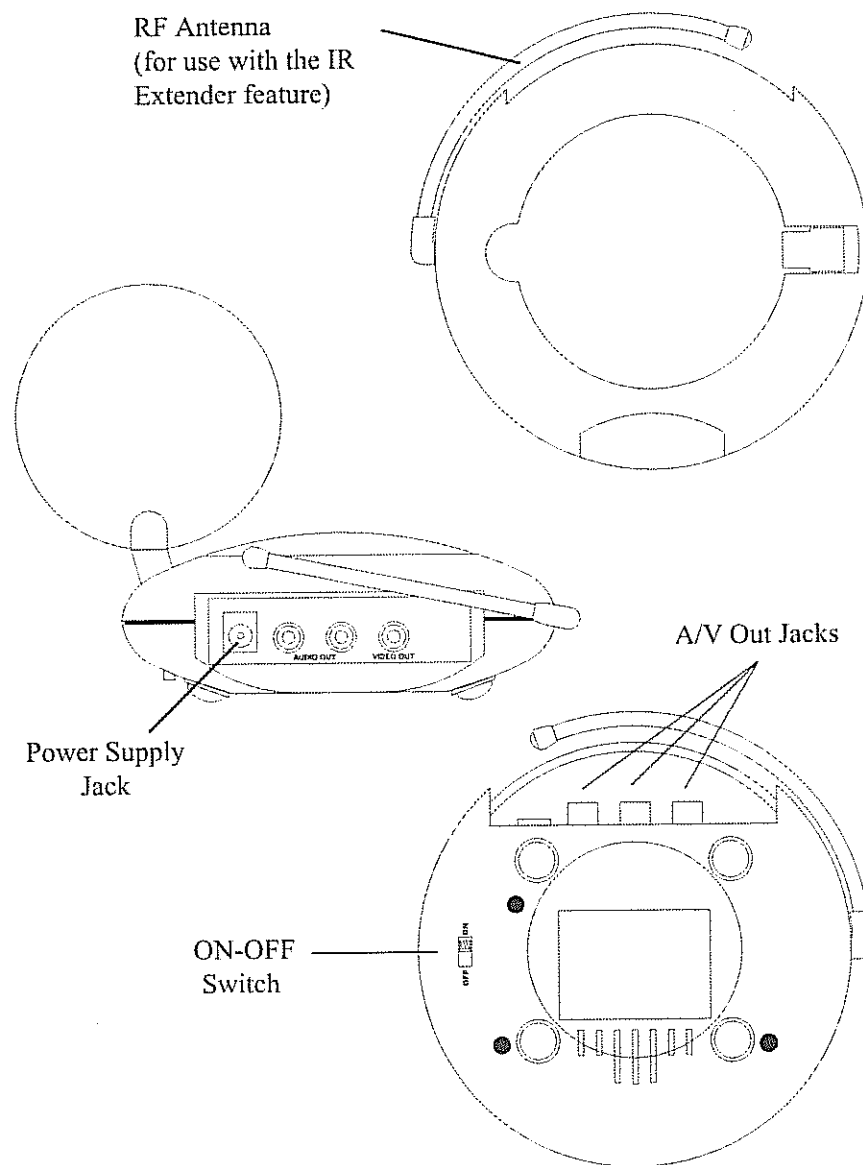
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CONTROLS AND CONNECTIONS

Audio/Video Sender



Audio/Video Receiver

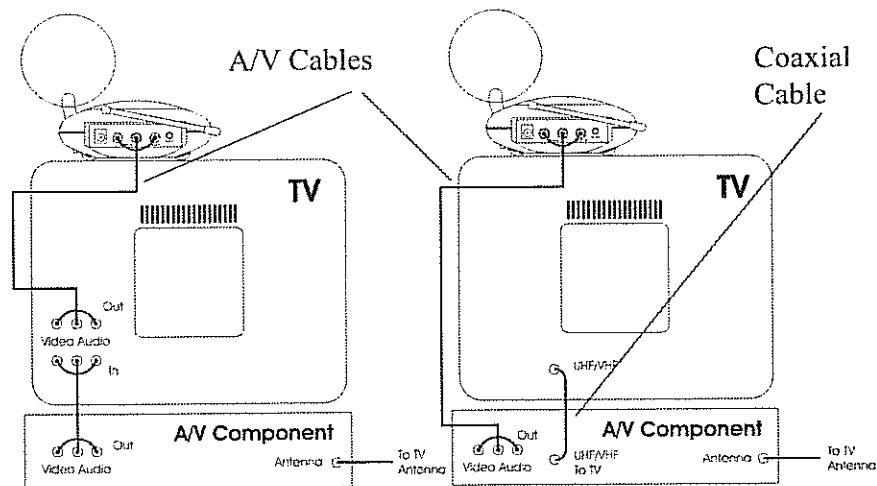


CONNECTING UP

Hooking up the Audio/Video Sender

1. Connect one set of audio/video cables to the AUDIO and VIDEO jacks of your Audio/Video Sender. Take care to match the colors of the plugs on the cable with the jacks on the Audio/Video Sender.
2. Connect the other end of the cable to the audio/video OUT jacks on your TV. Take care to match the colors of the plugs on the cable with the jacks on the TV. If the jacks on the TV are colored differently, connect the yellow plug to the jack labelled VIDEO, the red plug to the jack labelled AUDIO RIGHT and the white plug to the jack labeled AUDIO LEFT. See diagram A below.

Note: If your TV does not include Audio/Video OUT jacks, you will need to remake the connections as shown in diagram B) using the TV antenna (coaxial) connections to link up a Satellite Receiver (DBS), or Cable Box, or VCR, or DVD Player to your TV.



A) Connections for a TV with A/V OUT jacks.

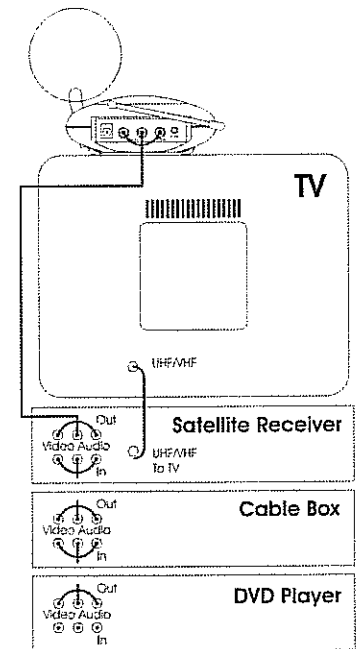
B) Connections for a TV without A/V OUT jacks.

3. Plug the Audio/Video Sender's Power Supply into a convenient 120 volt wall outlet and plug its jack into the Audio/Video Sender.
4. Position the Audio/Video Sender in a convenient location such as on top of your TV and orient the antenna so that the fat side points in the direction of the room where you will be installing the Receiver.

If you have several A/V components:

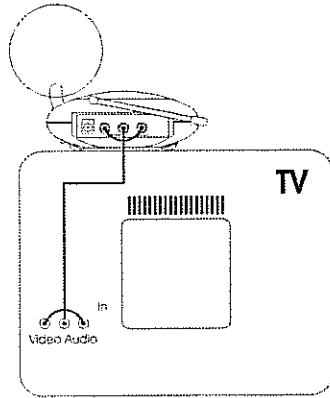
If you have two or more A/V components (e.g. Satellite Receiver (DBS), VCR, Cable Box, DVD Player, etc.) that you want to watch in another room, they will probably already be hooked up to the local TV in series (see the diagram to the right). To connect the Audio/Video Sender you just need to identify the last component in the chain and connect its LINE OUT jacks to the Audio/Video Sender's A/V IN jacks.

If the last component in the chain does not have spare LINE OUT jacks, reconnect the local TV to the last component in the chain using a coaxial cable to connect to the VHF/UHF jack, then use the A/V connections for the Audio/Video Sender.



Hooking up the Audio/Video Receiver

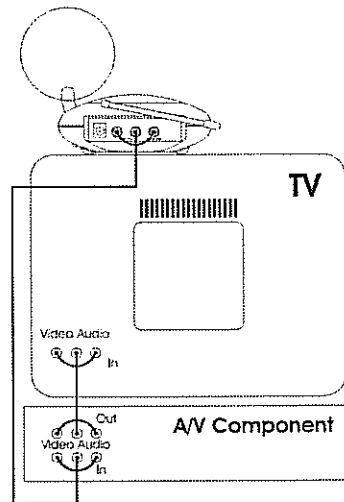
1. Connect a set of audio/video cables to the A/V OUT jacks of your Audio/Video Receiver. Connect the other end to your TV.



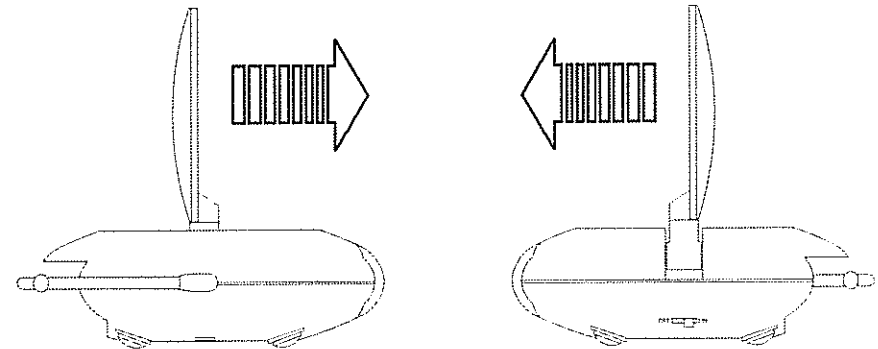
2. Plug the Audio/Video Receiver's Power Supply into a 120 volt wall outlet and plug its jack into the Audio/Video Receiver.
3. Position the Audio/Video Receiver in a convenient location such as on top of your TV and orient the antenna so that the fat side points in the direction of the room where you set up the Audio/Video Sender.

If your second TV is already hooked up to a Satellite Receiver or other A/V device:

If your Satellite Receiver or other A/V component is connected to the TV using A/V cables, you can connect the Audio/Video Receiver to the free LINE IN jacks on the component.



The Wireless Audio/Video Sender usually works best with the fat faces of the antennas on the Sender and Receiver units facing each other, see diagram below. Sometimes, however, reflections and other effects in your home may affect the signal so that some adjustment of either the Sender or Receiver antenna might be necessary to get the best signal.



If you are not getting any sound or picture at all from the Receiver:

- Check that both the Sender's and Receiver's power supplies are plugged in.
- Check that the ON/OFF switch on the Sender and Receiver are ON.

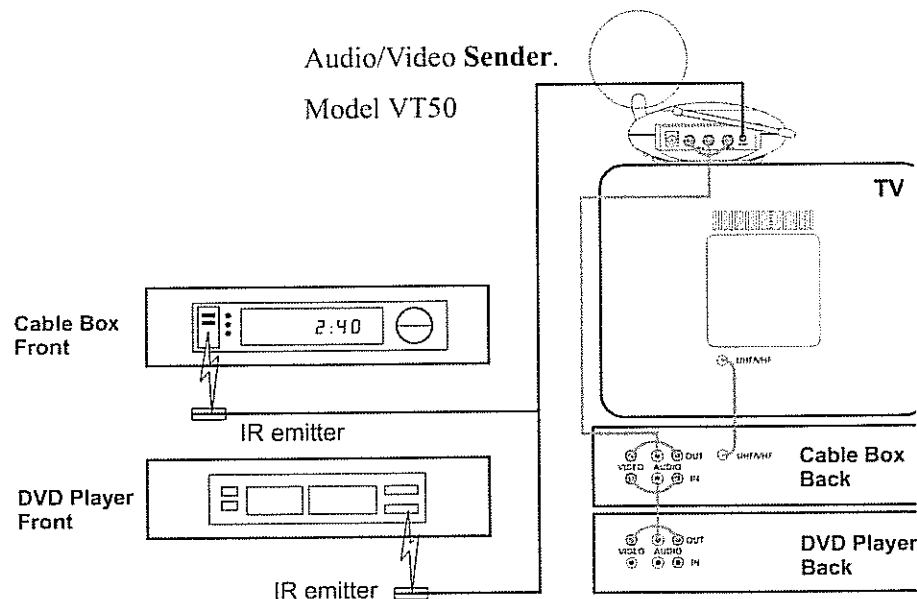
If the video or sound is poor, or if there is interference:

Take a look at what the video signal is passing through or near to get to the Receiver. Metal objects and electromagnetic fields can distort the signal. Try to keep the Receiver as far away from other devices as the cables allow. In most cases, relocating the Sender or Receiver a few feet is enough to avoid the source of interference.

Try unplugging/turning off any electromagnetic interference producing devices, such as a baby monitor, computer, wireless speakers, cordless phone, etc. Other 900 MHz devices can distort the picture. If you are experiencing interference between your X10 Video Sender and some other equipment that uses 900 MHz, check the other device's owner's manual for the frequencies of each channel that it uses. The X10 Video Sender uses 921MHz. We recommend using a frequency on the other device that is farthest from 921MHz. Otherwise you will need to discontinue use of the device while using the Video Sender.

USING THE IR EXTENDER FEATURE

The IR extender lets you use your remote to control the A/V product that the A/V **Sender** is connected to. E.G., if the Sender is connected to a DVD Player, or VCR in your living room, and the Audio/Video Receiver is connected to a TV in your bedroom; you can control the DVD Player or VCR while watching the picture from it on the TV in your bedroom. You do this by pointing your remote control at the Audio/Video Receiver that's connected to your bedroom TV. It receives the IR commands from your remote and converts them to wireless Radio Frequency (RF) commands, and sends them to the Audio/Video **Sender**. You plug the IR extender cable into the jack on the back of the A/V **Sender** and attach the IR emitters to the front of the DVD Player, or VCR, etc., that you want to control.



1. Plug the IR extender jack on the IR emitter cord into the IR EXT. socket located on the back of the VT50A Transmitter.
2. Attach the emitters in front of the devices you want to control.
3. Make sure that the IR emitters are attached close to the IR sensors on the devices you want to control.

The IR emitter cord lets you control up to two IR devices.

Note you will need to use your remote control to select which device (Cable Box, DVD player, etc.), passes its A/V signals to the VT50A (or use an external switch box to select the source).

FCC & IC Caution

THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES.

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 UNDESIRABLE OPERATION.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. 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 and, if not installed and used in accordance with the instructions, 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.

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

This device complies with Industry Canada licence-exempt RSS standard(s).

Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

NOTE: Modifications to this product will void the user's authority to operate this equipment.

X10 Wireless Technology, Inc. Limited One Year Warranty

X10.com, a division of X10 Wireless Technology, Inc. (X10) warrants X10 products to be free from defective material and workmanship for a period of one (1) year from the original date of purchase at retail. X10 agrees to repair or replace, at its sole discretion, a defective X10 product if returned to X10 within the warranty period and with proof of purchase. If service is required under this warranty: Call 1-800-442-5065, visit www.x10.com, or e-mail support@x10.com.

For help or more information on setup, please visit: www.x10.com/support

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