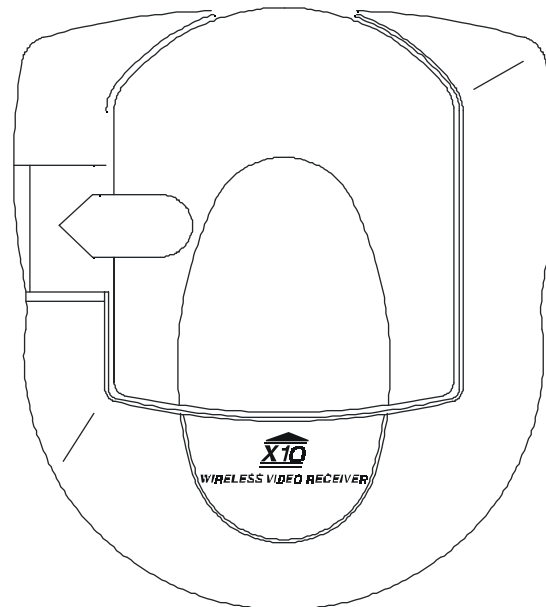




*Video Receiver for use with X10
Wireless Camera Systems*

MODEL VR36A OWNER'S MANUAL



INTRODUCTION

The VR36A Video Receiver works with X10's Wireless Cameras. The Camera converts video into wireless radio frequency (RF) signals and transmits them (even through walls) to the Video Receiver which you connect to a TV anywhere in your home (up to 100 ft. away from the Camera). The Video Receiver converts the signals back to video signals which are fed through a cable to your TV's Video input jack. If you purchase additional VR36As you can view your camera(s) on more than one TV.

FCC CAUTION

THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES.

OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITIONS:

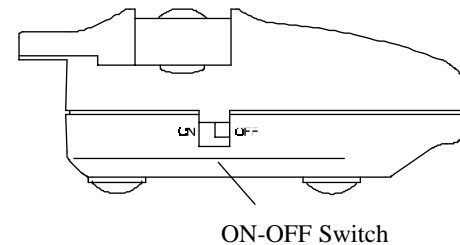
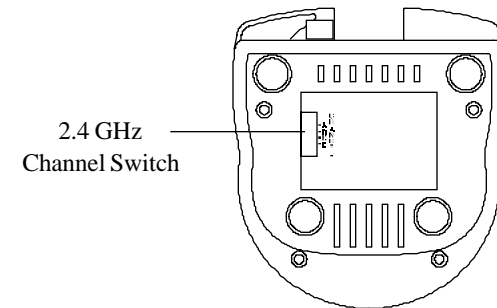
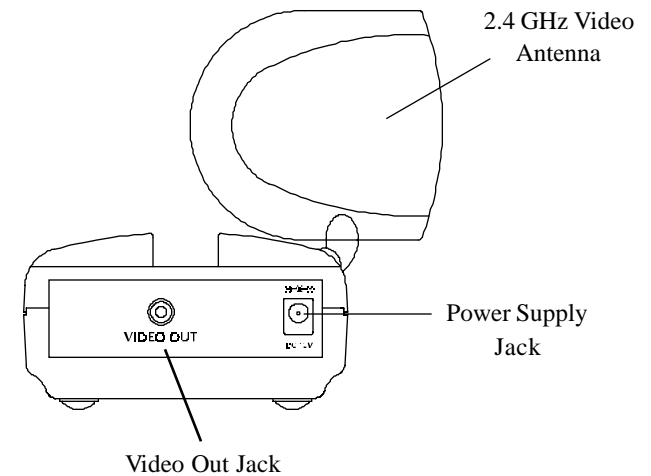
- (1) THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE, AND
- (2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE RECEIVED, INCLUDING INTERFERENCE THAT MAY CAUSE UNDESIRED OPERATION.

This equipment generates and uses radio frequency energy, and if not installed and used properly, that is, in strict accordance with the manufacturers instructions, it may cause interference to radio and television reception. It has been type tested and found to comply with the limits for remote control devices in accordance with the specifications in Sub-Parts B and C of Part 15 of FCC Rules, which are designed to provide reasonable protection against such interference in a residential installation. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause interference to radio or television reception, which can be determined by unplugging the equipment, try to correct the interference by one or more of the following measures.

- Reorient the antenna of the radio/TV experiencing the interference.
- Relocate the equipment with respect to the radio/TV.
- Move the equipment away from the radio/TV.
- Plug the equipment into an outlet on a different electrical circuit from the radio/TV experiencing the interference.
- If necessary, consult your local Dealer for additional suggestions.

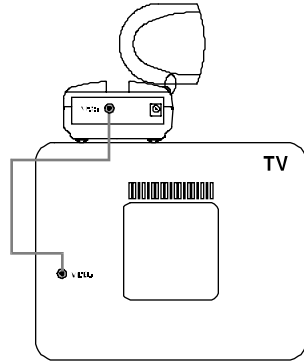
NOTE: Modifications to this product will void the user's authority to operate this equipment.

CONTROLS AND CONNECTIONS



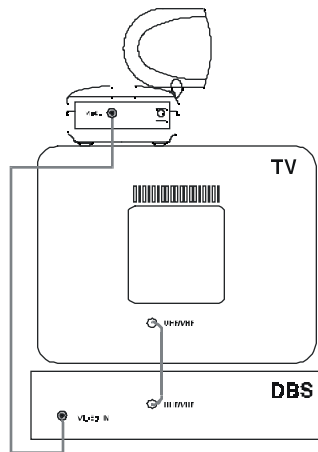
CONNECTING UP

1. Connect a Video cable to the VIDEO OUT jack on the Video Receiver. Connect the other end to your TV's VIDEO IN jack. If your TV does not have a Video IN jack, you will need to purchase an RF modulator, or connect as shown in the diagram below.
2. Plug the Video Receiver's Power Supply jack (the power supply with NO code wheels) into the Video Receiver and plug the power supply into a 120 volt wall outlet.
3. Turn the Video Receiver's power switch (on side of unit) on.
4. Set the channel switch to the same letter as you set on the camera, A, B, C, or D.
5. Position the Video Receiver in a convenient location such as on top of the TV and orient the antenna so that the flat side points in the direction where you set up the Camera.



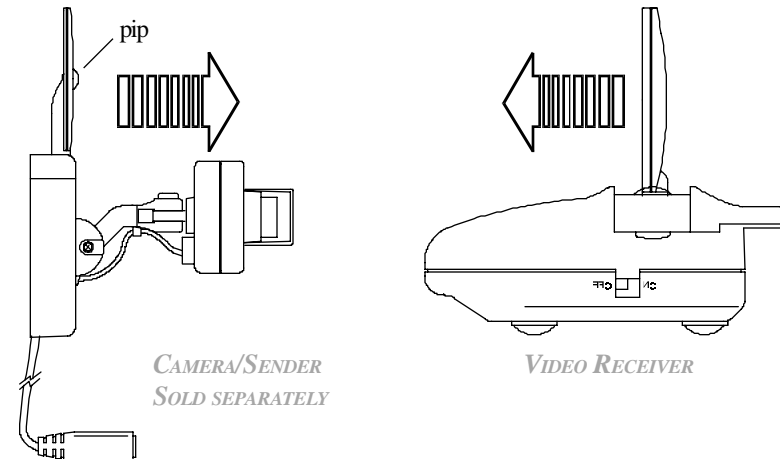
IF YOUR TV IS ALREADY HOOKED UP TO A DBS RECEIVER OR OTHER A/V DEVICE, OR IF YOUR TV DOES NOT HAVE A VIDEO IN JACK.

If a DBS Receiver or other A/V component is connected to the TV using a COAX cable, you can connect the Video Receiver to the free LINE IN jack on the component.



FINE TUNING YOUR SYSTEM

The system usually works best with the "pip" on the Camera's antenna facing the flat side of the Receiver's antenna (see diagram below). Sometimes, however, reflections and other effects in the home may affect the signal so that some adjustment of either the Camera or Receiver antenna may be necessary to get the best signal. If you have more than one Camera, sometimes pointing the Receiver's antenna up towards the ceiling works best.





TROUBLESHOOTING

If you do not see a picture on your TV:

Check that the Receiver and the Camera are on the same letter channel (A, B, C, or D). On the Receiver the switch is on the bottom. On the Camera the switch is located under the rubber plug on the base of the unit. Make sure you replace the plug afterwards if you intend to use the camera outdoors.

There is a power light on the front of the Receiver. Check that the power switch on the side of the Receiver is ON.

Check that the Camera is turned on. For single camera systems the power supply for the Camera will normally be on (it powers up on). For Multi-Camera systems you need to purchase a TM751 Transceiver for the remote control to be able to turn Cameras on. When you turn any one on, in a group of 4 on, the others in the group turn off. Groups must be 1-4, 5-8, 9-12, or 13-16. Check that all camera power supplies are set to the same Housecode as the Transceiver and remote control.


Verify that your connections to the TV are correct. Make sure you are using the appropriate input mode for your TV, try pressing the A-B button or Video button on your TV's remote control to change the input mode (consult your TV's owner's manual, if necessary).

If you connected the Receiver to a VCR and then connected the VCR to your TV, you might need to turn the VCR OFF to see the Camera's picture on your TV. Or you might need to turn the VCR on, AND set it to record the picture from the Camera, in order to see the picture on your TV. Or you might need to press the A-B button on your VCR's remote control. Consult your VCR's owner's manual from more information.

If you get a picture but the quality is poor:

Try different positions for the antennas on the Camera and Receiver. Normally they should point at each other. Sometimes, due to reflections, you might get a better picture with the Receiver's antenna pointing to the ceiling.

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 Camera 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 microwave oven, baby monitor, computer, wireless LAN, wireless speakers, cordless phone, cell phone, etc.

Other 2.4 GHz devices can distort the Camera's picture. If you are experiencing interference between X10 Cameras and some other equipment that uses 2.4 GHz, check the other device's owner's manual for the frequencies of each channel that it uses. X10 cameras use the following frequencies: Channel A: 2.411 GHz, Chan B: 2.434 GHz, Chan C: 2.453 GHz, Chan D: 2.473 GHz. We recommend using a frequency on the other device that is farthest from channel A or D, depending on which side of the band the other device is transmitting. Otherwise you will need to discontinue use of the device while using the Cameras.

If the camera is out of focus:

The camera is shipped preset to be in focus for normal use, but if you want to change the focus you can remove the clear plastic cover and rotate the inner portion of the lens. It might be a bit tight. Try turning it counterclockwise first. If you turn it clockwise do not force or over tighten it. For outdoor use, replace the clear plastic cover to keep the rain out.

If you are having difficulty turning the Camera on/off remotely:

Plug the Transceiver (the white module with an antenna) into a different outlet. Note a Transceiver (sold separately) is REQUIRED for Multi-Camera systems. It is not required if you only have one camera as the camera's power supply powers up on when you plug it in.


If the Remote Control (sold separately) doesn't do anything.

Check that the red light on the remote comes on when you press any button. Check that you have the batteries installed correctly, replace if necessary with 4 AAA alkaline batteries. Try the Transceiver in different outlets (see above).

For more help with setup please visit www.x10.com/support



12 MONTH LIMITED WARRANTY



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IF SERVICE IS REQUIRED UNDER THIS WARRANTY:

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2. RETURN THE DEFECTIVE UNIT POSTAGE PREPAID TO THE ADDRESS BELOW
3. ENCLOSE A CHECK FOR \$4.00 TO COVER HANDLING AND RETURN POSTAGE.
4. ENCLOSE A DATED PROOF OF PURCHASE.
5. X10 IS NOT RESPONSIBLE FOR SHIPPING DAMAGE. UNITS TO BE RETURNED SHOULD BE PACKED CAREFULLY.

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Returns Depot, 3824 North 5th St.,

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VR36A-09/01

