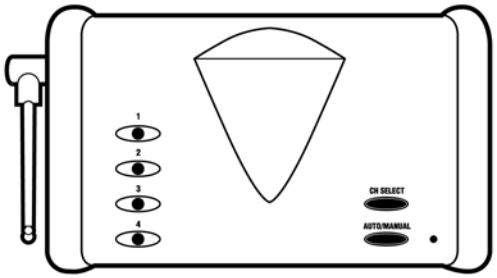
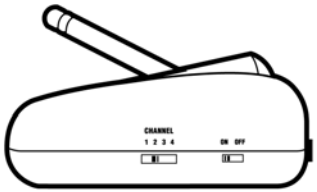
# 2.4 GHz WIRELESS

# VIDEO SENDER SYSTEM

# MODEL: VS6234




Please read this manual thoroughly before operating thi system

**This product broadcasts over public airwaves and its video and audio signals may be intercepted without your consent.**

## OPERATING INSTRUCTIONS

06/03

## CAUTION

**RISK OF ELECTRIC SHOCK. DO NOT OPEN.**

**CAUTION : TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.**

**lanation of two Symbols**

The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance-(servicing) instructions in the literature accompanying the appliance.

E GRAPHIC SYMBOLS WITH SUPPLEMENTAL MARKING ARE ON E BOTTOM OF THE SYSTEM.

ARNING: To prevent fire or shock hazard, do not expose this appliance to rain, water, or wet locations. Do not insert any metallic object through the ventilation grills.

**IPORTANT SAFETY INSTRUCTIONS:**

is wireless Audio/Video equipment is provided with a polarized alternating-rrent line plug (a plug having one blade wider than the other). This plug will into the power outlet only one way. This is a safety feature. If you are unable insert the plug fully into the outlet, try reversing the plug. If the plug still fails fit, contact your electrician to replace your obsolete outlet. Do not defeat the fety purpose of the polarized plug.





IMPORTANT SAFEGUARDS
All the safety and operating instructions should be read before the appliance is operated and retained for future reference.

1. **HEED WARNINGS** - All warnings on the appliance and in the operating instructions should be adhered to.
2. **FOLLOW INSTRUCTIONS** - All operating instructions should be followed.
3. **WATER AND MOISTURE** - Do not use this video product near water - for example, a bath tub, wash bowl, kitchen sink, laundry tub or swimming pool, or in a wet basement.
4. **POWER SOURCES** - This product should be operated only from the type of power source indicated on the marking label.
5. **OVERLOADING** - Do not overload outlets and extension cords, which can result in a risk of fire or electric shock.
6. **SERVICING** - Do not attempt to service this product yourself. Opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing or repairs to qualified service personnel.
7. **DAMAGE REQUIRING SERVICE** - Unplug this product from the wall outlet and refer servicing or repairs to qualified service personnel under the following conditions：
   a. When the power supply cord or plug is damaged.
   b. If liquid has been spilled or objects have fallen into the product.
   c. If the product has been exposed to rain or water.
   d. If the product does not operate normally by following the operating instruction Adjust only those controls that are covered by the operating instructions.
   e. If the product has been dropped or the cabinet has been damaged.
   f. When the product exhibits a distinct change in performance.

. **REPLACEMENT PARTS** - When replacement parts are required, be sure the service technician has used replacement parts that are specified by the manufacturer or have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, or other hazards.

. **SAFETY CHECK** - Upon completion of any service or repairs to this video product, ask the service technician to perform safety checks to determine if the video product is in proper operating condition.

**0. An appliance and cart combination should be moved with care.**
Do not place this equipment on an unstable cart, stand, or table. The equipment may fall, causing serious injury to a child or adult, and serious damage to the equipment. Wall or shelf mounting should follow the manufacturer's instructions and should be done with a mounting kit approved by the manufacturer.

## FCC CLASS B NOTICE

**Note:**
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 instruction, 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 or television technician for help.



**Congratulations on your purchase of the 2.4 GHz Wireless Video Sender System. This system easily connects to any T.V., allowing you to view your Satellite, DVD or Security Camera from another room, of up to 300ft distance (open space).**

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To learn more about this product and for a complete listing of products, please visit us at:
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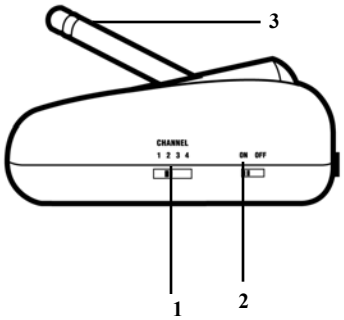
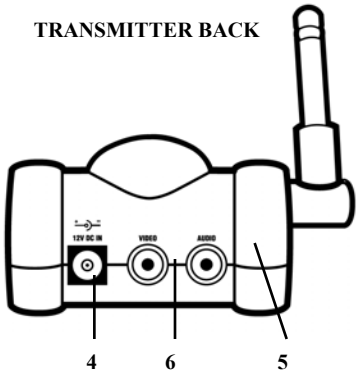
## IRELESS TRANSMITTER

TRANSMITTER SIDE




TRANSMITTER BACK




**1. CHANNEL SELECTOR SWITCH**
Used to select channel settings 1-4.

NOTE

**2. ON/OFF POWER SWITCH**
ON/OFF power Switch:
Ensure this switch is set to OFF before plugging the system into an electrical outlet.

**3. 2.4 GHz ANTENNA**
High gain dipole antenna sends audio and video signals to the wireless receiver.

**4. DC IN JACK**
Power source for the transmitter.

**5. VIDEO INPUT JACK (YELLOW)**
RCA jack for video input connector.

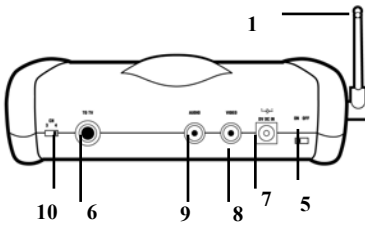
**6. AUDIO INPUT JACKS R (RED) & L (WHITE)**
RCA jacks for audio input connector.



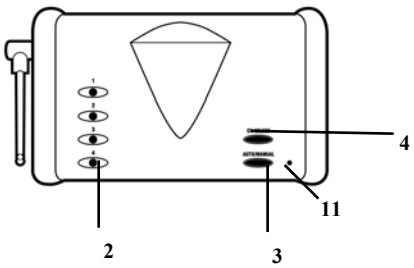


## WIRELESS RECEIVER

REAR VIEW




TOP VIEW




**1. 2.4GHz A/V ANTENNA**
High gain dipole antenna receives audio and video signal from the wireless transmitter.

**2. LED CHANNEL INDICATORS**
Indicator light shows selected channel.

**3. AUTO/MANUAL BUTTON**
Used to sequence receiver from channels 1-4.

**4. CHANNEL SELECTOR BUTTON**
Used to manually switch channels from 1-4.

NOTE

**5. ON/OFF POWER SWITCH**
ON/OFF power switch:
Ensure this switch is set to OFF before plugging the system into an electrical outlet.

**6. RF OUT JACK**
Used to connect the receiver to a TV using the supplied coaxial cable.

**7. DC IN JACK**
Power source for the receiver.

**8. VIDEO OUTPUT JACK** (Yellow)
RCA jack for Video output connector. (when using RCA connector)

**9. AUDIO OUTPUT JACKS R**(Red)/**L**(W
RCA jacks for Audio output connector. (when using RCA connector)

**10. CHANNEL 3/4 SELECTOR SWITCI**
Used to view picture on television when using Coaxial cable (preset to channel 3)

**11. GREEN LED INDICATOR**
Indicator light shows system status of A Scan. Auto Scan is ON when the green light is visible.

## CONNECTING A TRANSMITTER SIGNAL FROM YOUR /CR/SATELLITE/DVD

## STEP 1:

INPUT
DIAGRAM

**OTE** Ensure the Power Switch on the Transmitter is turned OFF prior to proceeding with the following steps.

. Connect one end of the RCA cables to the Audio/Video jacks of the Transmitter; the other end to the Audio/Video Out jacks of the VCR/Satellite/DVD. Ensure that the yellow, red and white plugs match the yellow, red and white jacks on both the VCR/Satellite/DVD and the Transmitter.

. Plug one end of the supplied power adapter (12V 500 mA adapter) into the back of the transmitter; the other end into an electrical outlet. The system is defaulted to channel 1.



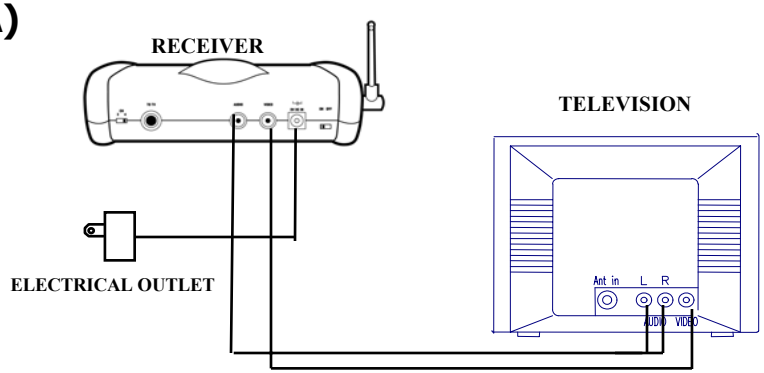


## CONNECTING A RECEIVER TO A T.V. USING RCA CABLES

## STEP 2:

**You have two options to connect the Receiver: A) Using RCA Cables (see below; or B) Coaxial Cables, please refer to page 9 of this manual.**

**A)**




**NOTE** Ensure the Power Switch on the Receiver is turned OFF prior to proceeding with the following steps.

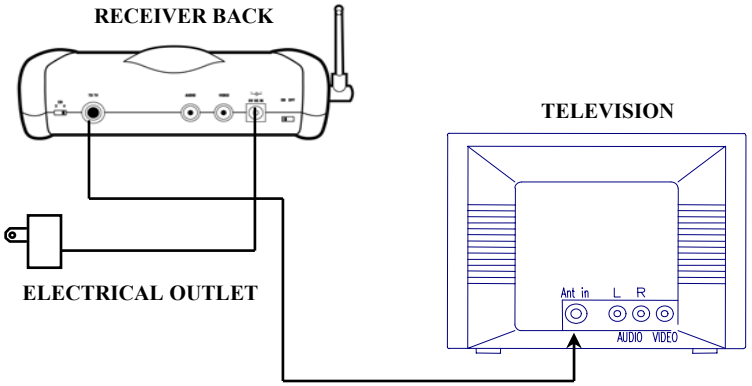
1. Place the wireless receiver near your television (or monitor).
2. Connect one end of the RCA cables to the Audio/Video jacks at the back of the Receiver. Plug the other end of RCA cables into the Audio/Video In jacks on your television. Be sure the yellow, red and white plugs match the yellow, red and white jacks on both the receiver and TV.
3. Connect one end of the supplied 9V 500 mA AC adapter into the DC IN jack at the rear of the receiver; the other end into an electrical outlet. Turn the receiver ON. The system is defaulted to channel 1.
4. Turn your T.V. to AX (Aux. Mode) to view the picture on your second T.V.
5. Adjust the antenna on both the transmitter and receiver as necessary for optimum viewing.

**NOTE** For optimum viewing reception you may need to change the channels of your transmitter and receiver to the same channels.

## ONNECTING A RECEIVER TO A T.V. USING COAXIAL CABLES

## TEP 2:

)




**OTE** Ensure the Power Switch on the Receiver is turned OFF prior to proceeding with the following steps.

. Place the wireless receiver near your television (or monitor).

. Connect one end of the coaxial cable to the back of the Receiver. Plug the other end of the coaxial cable to the television.

. Connect one end of the supplied 9V 500 mA AC adapter into the DC IN jack at the back of the receiver; the other end into an electrical outlet. Turn the receiver ON. The system is defaulted to channel 1.

. Search channels 1 through 4 by using Channel Selector Switch on the Receiver and Transmitter.

. Turn your T.V. to channel 3 to view the picture from your second T.V.

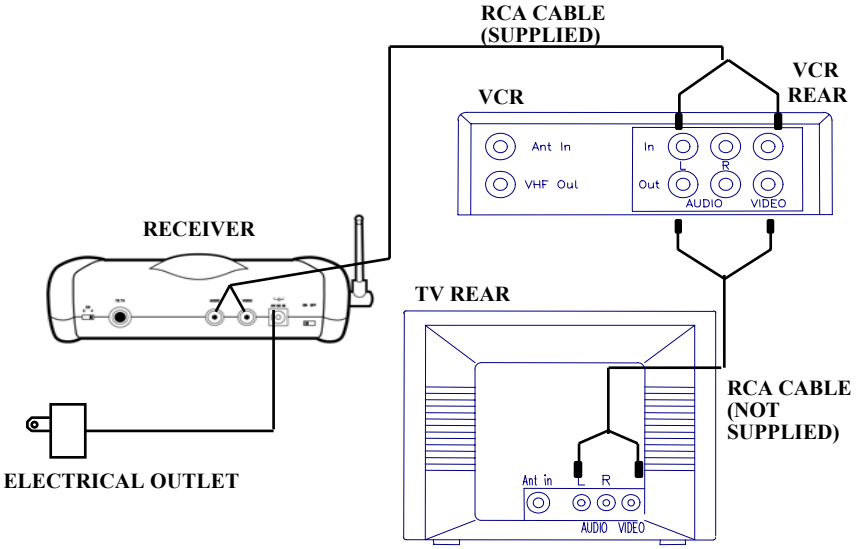
. Adjust the antenna on both the transmitter and receiver as necessary for optimum viewing.

**NOTE** For optimum viewing reception you may need to change the channels of your transmitter and receiver to the same channels.





## CONNECTING A RECEIVER TO A REMOTE TV THROUGH A VCR




**NOTE** Ensure the Power Switch on the Receiver is turned OFF before proceeding with the following steps.

1. Connect one end of the RCA cables to the Audio/Video jacks located at the rear of the Receiver. Plug the other end of the RCA cables into the Audio/Video In jacks on your VCR.
2. Connect one end of other RCA cables to the Audio/Video jacks on your Televisio Plug the other end of the RCA cables into the Audio/Video Out jacks on your VC
3. Turn both the Transmitter and Receiver 'ON'. Set your TV to Video mode to vie the signal from the T.V. (Consult your televisions owners manual on setting the Television to Video (Aux) mode.
4. Turn your T.V. to AX (Aux. Mode) to view the picture on your second T.V.
5. Adjust the antenna direction on both the transmitter and receiver as necessary for optimum viewing.

**NOTE** For optimum viewing reception you may need to change the channels of your transmitter and receiver to the same channels.

## ONNECTING MORE VIDEO DEVICES TO YOUR SYSTEM IAX. OF 4)

e Video Sender system allows you to connect more than 1 transmitter and eiver. Connecting more than one transmitter to the system is normally utilized en viewing multiple Video Security Cameras on a television or monitor. You o have the option to connect multiple receivers to this system for viewing your tellite/DVD picture from multiple rooms.

hen connecting additional transmitters to this system, ensure the transmitter is set a different channel. Use the Auto/Manual button to view different channels.

## UTO SCANNING - WHEN UTILIZING MORE THAN 1 TRANSMITTER

s an added feature, the Video Sender system provides you with the option to tomatically scan between up to four video devices. This can be particularly useful hen viewing video security cameras. If you are utilizing less than four channels, you n also set the system to scan only within two or three locations.

tting Auto Scan to 2 or 3 camera locations:

Press and hold the Auto/Manual button for more than 2 seconds. All four LED lights on the front of the monitor will turn ON. Releasing the Auto/Manual button to remain in the four channel switching option.

Continue to press and hold the Auto/Manual button. The Channel 4 LED button will turn off. The system is now set to scan between three camera locations (Channel 1-3).

Continue to press and hold the Auto/Manual button. The Channel 3 LED button will now be turned off. The system is now set to scan between two camera locations (Channel 1-2).

Continue to press and hold the Auto/Manual button to return to the four camera viewing option (all four LED lights will be illuminated).





## AUTO AND MANUAL VIEWING OPTIONS

To manually view a specific transmitter/video source location, press the Auto/Manual button. Press the Ch. Select key to view the desired video source location. Auto Mode is used when more than 1 video device is connected to the Video Sender system. The system is preset to a default of seconds.

Press the Auto/Manual button to return to the Auto Mode feature.

* **NOTE**: In the event of a power failure or a power breakdown, your system will automatically switch back to Channel 1. The user therefore will manually adjust to reflect the previous channel that was set prior to the power failure.

## SELECTABLE DWELL SETTING

This system provides you with three selectable dwell options (2, 5 and 10 seconds) when the system is set to Auto Mode. This system is preset to 2 second selection.

### Changing Dwell Mode

1. Press and hold the CH Select button. The LED button will turn on to indicate that it is set to 2 seconds.
2. Continue to press and hold the CH Select button. The LED butto will flash at a one second interval to indicate that it is now set to the 5 second setting.
3. Continue to press and hold the CH Select button. The LED butto will flash three times to indicate it is set to the 10 second setting.

the system does not function properly, check the following points before ntacting the service center:

| Problems | Causes and Remedies | |
|---|---|---|
| | Video Source | Receiver/Transmitter |
| **o power<br>o picture/sound)** | - Video source/device not connected to transmitter<br>- AC adapter not plugged in<br>- Power switch not turned ON | - AC adapter not plugged in<br>- Power switch not turned on<br>- TV or Monitor not turned on<br>- Improper A/V or coaxial cable connection |
| **oor Reception** | - Video source/device not connected to transmitter<br>- AC adapter not plugged in<br>- Power switch not turned ON | - Adjust antenna direction<br>- Improper channel 1-4 selection |
| **icture flickering**<br><br>**icture too bright<br>r too dark** | - Strong spot light in the field of view<br>- Lighting source in the field of view | - Adjust brightness control on TV/monitor |
| **cture rolls and jumps<br>or scrambled picture** | - Adjust antenna direction | - Adjust antenna direction |

**FOR MORE INFORMATION, VISIT OUR WEBSITE AT:**
**www.strategicvista.com**





## WIRELESS TRANSMITTER

| | |
|---|---|
| **Power supply** | AC adapter 12V DC 500mA output |
| **Current consumption** | 150 mA TYP. |
| **Channel frequency** | 2411 - 2473 Mhz |
| **Channel selection** | 4 channel |
| **Modulation system** | FM modulation |
| **Video channel** | 1 |
| **Video input level** | 1 Vpp @ 75 Ohm |
| **Audio channel** | 2 |
| **Audio input level** | 1 Vpp @ 600 Ohm |
| **Transmission channel** | Video x 1<br>Audio x 2 |
| **Antenna type** | Dipole |
| **LED indicator** | Power |
| **Dimensions** | 98mm x 62mm x 40mm OR<br>3.85’ x 2.44’ x 1.57’ |
| **Weight** | 98 Grams OR 3.15 Oz |

## WIRELESS RECEIVER

| | |
|---|---|
| **Receiving frequency** | 2.41GHz - 2.48GHz (4CH) |
| **Output level** | 1.0Vp-p(Video), 1.35Vp-p(Audio) |
| **Sensitivity** | -25dBm to -80dBm |
| **Antenna** | Dipole antenna |
| **Operating temperature** | -14º to + 122º F or (-10ºC to + 50 ºC) |
| **Power source** | 9V 500mA DC Adapter |
| **Dimensions** | 15.3(W) x9(D) x 4.5 (H) cm OR<br>6.02’ (W) x 3.5’ (D) x 1.77’ (H) |
| **Weight** | 220 grams or 7.07 Oz |

## SYSTEM INCLUDES

- Receiver / Transmitter
- 2 AC adapters (120 V AC to 12 V DC power)
- Power split cable (‘Y’ connector)
- 2 Audio/Video RCA Cables
- Coaxial Cable

**Because our products are subject to continuous improvement, SVC reserves the right to modify product Designs and Specifications without notice and without incurring any obligation. E & OE.**