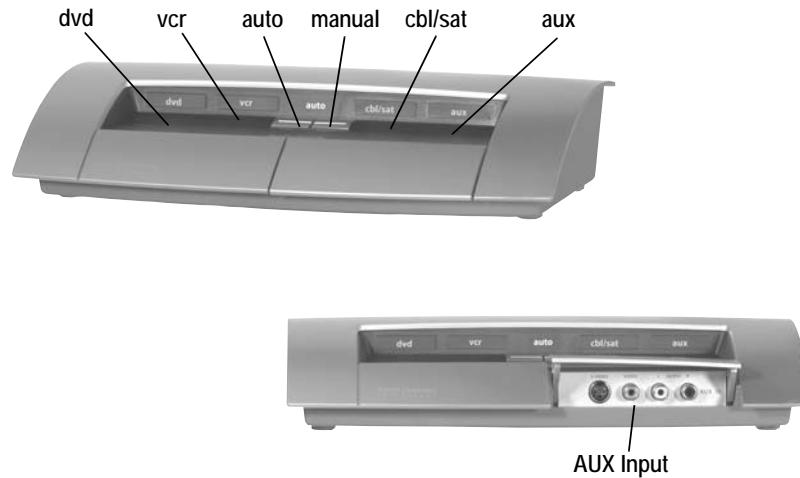


# Auto-Sensing 4-Way Audio/Video Selector Switch with RF Modulator

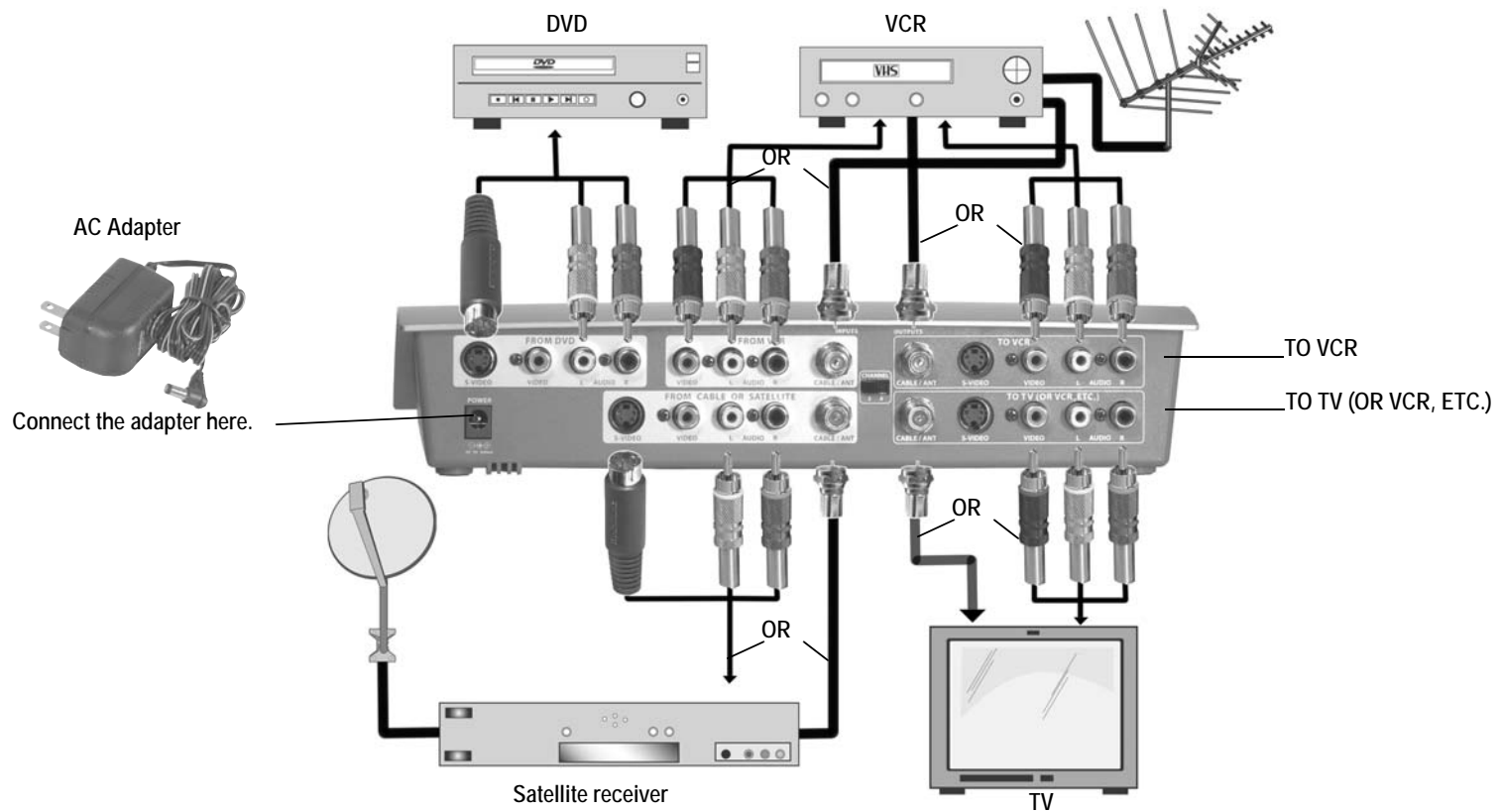
Cat. No. 15-1988

Thank you for purchasing the RadioShack Auto-Sensing 4-Way Audio/Video Selector Switch with RF Modulator. Your selector switch provides four sets of input jacks and two sets of output jacks. The input jacks include three S-videos, four sets of A/V jacks and two RF F-connectors. The output jacks include two RF F-connectors, two S-videos and two sets of A/V jacks. You can use the switch to connect up to four audio/video components, such as direct-to-home satellite systems, VCRs, DVD players, laser-disc players, cable boxes, or video game systems into standard CH 3 or CH 4 TV signals that you can watch on any regular TV.



## Connections

Use cables with stereo audio/video plugs to make all connections. For best performance, use high-quality audio/video cables. Do not use audio cables for video. The selector's color-coded jacks make it easy to connect devices to the switch. Yellow jacks are for video. Red jacks are for right audio. White jacks are for left audio. If a device does not have a S-Video cable, connect its video output to the switch's input jack for that device. If the device has an S-Video cable, connect it to the S-Video input jack. A device's inputs should always connect to the corresponding outputs. If your TV or monitor does not accept an S-Video cable, connect its video input to **TO TV (OR VCR, ETC.)**, or connect a cable with an f-connector from the TV's antenna input to **CABLE/ANT**. There is an **Aux IN** input at the front of the switch's cabinet. You can connect your game system or other device with an S-video cable or A/V cables to the **Aux IN**. **Note:** If **FROM VCR** input is selected, there is no output from **TO VCR**. For video recording, you must connect **TO TV (OR VCR, ETC.)** to the input of the recording device, or connect the source device to another input. Set the **CHANNEL 3/4** switch to match the unpopulated frequency in your area. For example, if there is an active channel 4 in your area, set the switch to 3.



## Operation

### Auto Mode

After power up, AUTO CHANNEL SELECT is performed to select the active source from the four input groups. They are AUX, DVD, VCR and Cable/Satellite. The AUTO LED will light up to indicate the unit is in auto mode. If video signals are detected from more than one input positions, the switch will stay on the highest position, according to priority, and a blue LED lights to indicate the selected input position. The priority levels, in descending order, are:

1. Aux S-Video (highest priority)
2. Aux Video
3. DVD S-Video
4. DVD Video
5. VCR Video
6. Cable S-Video
7. Cable Video (lowest priority)

**Note:** Some devices emit blue screen output for up to two minutes after they are powered off. If any input device is powered off but still emits a blue screen output, the selector will not switch to the next input device. You will need to press **manual** to select the desired video inputs.

### Manual Mode

You can also select the desired video channel manually by pressing **manual**. Repeatedly pressing **manual** allows you to switch between the four input positions (**dvd**, **vcr**, **cbl/sat**, **aux**). To resume auto mode, press **auto**.

### Notes:

- Any manual selection will be cleared after power up, because AUTO CHANNEL SELECT is performed automatically.
- You can manually select any video group even though there is no signal present.
- If you choose the VCR group without a video input, VCR RF is made active. You have to use the VCR's control instead of the TV's control to select a channel.
- If you choose the CBL/SAT group without a video input, CBL/SAT RF is set active. You have to use the cable or satellite receiver's control instead of the TV's control to select a channel.
- There is no demodulation of RF inputs.

## Limited 90 Day Warranty

This product is warranted by RadioShack against manufacturing defects in material and workmanship under normal use for ninety (90) days from the date of purchase from RadioShack company-owned stores and authorized RadioShack franchisees and dealers. EXCEPT AS PROVIDED HEREIN, RadioShack MAKES NO EXPRESS WARRANTIES AND ANY IMPLIED WARRANTIES, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE DURATION OF THE WRITTEN LIMITED WARRANTIES CONTAINED HEREIN. EXCEPT AS PROVIDED HEREIN, RadioShack SHALL HAVE NO LIABILITY OR RESPONSIBILITY TO CUSTOMER OR ANY OTHER PERSON OR ENTITY WITH RESPECT TO ANY LIABILITY, LOSS OR DAMAGE CAUSED DIRECTLY OR INDIRECTLY BY USE OR PERFORMANCE OF THE PRODUCT OR ARISING OUT OF ANY BREACH OF THIS WARRANTY, INCLUDING, BUT NOT LIMITED TO, ANY DAMAGES RESULTING FROM INCONVENIENCE, LOSS OF TIME, DATA, PROPERTY, REVENUE, OR PROFIT OR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, EVEN IF RadioShack HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you. In the event of a product defect during the warranty period, take the product and the RadioShack sales receipt as proof of purchase date to any RadioShack store. RadioShack will, at its option, unless otherwise provided by law: (a) correct the defect by product repair without charge for parts and labor; (b) replace the product with one of the same or similar design; or (c) refund the purchase price. All replaced parts and products, and products on which a refund is made, become the property of RadioShack. New or reconditioned parts and products may be used in the performance of warranty service. Repaired or replaced parts and products are warranted for the remainder of the original warranty period. You will be charged for repair or replacement of the product made after the expiration of the warranty period. This warranty does not cover: (a) damage or failure caused by or attributable to acts of God, abuse, accident, misuse, improper or abnormal usage, failure to follow instructions, improper installation or maintenance, alteration, lightning or other incidence of excess voltage or current; (b) any repairs other than those provided by a RadioShack Authorized Service Facility; (c) consumables such as fuses or batteries; (d) cosmetic damage; (e) transportation, shipping or insurance costs; or (f) costs of product removal, installation, set-up service adjustment or reinstallation. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. RadioShack Customer Relations, 200 Taylor Street, 6th Floor, Fort Worth, TX 76102

## Specifications

RF output level:..... 3dB mV  
 RF output channels:..... 3 or 4  
 RF output impedance:..... 75 ohms  
 Video input impedance..... 75 ohms  
 TV to ANT insertion loss:..... (50-806MHz): 3dB  
 Specifications are typical; individual units might vary. Specifications are subject to change and improvement without notice. Actual product may vary from the product images in this document.

## What's Included

This user's guide— 4-way switch  
 AC adapter — Lables

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15-1988  
 Printed in China  
 04A04  
 Part # AO0208AAA1

## FCC Information

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 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 your local RadioShack store or an experienced radio/TV technician for help.
- If you cannot eliminate the interference, the FCC requires that you stop using your selector switch.

Changes or modifications not expressly approved by RadioShack may cause interference and void the user's authority to operate the equipment.

Product:	Audio/Video Selector Switch
Model:	15-1988
Responsible Party:	RadioShack 100 Throckmorton Fort Worth, TX 76102
Phone:	817-415-3200