

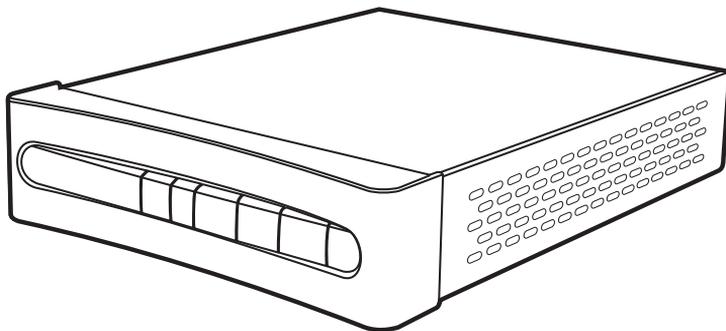


user manual

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STB7766C

[www.RCAav.com](http://www.RCAav.com)



It is important to read this instruction book prior to using your new product for the first time.

# SAFETY PRECAUTIONS



The lightning flash with an arrowhead symbol, within the 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 cause an electric shock.



The exclamation point within the equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in this owner's manual.



**WARNING:**

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

**WARNING:**

**TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE. DO NOT PLACE OBJECTS FILLED WITH LIQUIDS ON OR NEAR THIS UNIT.**



**Equipment tested for compliance as a complete unit**

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 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.

**WARNING:** Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

# IMPORTANT SAFETY INSTRUCTIONS

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with a dry cloth.
7. Do not block any of the ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding - type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. When the provided plug does not fit into your AC power outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with a cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as the power-supply cord or plug is damaged, liquid has spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.



**Portable Cart Warning**

## ACCESSORIES

- AC Adapter ..... x 1
- Remote Control ..... x 1
- AAA Batteries (for Remote Control) ..... x 2
- RF Cable ..... x 1

## CONTENTS

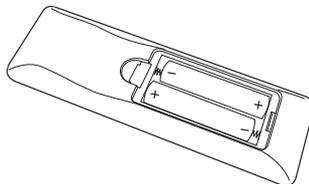
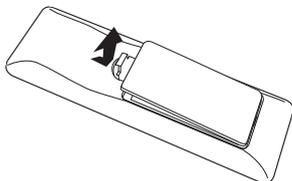
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## REMOTE CONTROL

- Point the remote control at the REMOTE SENSOR located on the unit.
- When there is a strong ambient light source, the performance of the infrared REMOTE SENSOR may be degraded, causing unreliable operation.
- The recommended effective distance for remote operation is about 16 feet (5 meters).

### **To Install Batteries**

1. Open the battery door.
2. Insert two AAA batteries.



### **Battery Replacement**

When the batteries become weak, the operating distance of the remote control is greatly reduced and you will need to replace them.



**CAUTION:** Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.

#### **Notes:**

- If the remote control is not going to be used for a long time, remove the batteries to avoid corrosion damage caused by battery leakage.
- Do not mix old and new batteries. Do not mix ALKALINE, standard (CARBON-ZINC) or rechargeable (NICKEL-CADMIUM) batteries.
- Always remove batteries as soon as they become weak.
- Weak batteries can leak and severely damage the remote control.
- **WARNING:** Do not dispose of batteries in a fire. Batteries may explode or leak.

# QUICK START GUIDE

## STEP 1: CONNECTIONS

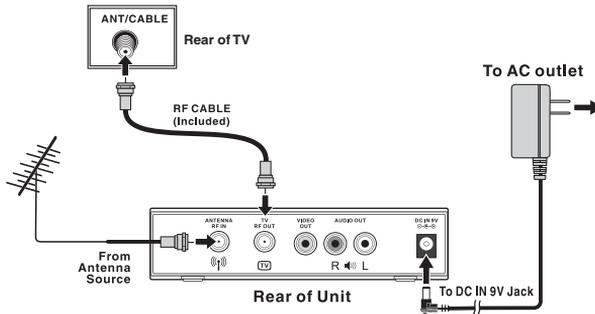
When this converter box is powered on, digital signals from the ANTENNA RF IN jack are converted to analog signals and output from the TV RF OUT jack or the VIDEO OUT jack. When this converter box is in standby state, analog RF TV signals pass through the box and output from the TV RF OUT jack.

### Option One: Using the RF Cable to Connect a TV

1. Connect an antenna cable to the **RF IN** terminal on the rear of the unit.
2. Use the RF cable (included) to connect the unit and TV/Monitor.
3. Use the AC adapter (included) to connect a suitable wall outlet. The supplied 9V adapter operates on AC 100-120V ~ 50/60Hz.
4. Turn on your TV and switch TV's channel selection to CH3.

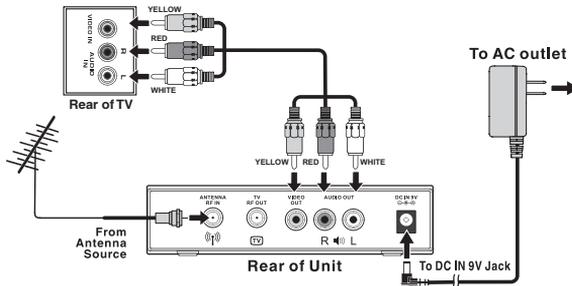
#### Note:

- If a local TV Station happens to broadcast on CH3, we recommend you switch the unit's Output Channel to Channel 4 (and switch TV to CH4), following the instructions on Page 12.



### Option Two: Using the AV Cable to Connect a TV

1. Connect an antenna cable to the **RF IN** terminal on the rear of the unit.
2. Use the AV Cable (not included) to connect the unit and TV/Monitor.
3. Use the AC adapter (included) to connect a suitable wall outlet. The supplied 9V adapter operates on AC 100-120V ~ 50/60Hz.
4. Turn on your TV and follow the instructions included with it to select the "AV IN" function.



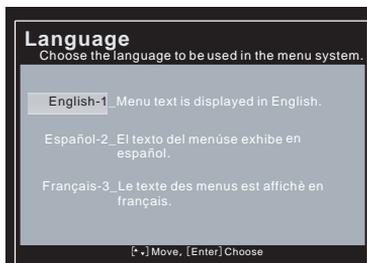
# QUICK START GUIDE

## STEP 2: TURNING ON THE UNIT

1. While the AC adapter is connected and the unit is in standby mode, power will be consumed and the power indicator is RED.
2. Press the **⏻** **STANDBY/ON** button to turn on the unit. The power indicator is GREEN.

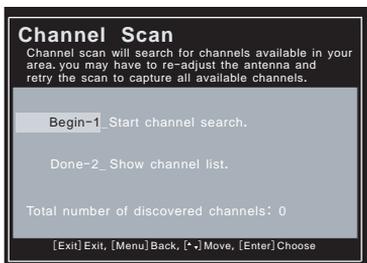
## STEP 3: SETTING THE OSD LANGUAGE

1. The right screen can be seen on your TV when the correct channel is chosen.
2. If you can't see the right screen on your TV set, please check: if the converter box has been turned on or if you have correctly connected the TV set with the Converter Box.
3. Use the **▲** / **▼** button then press the **ENTER** button, or press **1** (for English), **2** (for Spanish) or **3** (for French) to select the menu language.



## STEP 4: SEARCHING FOR CHANNELS AUTOMATICALLY

1. Press **1** button on the remote control to start automatic channel search.
2. When the scan finishes, the Channel List menu displays the found channels.



## STEP 5: VIEWING THE TV CHANNEL

There are two methods to view your desired channel.

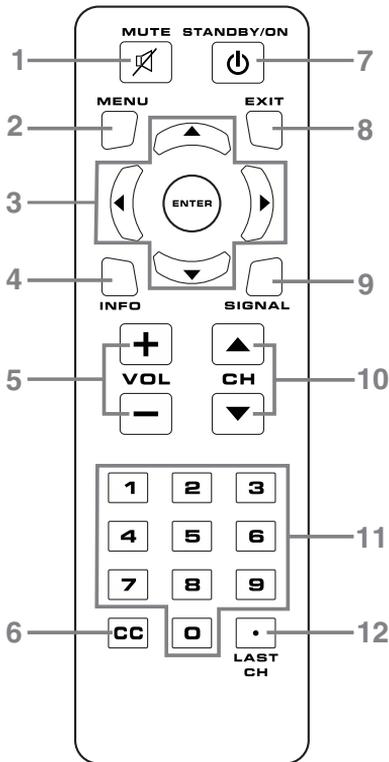
**Method 1:** The Channel List shows after scanning, press **▲** / **▼** button to highlight a channel and press **ENTER** to start viewing.

**Method 2:** Press the **CH+/CH-** buttons to select a channel, or press the number button on the remote to select the channel you want to watch.

**Please read the Instruction Manual for further details on using the Converter Box.**

# CONTROL REFERENCE GUIDE

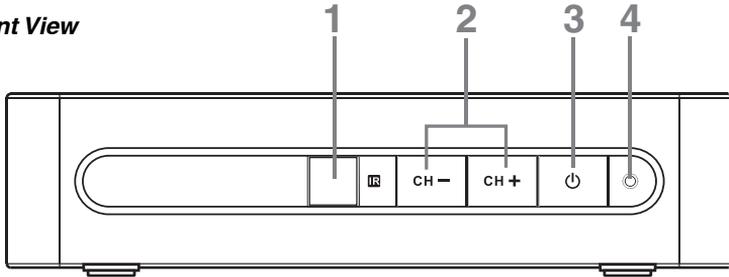
## Remote Control



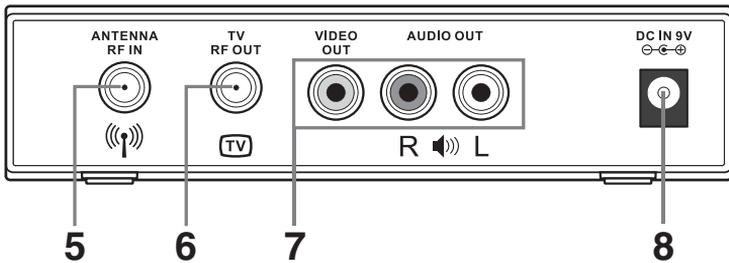
- 1) **MUTE Button**  
Press to turn off the sound.
  - 2) **MENU Button**  
Press to display the on-screen menu or switch back to the previous menu screen.
  - 3) **CURSOR (▲, ▼, ◀, ▶) Buttons**  
Use to highlight selections on a menu screen and adjust certain settings.
  - 4) **ENTER Button**  
Confirm selection on a menu screen.
  - 5) **INFO Button**  
Press to display information on the current channel.
  - 6) **VOL + / VOL - Button**  
Press to increase/decrease the volume.
  - 7) **CC Button**  
Press to change the Closed Caption appearance. This function only works on programs broadcasted with captions.
  - 8) **STANDBY/ON Button**  
Press to turn ON the unit or put it in STANDBY (OFF) mode.
  - 9) **EXIT Button**  
Press to exit from the on-screen menu or a pop-up display.
  - 10) **SIGNAL Button**  
Press to display TV signal quality.
  - 11) **CH ▲ / CH ▼ Buttons**  
Press to select the channel upward or downward.
  - 12) **NUMERIC Buttons**  
Press to enter numbers or go directly to a specific channel.
  - 12) **LAST CH**  
Press to switch repeatedly between the last two channels displayed.
- **[dot] Button**  
Press to enter digital sub-channels with the numeric buttons (i.e. 11.3 or 12.7).

# CONTROL REFERENCE GUIDE

**Front View**



**Back View**



- |  |  |
|--|--|
| <p>1) <b>Remote Sensor</b><br/>Receives infrared signals from the remote control.</p> <p>2) <b>CH-/CH+ Buttons</b><br/>Press to select the channel upward or downward.</p> <p>3) <b>⏻ Button</b><br/>Turns the power on or restores the unit to the standby mode.</p> <p>4) <b>STANDBY/ON Indicator</b><br/>Green: power on<br/>Red: standby mode</p> <p>5) <b>ANTENNA RF IN Terminal</b><br/>Connect the AIR antenna.</p> | <p>6) <b>TV RF OUT Terminal</b><br/>Use to connect your TV using a coaxial cable. When this Converter Box is powered on, analog RF signals output from the TV RF OUT terminal.<br/>When this Converter Box is in standby mode, analog RF TV signals pass through the box and output from the TV RF OUT terminal.</p> <p>7) <b>AUDIO OUT / VIDEO OUT Jacks</b><br/>Outputs audio/video signals to a connected TV.</p> <p>8) <b>DC IN 9V Jack</b><br/>Connect the supplied AC adapter.</p> |
|--|--|

# CONNECTIONS

When this converter box is powered on, digital signals from the ANTENNA RF IN jack are converted to analog signals and output from the TV RF OUT jack or the VIDEO OUT jack.

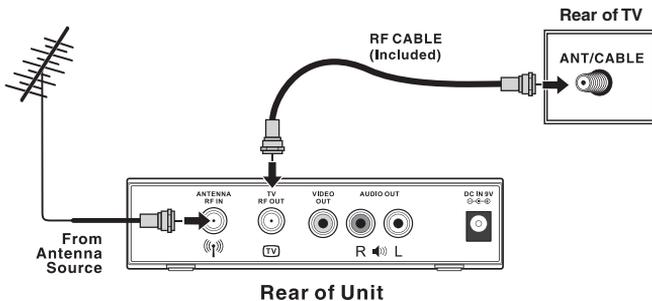
When this converter box is in standby state, analog RF TV signals pass through the box and output from the TV RF OUT jack.

## Connecting a TV (Using the RF Cable)

1. Connect an antenna cable to the **RF IN** terminal on the rear of the unit.
2. Use the RF cable (included) to connect the unit and TV/Monitor as shown.
3. Turn on your TV and switch TV's channel selection to CH3.

### Note:

- If a local TV Station happens to broadcast on CH3, we recommend you switch the unit's CH3/4 Output to CH4 (and switch TV to CH4), following the instructions on Page 12.

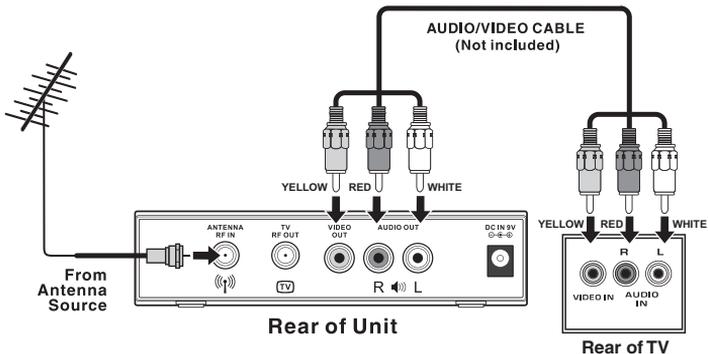


## Connecting a TV (Using the AV Cable)

1. Connect an antenna cable to the **RF IN** terminal on the rear of the unit.
2. Use the AV Cable (not included) to connect the unit and TV/Monitor as shown.

### Note:

Make sure to turn on your TV and follow the instructions included with it to select the "AV IN" function.

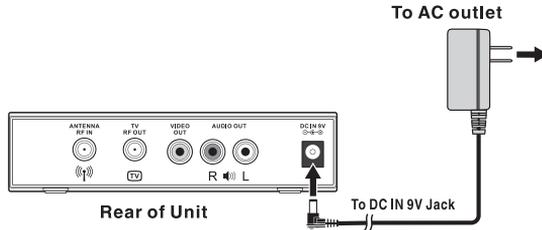


# POWER SUPPLY

## **Using the AC Adapter**

The supplied 9V adapter operates on AC 100-120V ~ 50/60Hz.

While the AC adapter is connected and the unit is in standby mode, power will be consumed and the power indicator is RED.



### **Cautions:**

- The AC adapter included with this unit is for its use only. Do not use it with other equipment.
- When the unit is not going to be used for a long period of time, disconnect the AC adapter from the AC power outlet.
- When the AC adapter is plugged in, the apparatus is not completely disconnected from the main power supply, even when the power is turned off.

## **Turning on the Unit**

Press the **STANDBY/ON** button to turn on the unit. The power indicator is GREEN.

## **Dolby Digital**

Manufactured under license from Dolby Laboratories.  
“Dolby” and the double-D symbol are trademarks of Dolby Laboratories.



# BASIC OPERATION

## ***Searching for Channels Automatically***

1. Press the **MENU** button on the remote control.
2. Use the **▲ / ▼** buttons then press **ENTER** button or press **5** button to select the **Settings** menu.
3. Use the **▲ / ▼** buttons then press **ENTER** button or press **1** button to select **Channel Scan**.
4. Repeat the similar operation to start scanning (Begin / Scan Add).

### **Note:**

- The unit **MUST** be connected to an antenna in order to receive digital TV signals.
- If you wish to stop scanning in the middle of the scanning process, press the **MENU** button to cancel scan or the **EXIT** button to exit.

## ***Viewing the TV Channel***

Choose one of the below methods to view a television station.

**Method 1:** Select Channel List on the menu, press **▲ / ▼** button to highlight a channel and press **ENTER** to start viewing.

**Method 2:** Press the **CH+ / CH -** buttons to select a channel, or press the number button on the remote to select channel you want to watch.

## ***Adjusting the Volume***

You can control the TV volume using the buttons on the remote control.

### **VOL - / VOL + Buttons**

Using these buttons to increase or decrease the volume.

### **MUTE Button**

This button is used to mute the sound of the unit. No audio will be heard once this button is pressed.

To cancel the mute action, press the ** MUTE** button again.

## ***Viewing the Information***

You can view information of the current TV program by pressing the **INFO** button on the remote control.

### **The INFO shows:**

Press the **INFO** button, it shows:

- The channel number and the channel name
- Program hours
- Signal level
- Current time and date
- Program rating

Press the **INFO** button again, it will show more corresponding description for current program.

### **To hide INFO:**

Press the **INFO** button again.

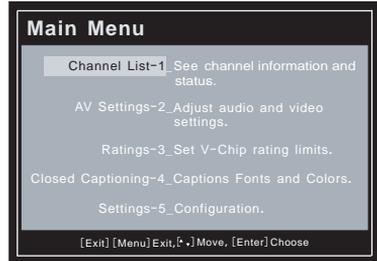
## ***Viewing Signal***

To view the signal quality, press the **SIGNAL** button on the remote control. A beep sound will be heard.

## ON-SCREEN MENU SETTINGS

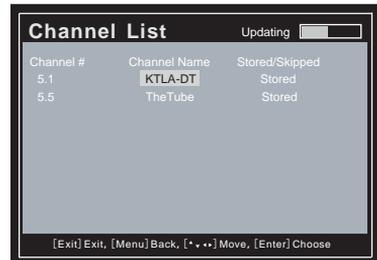
Use the menu configuration to set detailed options for each function. Press the **MENU** button on the remote control to open the menu screen.

- Press the number keys on the remote control to access the corresponding menu item directly.
- To return to the previous menu, press the **MENU** button on the remote control.
- To exit the menu screen, press the **EXIT** button on the remote control.



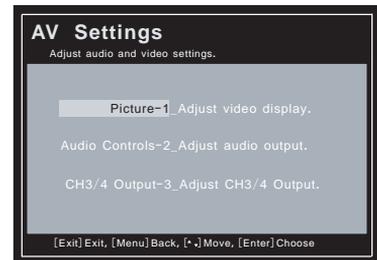
## CHANNEL LIST

- List the available TV channels and the programs playing on each channel.
- To change channels, select a channel number and press **ENTER**.
- To skip a channel when pressing the CH+/- button, select "**Stored**" next to the channel name and then press **ENTER**. The status changes to "Skipped".



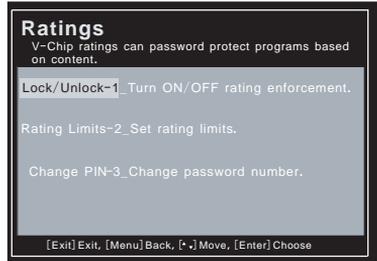
## AV SETTINGS

- Change the video display, sound output formats and select NTSC RF output channel.
- Press **1** for Picture, **2** for Audio Controls or **3** for CH 3/4 Output.
- **Picture**: Press **1** for Widescreen or **2** for Fullscreen.
- **Audio Controls**: Press **1** for Stereo, or **2** for Alternate Audio (for bilingual programs). When Alternate Audio is selected, press **ENTER** on the remote control to switch between main and alternate languages while watching TV.
- **CH 3/4 Output**: Switch to RF CH3 or CH4 output. Press **1** for CH3, or **2** for CH4.



# RATINGS

- This feature enables you to restrict access to certain TV programs whose content may be deemed unsuitable for your children. Viewing is restricted unless the password (initial default password: 0000) that you have chosen is entered. Password is also required before entering the rating menu.
- Three sub-menus are available.



- **Press 1 for Lock/Unlock**

To activate or deactivate the rating feature.

- Lock/Unlock: Press **1** to select OFF (to deactivate the rating feature, even if you have defined certain settings in the Rating Limits menu) or press **2** to select ON (to activate the rating feature) or press **3** to select ON/Enable (to activate the rating feature and enable downloadable ratings).

- **Press 2 for Rating Limits**

- Rating Limits: Press **1** for TV Shows, press **2** for Movies, press **3** for Custom (only available when ON/Enable is selected in Lock/Unlock menu).

**TV Shows:** To change the TV parental ratings by pressing **ENTER** against desired rating level. A padlock icon tells you whether or not a rating level is locked.

- In the below example, all TV programs rated above TV-PG require the password for viewing.

<input type="checkbox"/> TV-Y	
<input type="checkbox"/> TV-Y7	<input type="checkbox"/> FV
<input type="checkbox"/> TV-G	
<input type="checkbox"/> TV-PG	<input type="checkbox"/> D <input type="checkbox"/> L <input type="checkbox"/> S <input type="checkbox"/> V
<input type="checkbox"/> TV-14	<input type="checkbox"/> D <input type="checkbox"/> L <input type="checkbox"/> S <input type="checkbox"/> V
<input type="checkbox"/> TV-MA	<input type="checkbox"/> L <input type="checkbox"/> S <input type="checkbox"/> V

**Movies:** To change the movie parental ratings by pressing **ENTER** against desired rating level. A padlock icon tells you whether or not a rating level is locked.

- In the below example, all movies rated PG or above require the password for viewing.

<input type="checkbox"/>	G
<input type="checkbox"/>	PG
<input type="checkbox"/>	PG-13
<input type="checkbox"/>	R
<input type="checkbox"/>	NC-17
<input type="checkbox"/>	X
<input type="checkbox"/>	NR

Custom: To select downloaded rating.

Note: Rating Region Table (RRT) options are different according to the current program.

# RATINGS

- **Press 3 for Change PIN**

To change the password for ratings.

The initial default password is "0000", you can change it and create your own password to activate the rating settings.

**NOTE 1:** Remember your password, If you have changed it.

If you forget the password, enter "8888" to unlock parental control.

**NOTE 2:** After the rating settings are done, don't forget to activate them by selecting ON in the Lock/Unlock menu.

Parental Controls, popularly known as the "V-Chip," depend on information sent by broadcasters about specific programs. Two ratings systems are available for you to use to screen inappropriate content for your family.

TV shows can be rated by broadcasters based on the following Age and Content-based Guidelines:

- **TV-Y** (All Children – This program is designed to be appropriate for all children.)
- **TV-Y7** (Directed to Older Children – This program is designed for children age 7 and above.) The program may contain fantasy violence (FV).
- **TV-G** (General Audience – Most parents would find this program suitable for all ages.)
- **TV-PG** (Parental Guidance Suggested – This program contains material that parents may find unsuitable for younger children.) The program may contain one or more of the following: moderate violence (V), some sexual situations (S), infrequent coarse language (L), or some suggestive dialogue (D).
- **TV-14** (Parents Strongly Cautioned – This program contains some material that many parents would find unsuitable for children under 14 years of age.) Parents are strongly urged to exercise greater care in monitoring this program and are cautioned against letting children under the age of 14 watch unattended. This program contains one or more of the following: intense violence (V), intense sexual situations (S), strong coarse language (L), or intensely suggestive dialogue (D).
- **TV-MA** (Mature Audience Only – This program is designed to be viewed by adults and therefore may be unsuitable for children under 17.) This program contains one or more of the following: graphic violence (V), explicit sexual activity (S), or crude indecent language (L).

Some programmers use the Movie Ratings (MPAA)

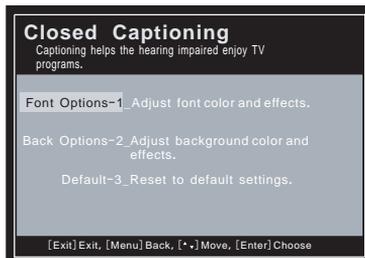
System to rate TV shows on the same scale as motion pictures:

- A **G**-rated motion picture contains nothing in theme, language, nudity, sex, violence or other matters that would offend parents whose younger children view the motion picture.
- A **PG**-rated motion picture should be investigated by parents before they let younger children attend.
- A **PG-13** rating is a sterner warning to parents to determine whether their children under age should view the motion picture, as some material might not be suited for them.
- An **R**-rated motion picture contains some adult material.
- An **NC-17** rated motion picture is one that most parents would consider too adult for their children.
- An **X** rated motion picture is only for adults.
- An **NR** rated motion picture is not rated by the MPAA.

For more information about TV ratings, visit: [www.PauseParentPlay.org](http://www.PauseParentPlay.org).

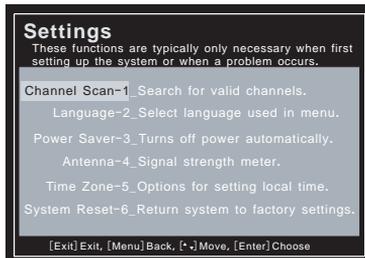
## CLOSED CAPTIONING

- Let you change the closed caption appearance (font, text color, text opacity, background color, background, edge effect and edge color).
- Press **1** (Font Options) to change font color and effects, **2** (Back Options) to change background color and effects or **3** (Default) to reset to default settings.
- Only digital closed captions can be changed.
- For more information, see "Advantages of closed captioning on the Converter Box" on Page 17.



## SETTINGS

- **Six sub-menus are available.**
- **Press 1 for Channel Scan**
  - To start automatic channel scan.
  - To scan more channels (Scan Add) after adjusting your antenna.
  - Enable the "Scan Add" option if you only want to scan more channels with keeping existing channel list.
- **Press 2 for Language**
  - To select the menu language.
- **Press 3 for Power Saver**
  - An energy saving feature to turn off the converter box automatically after 4 (default), 8 or 12 hours according to your selection. Select OFF to de-activate this feature.
  - The timer is only active when the converter box remains idle (i.e. no key activation). Once any "Box" key is pressed, the timer will be reset.
  - If you have set up timer recordings for TV programs, make sure the converter box will not turn off automatically before the recordings finish.
- **Press 4 for Antenna**
  - To show the signal strength for receiving broadcast from a TV station. If signal is weak, you may need to adjust the antenna.
- **Press 5 for Time Zone**
  - This option is for time-zone identifying local time. You can select the time zone from Automatic Eastern / Central / Mountain / Pacific / DST.
- **Press 6 for System Reset**
  - To restore all settings to factory defaults.

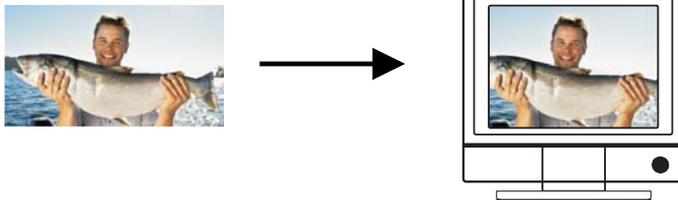


## DISPLAY 16:9 CONTENTS

When receiving a 16:9 digital broadcast signal, the Digital TV Converter will convert the 16:9 picture to fit a 4:3 TV screen. Use the "Picture" setting to select between two conversion modes.

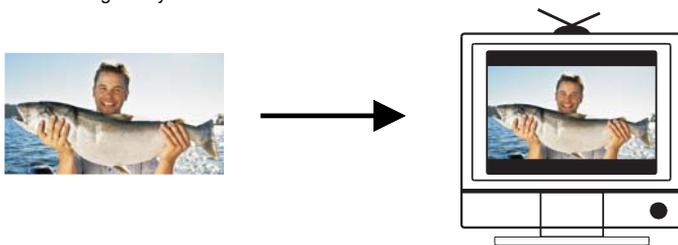
### Fullscreen Mode (Default)

This mode uses the entire screen of your TV, but the left and right end of the picture will be removed.



### Widescreen Mode

The entire picture will be displayed on your TV, but there will be unused areas (black bars) along the top and bottom edges of your TV screen.



### Using a 16:9 TV with the digital TV Converter

It is recommended that you use the widescreen option to avoid cropping the picture. Most 16:9 TVs offer various modes for displaying 4:3 pictures, experiment to find the best setting.

### To select the Fullscreen or Widescreen modes

1. Press Menu on the remote control.
2. Select "AV Settings".
3. Select "Picture".

## WATCHING NON-DIGITAL TV

To continue to view non-digital TV broadcasts, if available, press the BOX on your remote to place the Converter Box in standby mode (red light), then you can tune your TV to any available non-digital channels (refer to your TV controls).

You must have the RF coaxial cable connected to your TV input, in order to watch non-digital TV broadcasts.

# CLOSED CAPTIONING ON THE CONVERTER BOX

Closed captions allow people who are deaf or hard of hearing to enjoy TV programming. Captions are also a helpful tool for those learning English or watching TV in a noisy environment.

The Converter Box provides two ways for you to view captions. You should choose one method or the other.

## Method 1

First, you can continue receiving standard TV captions (basic white text on a black background) through your analog TV set. The Converter Box will automatically send the closed-captioning information to your television for the TV to decode and display. All you need to do is turn on the closed captioning function on your TV as you always have (if your TV has this capability, as newer TV sets do.)

## Method 2

Alternatively, the Converter Box can be used to decode captions and display them on your TV screen. If you use this method, you will be able to enjoy the enhancements made possible by digital technology.

To use the converter box to display closed captions:

1. Turn OFF your television's closed-caption decoder.
  2. Turn on the Converter Box's captioning decoder by pressing the CC button at the lower left-hand side of the remote control.
- When you use the converter box to display closed captions in this way, you can choose different types (languages) of captions, depending on what information broadcasters are sending.

## Advantages of closed captioning on the Converter Box

Using the Converter Box to decode captions gives you more choices and more flexibility when viewing captions on digital TV shows. If you choose this method, you can personalize your captions by making the following choices:

- Select different types of fonts.
- Choose between eight background colors and foreground colors for the captioning text (white, black, red, green, blue, yellow, magenta, and cyan).
- Make the caption background transparent, translucent, solid, or flashing.
- Set edges of font characters with raised edges, depressed edges, uniform edges, left shadow or right shadow.

Each of these enhancements to standard digital captions can be accessed from the main menu of the Converter Box by pressing the **MENU** button.

To use Closed Captioning, please first try turning ON Closed Captioning feature on your TV (this setting can normally be found in TV's setup menu). If not satisfied with the results, try turning OFF Closed Captioning feature on your TV, and turning ON Closed Captioning feature on your Converter Box.

Note: DO NOT enable closed captions on both TV and the converter box. Otherwise, both captions will be overlapped.

# MAINTENANCE

## *Cleaning the Unit*

- Be sure to turn the unit off and disconnect the AC adapter before maintaining the unit.
- Wipe the unit with a dry soft cloth. If the surfaces are extremely dirty, wipe clean with a cloth that has been dipped in a weak soap-and-water solution and wrung out thoroughly. Wipe with a dry cloth.
- Never use alcohol, benzene, thinner, cleaning fluid or other chemicals. Do NOT use compressed air to remove dust.

# TROUBLESHOOTING GUIDE

## **SYMPTOM**

## **CAUSE (AND REMEDY)**

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Unit does not work.	<ul style="list-style-type: none"><li>• Unplug the AC power cord and plug it back in.</li></ul>
No picture on the TV screen.	<ul style="list-style-type: none"><li>• Make sure the converter box is turning on.</li><li>• Make sure the connections between the converter box and TV are properly done.</li><li>• Choose different channels or video inputs on the TV set until the picture appears.</li></ul>
No sound.	<ul style="list-style-type: none"><li>• Make sure the connections between the converter box and TV are properly done.</li><li>• Make sure the TV sound is not muted.</li></ul>
Remote control does not work.	<ul style="list-style-type: none"><li>• Make sure the batteries are inserted correctly.</li><li>• Replace the batteries if they are exhausted.</li><li>• Remove any obstacles between the remote control and the converter box.</li></ul>
Can not watch a bilingual TV program in its secondary language.	<ul style="list-style-type: none"><li>• Make sure you have correctly selected the audio settings. Refer to AV settings in the main menu.</li></ul>
Forgot password.	<ul style="list-style-type: none"><li>• Choose "Ratings" in the main menu and input the master password "8888". Create a new password. (The master password cannot be used to unlock programs for viewing.)</li></ul>
The Converter Box has turned off suddenly.	<ul style="list-style-type: none"><li>• Check if Power Saver timer is activated in the main menu. It is set to 4 hours by default.</li></ul>
Weak signal or channel not available.	<ul style="list-style-type: none"><li>• Try to reposition the antenna.</li></ul>
TV can not receive analog channels.	<ul style="list-style-type: none"><li>• Turn off the converter box (pass through mode) and confirm cables are connecting correctly.</li></ul>

**Specifications and external appearance are subject to change without notice.**

# LIMITED WARRANTY

**AVC MULTIMEDIA ("AVC")** makes the following limited warranty. This limited warranty extends to the original consumer purchaser and is limited to non-commercial use of the product.

## One Year Parts & Labor Warranty

**AVC** products purchased in the United States are warranted to be free from defects in materials or workmanship for a period of one year from the date of their original retail purchase. If the unit fails to conform to this warranty, we will service the product using new or refurbished parts and products, at **AVC's** sole discretion.

During a period of one year from the effective warranty date, **AVC** will provide, when needed, service labor to repair a manufacturing defect at its designated Service Center. To obtain warranty service in the United States, you must first call our **Customer Support Center at 1-800-506-5746 or 1-877-252-6873, during the hours listed in the box below.** The determination of service will be made by AVC Customer Support. **PLEASE DO NOT RETURN YOUR UNIT TO AVC WITHOUT PRIOR AUTHORIZATION.** New or remanufactured replacements for defective parts or products will be used for repairs by AVC at its designated Service Center for one year from the effective warranty date. Such replacement parts or products are warranted for an additional one year from the date of repair or replacement. The Customer will be required to ship the unit to the Service Center indicated at the time Customer Support is contacted to make the necessary repairs. The customer is responsible for all transportation charges to the service facility.

## Packaging and Shipping Instruction

When you send the product to the **AVC** service facility you must use the original carton box and packing material or an equivalent as designated by **AVC**.

## LIMITED WARRANTY

### Your Responsibility

- (1) You must retain the original sale receipt to provide proof of purchase.
- (2) These warranties are effective only if the product is purchased and operated in the U.S.A. or Canada.
- (3) Warranties extend only to defects in material or workmanship, and do not extend to any product or parts which have been lost or discarded, or damage to product or parts caused by misuse, accident, improper operation or maintenance, or use in violation of instructions provided with the product, or to product which has been altered or modified without authorization of **AVC**, or to products or parts thereof which have had the serial number removed or changed.

### Out of Warranty

In the event your product requires repair after the limited warranty period has expired, please contact our Customer Support Center at **1-800-506-5746, 1-877-252-6873 or [www.RCAav.com](http://www.RCAav.com)**  
**Hours: Monday-Thursday: 9am-7pm, Friday: 9am-5pm, Saturday: 9am-NOON Eastern time.**  
**Important:** You are responsible for any transportation, shipping or insurance relative to the return of product to our Product Returns Center.

All warranties implied by state law, including the implied warranties of merchantability and fitness for a particular purpose, are expressly limited to the duration of the limited warranties set forth above. With the exception of any warranties implied by state law as hereby limited, the foregoing warranty is exclusive and in lieu of all other warranties, guarantees, agreements and similar obligations of manufacturer or seller with respect to the repair or replacement of any parts. In no event shall **AVC** be liable for consequential or incidental damages.

No person, agent, distributor, dealer or company is authorized to change, modify or extend the terms of these warranties in any manner whatsoever. The time within action must be commenced to enforce any obligation of **AVC** arising under the warranty or under any statute, or law of the United States or any state thereof, is hereby limited to one year from the date of purchase. This limitation does not apply to implied warranties arising under state law.

This warranty gives you specific legal rights and you may also have other rights, which may vary, from state to state. Some states do not allow limitation on how long an implied warranty lasts, when an action may be brought, or the exclusion or limitation of incidental or consequential damages, so the above provisions may not apply to you.

For more information on other products and services, please visit our web site at **[www.RCAav.com](http://www.RCAav.com)**

**Important:** Also keep your "Bill of Sale" as proof of purchase.

Model no. ....Product name .....  
Type of set .....  
Serial no. ....Invoice no. ....  
Date purchased ..... Dealer name .....

FOR SERVICE AND REPAIR, PLEASE VISIT **[www.RCAav.com](http://www.RCAav.com)**

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