

CRAIG®

**DIGITAL TO ANALOG
BROADCAST CONVERTER
WITH REMOTE CONTROL**

Owner's Manual

PLEASE READ BEFORE OPERATING THIS EQUIPMENT.

Model: CVD506

Maintenance and Care

Caring for the Unit

- “The apparatus shall not be exposed to dripping or splashing” and that no objects filled with liquid shall be placed on the unit.
- If anything falls into the cabinet, unplug the unit and have it checked by qualified personnel before operating it any further.

Cleaning the Unit

- To prevent fire or shock hazard, disconnect your unit from the AC power source when cleaning.
- The finish on your unit may be cleaned with a dust cloth and cared for as other furniture. Use caution when cleaning and wiping the plastic parts.
- Mild soap and a damp cloth may be used on the front panel.

Inclination

- Do not install the unit in an inclined position. It is designed to be operated in a horizontal position only.

Avoid Interference

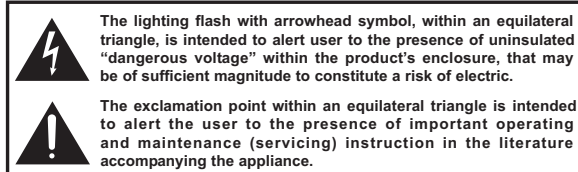
- When you place this unit near TV, radio or VCR, the picture may become poor and the sound may be distorted. In this case, move the unit away from the TV, radio or VCR.

Disconnect Power

- If you are not going to use the unit for a long time, be sure to disconnect the unit from the wall outlet. To disconnect the AC power cord (main leads), grasp the plug itself, never pull the cord.

IMPORTANT SAFETY INSTRUCTIONS

Warning: To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture. Dangerous high voltages are present inside the enclosure. Do not open the cabinet, refer servicing to qualified personnel only.



- The caution marking is located on bottom of product.
- The marking plate is located on bottom of product.

Notes:

- Periodically inspect for damage.
- Adult supervision recommended.

CAUTION:
PLEASE READ AND OBSERVE ALL WARNINGS AND INSTRUCTIONS GIVEN IN THIS OWNER'S MANUAL AND THOSE MARKED ON THE UNIT, KEEP THESE INSTRUCTIONS. RETAIN THIS BOOKLET FOR FUTURE REFERENCE.

This set has been designed and manufactured to assure personal safety. Improper use can result in electric shock or fire hazard. The safeguards incorporated in this unit will protect you if you observe the following procedures for installation, use and servicing. This unit does not contain any parts that can be repaired by the user.

Before using the unit, be sure to read all operating instructions carefully. Please note that these are general precautions and may not pertain to your unit. For example, this unit may not have the capability to be connected to an outdoor antenna.

1. Read these instructions

All the safety and operating instructions should be read before the product is operated.

2. Keep these instructions

The safety and operating instructions should be retained for future reference.

3. Heed all warning

All warnings on the product and in the operating instructions should be adhered to.

4. Follow all instructions

All operating and use instructions should be followed.

5. Do not use this apparatus near water

Do not use this product near water and moisture, for example: near a bathtub, washbowl, kitchen sink, or laundry tub; in a wet basement; or near a swimming pool.

6. Clean only with dry cloth

Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a dry cloth for cleaning.

7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.

Slots and openings in the cabinet and in the back or bottom are provided for ventilation, to ensure reliable operation of the product and to protect it from overheating. These openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug or other similar surface.

This product should never be placed near or over a radiator or heat source. This product should not be placed in built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instructions have been adhered to.

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 are provided for your safety. if the provided plug does not fit into your 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 the 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.



Portable Cart Warning

An appliance and cart combination should be moved with care. Quick stops, excessive force and uneven surfaces may cause the appliance and cart combination to overturn.

13. Unplug this apparatus during lightning storms or when unused for long periods of time. To protect your product from a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the product due to lightning and power-line surges.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been 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.
15. Power Source The product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your appliance dealer or local power company. For products intended to operate from battery power, or other sources, refer to the operating instructions.

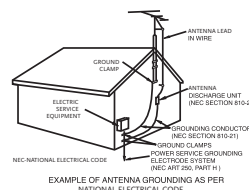
16. Power lines An outside antenna system should not be located in the vicinity of overhead power lines or other electric

light or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal.

17. Overloading Do not overload wall outlets and extension cords as this can result in a risk of fire or electric shock.
18. Object and liquid entry Never push objects of any kind into this product through as they may touch dangerous voltage points or short out parts that could result in fire or electric shock. Never spill or spray any type of liquid on the product.

19. Outdoor antenna grounding

If an outside antenna is connected to the product, be sure the antenna system is grounded so as to provide some protection against voltage surges and built up static charges.



Section 810 of the National Electrical Code, ANSI/NFPA 70, provides information with respect to proper to grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge product, size of grounding conductors, location of antenna discharge product, connection to grounding electrodes and requirements for the grounding electrodes.

20. Service Do not attempt to service this product yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.
21. Replacement parts When replacement parts are required, be sure the service technician uses replacement parts specified by the manufacturer or those that have the same characteristics as the original part. Unauthorized substitutions may result in fire or electric shock or other hazards.
22. Safety check Upon completion of any service or repairs to this product, ask the service technician to perform safety checks to determine that the product is in proper operating condition.
23. Wall or ceiling mounting The product should be mounted to a wall or ceiling only as recommended by the manufacturer.
24. Damage requiring service Unplug the product from the wall outlet and refer servicing 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 instructions.

Adjust only those controls that are covered by the operating instructions, as an adjustment of other controls may result in damage and will require extensive work by a qualified technician to restore in the product to its normal operation.

- e. If the product has been dropped or the cabinet has been damaged.
- f. When the product exhibits a distinct change in performance – this indicates a need for service.

25. Note to CATV system installer

This reminder is provided to call the CATV system installer's attention to Article 820-40 of the NEC that provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry as practical.

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.

In accordance with FCC requirements, changes or modifications not expressly approved by CRAIG Electronics International Ltd. could void the user's authority to operate this product. This device generates and uses radio frequency (RF) energy, and if not installed and used properly, this equipment may cause interference to radio and television reception. If this equipment does cause interference to radio or television reception (which you can determine by unplugging the unit), try to correct the interference by one or more of the following measures:

- Re-orient the receiving antenna (that is, the antenna for the radio or television that is "receiving" the interference).
- Move the unit away from the equipment that is receiving interference.
- Plug the unit into a different wall outlet so that the unit and the equipment receiving interference are on different branch circuits.

If these measures do not eliminate the interference, please consult your dealer or an experienced radio/television technician for additional suggestions.

Ventilation

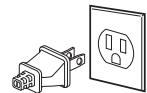
You must adequately ventilate the product. Make sure there is adequate space around the unit to provide proper air flow for ventilation.



This symbol indicates that this product incorporates double insulation between the hazardous mains voltage and user accessible parts.

For your safety

Insert the AC plug (with the 2 blades) into a conveniently located AC outlet having AC~ 120V, 60Hz. The AC plug supplied with the unit is polarized to help minimize the possibility of electric shock. If the AC plug does not fit into a nonpolarized AC outlet, do not file or cut the wide blade. It is the user's responsibility to have an electrician replace the obsolete outlet.



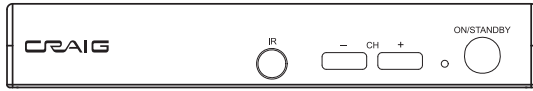
Removing the power plug is the only way to completely remove power from your product. Make sure the power plug remains easily accessible.

Contents

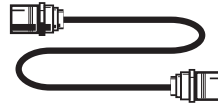
Box contents	5
Setting up	5
Step 1: Installation	
Step 2: Connections	
Step 3: Initial setup of the Converter Box	
Step 4: Analog RF loopthrough	
General controls	8
Closed captioning on the Converter Box	9
Advantages of closed captioning on the Converter Box	
Menu settings.....	10
More information	14
Troubleshooting tips	
Customer service and technical support	
Technical specifications	
Limited Warranty	15

Box contents

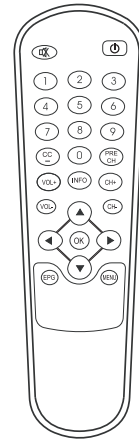
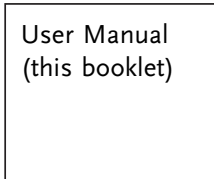
The following items are included:



CRAIG Digital TV Converter Box



RF coaxial cable

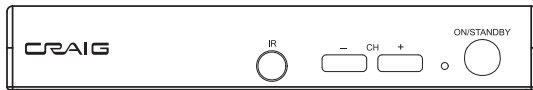


Remote control
(with 2 "AAA" batteries)

Setting up

Step 1: Installation

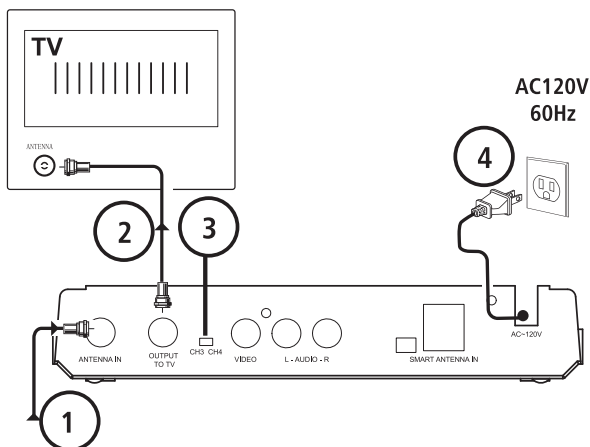
The Converter Box Should be installed horizontally.



- * The unit has a default power saving of 4 hours. To change the setting follow instructions in section "Menu Settings".

Step 2: Connections

1: Your TV has an antenna jack only

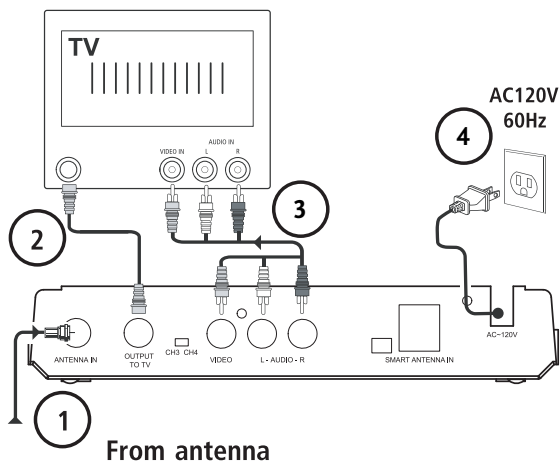


From antenna

- 1 Connect your existing antenna cable to the **ANTENNA IN** jack of the Converter Box.
- 2 Connect the supplied RF coaxial cable from the **OUTPUT TO TV** jack of the Converter Box to the **ANTENNA** jack of the TV set.
- 3 Slide the **CH3/CH4** selector on the back of the Converter Box to the channel that is not in use in your area. The Converter Box will send its video signal to Channel 3 or 4 on your TV.
- 4 Connect the AC power cable of the Converter Box to a suitable wall outlet.

Note: In this settings, Set your TV to TV mode as usual to watching the converted DTV (ATSC) station in CH3 or CH4 and watching the normal TV (NTSC) station as usual. To watching normal TV station. Make sure the Converter Box is in power off/standby mode.)

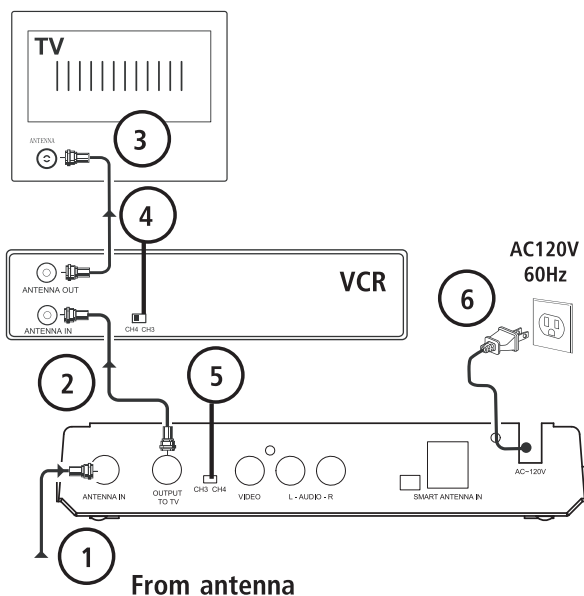
2: Your TV has **Audio/Video** jacks (red, white & yellow connectors)



- 1 Connect your existing antenna cable to the **ANTENNA IN** jack of the Converter Box.
 - 2 Connect the supplied RF cable from the **OUTPUT TO TV** jack of the Converter Box to the **ANTENNA** jack of the TV Set.
 - 3 Connect the Audio/Video cables (not supplied) from the **Audio/Video OUT** jacks (yellow, white, red) of the Converter Box to the **Audio/Video IN** jacks on the TV set.
- If there are more than two sets of **Audio/Video** jacks on the TV set, connect only either **AV1** or **AV2** input jacks to those of the Converter Box.
- 4 Connect the AC power cable of the Converter Box to a suitable wall outlet.

Note: In this settings, set your TV to AV mode for watching the converted DTV (ATSC) station. Set your TV to TV mode as usual to watching the normal TV station (NTSC).

3: You also need to connect your VCR




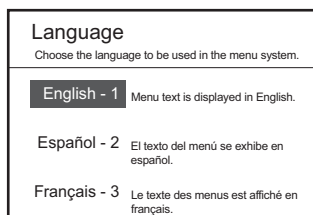
- 1 Connect your existing antenna cable to the **ANTENNA IN** jack of the Converter Box.
- 2 Connect the supplied RF coaxial cable from the **OUTPUT TO TV** jack of the Converter Box to the **ANTENNA IN** jack of the VCR.
- 3 Connect the another RF coaxial cable(not included, you may used the one supplied from the VCR you are using) from the **ANTENNA OUT** jack of the VCR to the **ANTENNA IN** jack of the TV set.
- 4 Slide the **CH3/CH4** selector on the back of the VCR to CH3 or CH4 as desire. The VCR will send its video signal to Channel 3 or 4 on your TV.
- 5 Slide the **CH3/CH4** selector on the back of the Converter Box to the channel that the VCR is not using; e.g., if you set the VCR selector to CH3, slide the Converter Box selector to CH4.
- 6 Connect the AC power cable of the Converter Box to a suitable wall outlet.

The SMART ANTENNA IN jacks let you connect a Smart Antenna(Not included). Refer to the antenna's user manual for proper connection.

* You can also use Audio/Video cables (similar to point 2) if the connection jacks are available on the VCR and TV.

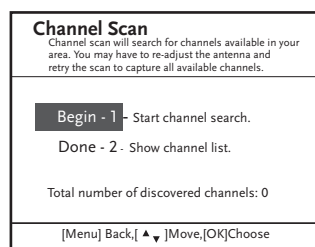
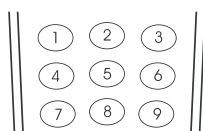
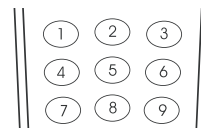
Step 3: Initial setup of the Converter Box

1. Press  on the remote control or unit to turn on the Converter Box.
- The following screen will appear on your TV when the correct channel or AV mode of your TV is chosen.

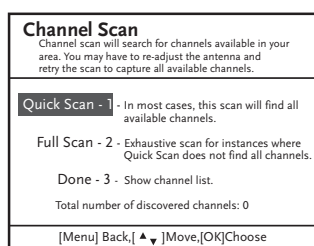


- If you cannot see the above screen on your TV set, check that:
 - 1) Is the converter box has been turned on.
 - 2) Are you connected the TV set with the Converter Box correctly.
 - 3) Is the TV set to receiving Channel 3 or 4 as the settings of the Converter Box.
 - 4) Is the TV set to correct AV1 or AV2 mode if connected the Converter Box to the TV through the AV jacks of the TV.

2. Press 1 (for English), 2 (for Spanish) or 3 (for French) to select the menu language.



3. Press 1 to start automatic channel search.
4. After searching finished, press 2 to show channel list.



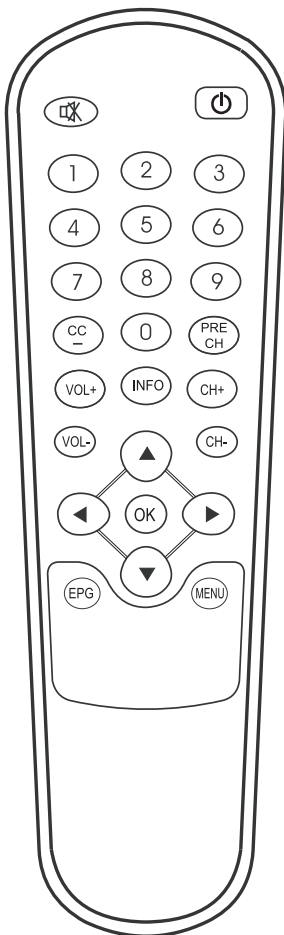
- To improve TV signal reception, an optional Smart Antenna (not included) can be connected to the SMART ANTENNA IN Jack on the rear of unit.
- If a Smart Antenna is connected, about screen will appear on the screen. press 1 for Quick Scan or 2 for Full Scan. A full scan with Smart Antenna may take around 40-50 minutes(Searching time depends on how many stations available in your area).
- Reposition the antenna and perform the automatic channel scan again if you cannot find all available channels.
- When the scan finished, the Channel List menu displays the found channels. Select your desired program then press OK to play.




Step 4 Watching the Normal TV (NTSC) stations

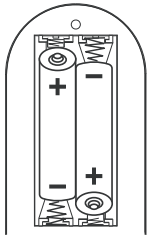
1. To watching the normal TV (NTSC) stations, turn the unit to power OFF/Standby mode by press the power button on the unit or remote control. When the Converter Box in Power Off (Standby) mode. The raw normal analog (NTSC) TV signals will transmit to the TV through the Converter Box. You can watching those normal TV stations as usual.
2. When the Converter Box in Power On mode. Only the converted Digital TV signals can transmit to the TV through the Converter Box.

Warning: If the AC power of the Converter Box Failure, no any TV signals can be received by the TV through the Converter Box.

General controls



1. Turns the converter box on or off/standby ()
2. Navigates through the converter box menus (e.g., to move right, press )
3. Press OK to confirm menu selections
4. Shows or hides channel information (**INFO**)
(it is possible to receive some programs from different time zones, the time information might be wrong in this case)
5. Shows or hides the main menu (**MENU**)
6. Selects the previous or next channel (**CH+,CH-**)
7. Increase or decrease the volume(**VOL+,VOL-**)
8. Selects channels directly by inputting the channel number with the number keys (**0-9**)
9. The number keys (**1-5**) to access functions in the main menu
10. Mute or not mute the audio output()
11. Press (**CC**) to display the digital closed captioning or input a dash (e.g., 12-1) while selecting an ATSC channel with the number keys (0-9).
12. Press **EPG** to view the informations of what's on now and what's on next.
13. Press **PRE CH** to switch to the last view channel.



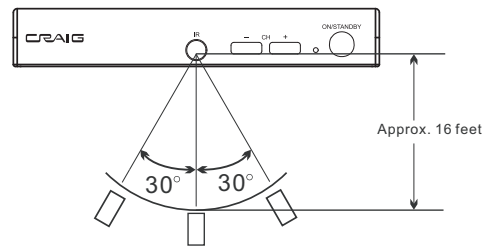
1. Slide the tap and lifting the battery compartment cover.
2. Install two (2) "AAA" batteries to as the polarity diagram in the battery compartment.
3. Close the battery compartment cover.

BATTERY PRECAUTIONS

Follow these precautions when using batteries in this device:

1. Use only the size and type of batteries specified.
2. Be sure to follow the correct polarity when installing the batteries as indicated next to the battery compartment. Reversed batteries may cause damage to the device.
3. Do not mix different types of batteries together (e.g. Alkaline, Rechargeable and Carbon-zinc) or old batteries with fresh ones.
4. If the device is not to be used for a long period of time, remove the batteries to prevent damage or injury from possible battery leakage.
5. Do not try to recharge batteries which not designed to be recharged; they can overheat and rupture. (Follow battery manufacturer's directions.)
6. Do not dispose of batteries in fire, Batteries may explode or leak.
7. Batteries shall not be exposed to excessive heat such as sunshine, fire or something like.

EFFECTIVE DISTANCE OF THE REMOTE CONTROL TRANSMITTER



NOTES:

When there is an obstacle between the unit and the transmitter, the transmitter may not operate.
When direct sunlight, an incandescent lamp, fluorescent lamp or any other strong light shines on the REMOTE SENSOR of the unit, the remote operation may be unstable.

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 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.

- 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

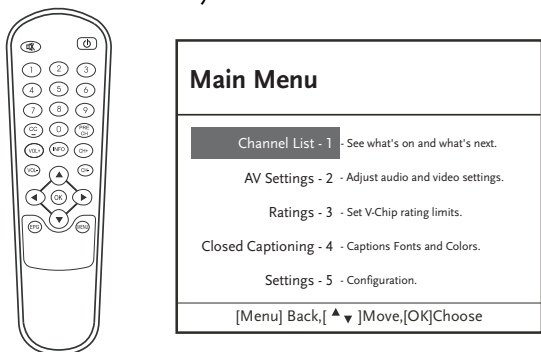
Using the Converter Box to decode captions gives you more choices and more flexibility when viewing captions on digital TV shows. If you choose this method, you can personalize your captions by making the following choices:

- Choose text size for standard, large, and small-sized captions
- 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. Please refer to the next section "Menu settings" for details.

Menu settings

The main menu lets you access more features of the converter box. Press **MENU** to show or hide the menu. When the menu is displayed, press the number keys on the remote control to access the corresponding menu item directly. Press Menu to exit.



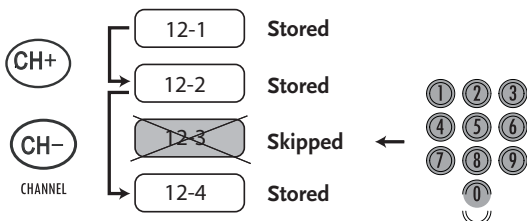
Shortcut keys

1 Shortcut key

Channel List

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

Channel List		
Channel	What's on Now	What's on Next
2-1 KTUV	Stored Current program	Next program
2-2 KTUV	Stored Current program	Next program
4-1 KRON	Stored Current program	Next program



- After first searching, an function name Scan add can be used to searching & stored the addition channels.

Channel Scan	
Channel scan will search for channels available in your area. You may have to re-adjust the antenna and retry the scan to capture all available channels.	
Begin - 1 - Start channel search.	
<input type="checkbox"/>	Scan Add - 2 - When selected keep current channels and scan for additional channels.
Total number of discovered channels: 1	
[Menu] Back,[▲▼]Move,[OK]Choose	

2 Shortcut key

AV Settings

- Change the video display and sound output formats.
- Press 1 for Picture or 2 for Audio Controls.
 - 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 **OK** on the remote control to switch between main and alternate languages while watching TV.

3 Shortcut key

Ratings

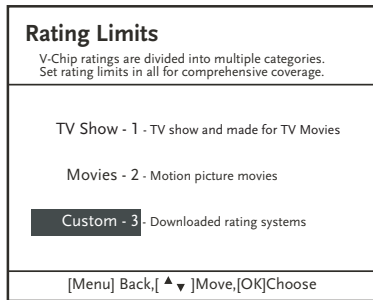
- This feature enables you to restrict access to certain TV programs whose content may be deemed unsuitable for your children. Viewing is restricted unless the password (initial default password: 0000) that you have chosen is entered. Password is also required before entering the rating menu.
- Three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

Ratings	
V-Chip ratings can password protect programs based on content.	
Lock/Unlock - 1 - Turn ON/OFF rating enforcement.	
Rating Limits - 2 - Set rating limits	
Change PIN - 3 - Change password number	
[Menu] Back,[▲▼]Move,[OK]Choose	

- 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).

Menu settings

- 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 OK to set desired rating level. A padlock icon tells you whether or not a rating level is locked.

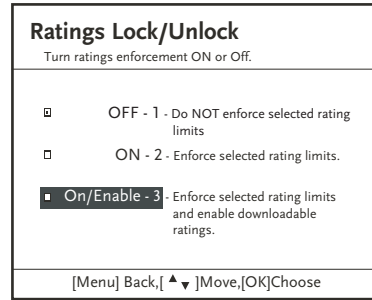
- TV-Y
- TV-Y7 FV
- TV-G
- TV-PG D L S V
- TV-14 D L S V
- TV-MA L S V

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

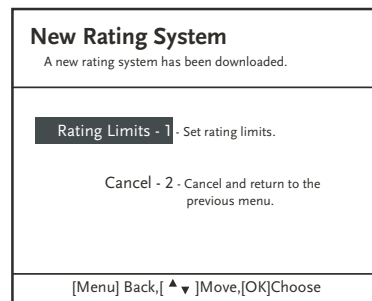
- Movies: To change the movie parental ratings by pressing OK against desired rating level. A padlock icon tells you whether or not a rating level is locked.

- G - 1
- PG - 2
- PG-13 - 3
- R - 4
- NC-17 - 5
- X - 6
- NR - 7

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



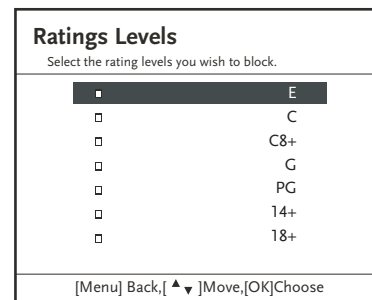
- Press 3 for On/Enable to enforce selected rating limits and enable downloadable ratings.
- Custom: To update the current TV shows and Movies ratings when new releases are available.
- When a new rating system has been downloaded, the below screen will be shown:

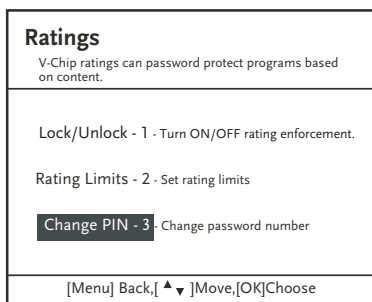


- Select a rating system to set program restrictions.



- Select the rating levels you wish to block.





- Press 3 to Change PIN.
- The initial default password is “0000”. you must change it and create your own password to activate the rating settings
- Input new PIN.
- Enter your new PIN again to verify PIN.

After the rating settings are done, do not forget to activate them by selecting ON in the Lock/Unlock menu. This will active all the TV shows, Movies and downloaded ratings.

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).

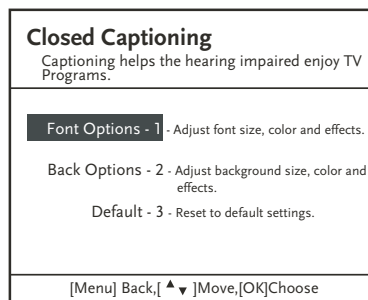
Some programmers use the Movie Ratings (MPAA) System to rate TV shows on the same scale as motion pictures:

- 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 13 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 is explicit sexual content
- An NR rated is that programs not rated by MPAA.

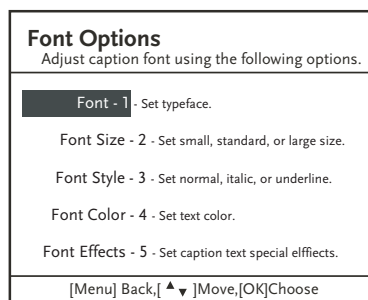
4 Shortcut key

Closed Captioning

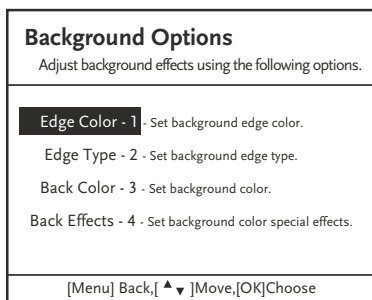
- Press 4 for Closed Captioning. This menu Lets you change the closed caption appearance (font size, font type, font color, font style, text effects, background color, background effects, edge effect and edge color).



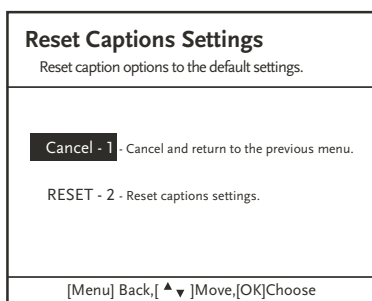
- Press 1 for Font Options, 2 for Back Options, 3 for Default.



- Press 1 to select different types of fonts, 2 to select text size for standard, large or small-sized captions, 3 to select size type for normal, italic or underline. 4 to select font color for white, black, red, green, blue, yellow, magenta, and cyan, 5 to make the caption background transparent, translucent, solid or flashing.



- Press 1 to select background edge color for white, black, red, green, blue, yellow, magenta, and cyan. 2 to set edges of font characters with raised edges, depressed edges, uniform edges, left shadow or right shadow. 3 to select background color for white, black, red, green, blue, yellow, magenta, and cyan. 4 to set the background effects as transparent, translucent, solid or flashing.

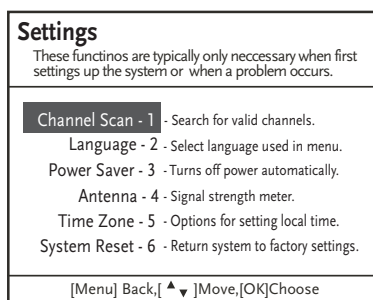


- Press 1 to cancel and return to the previous menu.
- 2 to reset caption options to the default settings.
- Only digital closed captions can be changed.
- For more information, see “Advantages of closed captioning on the Converter Box” (Page 9).

5 Shortcut key

Settings

- Five sub-menus are available:



- Press 1 for Channel Scan
 - To start automatic channel scan.
- Press 2 for Language
 - To select the menu language.

- Press 3 for Power Saver
 - An energy saving feature to switch the converter box to Power Off/Standby mode automatically after 4 (default), 8 or 12 hours according to your selection. Select OFF to de-activate this feature.
- Press 4 for Antenna
 - To show the signal level of the receiving TV signal. If signal is weak, you may need to reposition the antenna.
- Press 5 for Time Zone
 - Press number key to select time zone in your area to show the correct time in the TV screen.
 - If Daylight Savings Time is activate. Turn on the DST by press 6 too.
- Press 6 for System Reset
 - To restore all settings to factory defaults.

More Information

Troubleshooting tips

Unit does not work.

- Unplug the AC power cord and plug it back in.

No picture on the TV screen.

- Make sure the converter box is turned on.
- Make sure the connections between the converter box and TV are properly done.
- Choose different channels or video inputs on the TV set until the picture appears.

No sound.

- Make sure the connections between the converter box and TV are properly done.
- Make sure the TV sound is not muted.

Remote control does not work.

- Make sure the batteries are inserted correctly.
- Replace the batteries if they are exhausted.
- Remove any obstacles between the remote control and the converter box.

Cannot watch a bilingual TV program in its secondary language.

- Make sure you have correctly selected the audio settings. Refer to AV settings in the main menu.

Forgot password.

- Choose “ Ratings ” in the main menu and input the master password “3308”. Create a new password. (The master password cannot be used to unlock programs for viewing.)

The Converter Box has turned off suddenly.

- Check if POWER SAVER is activated in the main menu. It is set to 4 hours by default.

Weak signal or channel not available.

- Try to reposition the antenna. If the signal is still weak, a more powerful antenna may be required to boost reception for the Digital TV signal. A Smart Antenna is recommended.

Smart Antenna is newly connected and channel scan is required.

- In the menu, press 5 for Settings and then press 1 for Channel Scan.

Technical specifications

Power supply: AC 120V/60Hz

Power consumption: <1W (standby)
<8W (operating)

Remote reception distance: >16feet from front

RF freq. range: 57MHz – 863MHz

RF channel range: CH2 – CH69

RF sensitivity: -83dBm to -5dBm

RF IN/Output impedance 75 ohms

RF Output channel: CH3/CH4, selectable

System:

Input: HD-ATSC, SD-ATSC and NTSC

Output: NTSC

Video output: 1V peak-to-peak

Video output impedance: 75 ohms

Audio output signal level: 0.2V rms ±10%

Unit size (L x W x H): 7.5 x 4.8 x 1.2inches

Net weight: 0.88lbs

Specifications are subject to change without notice.



Dolby and the double-D symbol are trademarks of Dolby Laboratories. Manufactured under License from Dolby Laboratories.

LIMITED WARRANTY

Craig warrants this product to be free from manufacturing defects in material and workmanship under normal use for a period of 90 days from date of purchase. If service is required, please return the product to the store where it was purchased for exchange; or, pack the unit in the original packing material with all accessories if applicable, a copy of your sales receipt and a Cashier's check or Money Order for \$15.00 (to cover shipping and handling costs) payable to Craig Electronics International Ltd. Ship your product freight pre-paid. Your unit will be repaired, replaced or a refund will be forwarded to you within four weeks of receipt of your unit. Please ship your unit to:

Craig Electronics International Ltd.
1160 NW 163 Drive
Miami, FL 33169

This warranty is void if the product has been: a) Used in a commercial application or rental. b) Damaged through misuse, negligence, or abuse. c) Modified or repaired by anyone other than an authorized Craig service center. d) Damaged because it is improperly connected to any other equipment.

Note: This warranty does not cover: a) Ordinary adjustments as outlined in the Owner's Manual which can be performed by the customer. b) Damage to equipment not properly connected to the product. c) Any cost incurred in shipping the product for repair. d) Damage to the product not used in the USA.

This warranty is not transferable and only applies to the original purchase. Any implied warranties, including the warranty of merchantability, are limited in duration to the period of this expressed warranty and no warranty whether expressed or implied shall apply to the product thereafter.

Under no circumstance shall Craig be liable for any loss or consequential damage arising out of the use of this product. This warranty gives specific legal rights. However, you may have other rights which may vary from state to state. Some states do not allow limitations on implied warranties or exclusion of consequential damage. Therefore, these restrictions may not apply to you.

To Obtain Service on your Product
email: service@craigelectronics.com