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.

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.
ACCESSORIES

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

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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.
**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 120V – 60Hz.
4. Turn on your TV and switch TV's channel selection to Channel 3.

**Note:**
- If a local TV Station happens to broadcast on Channel 3, we recommend you switch the unit's Output Channel to Channel 4 (and switch TV to Channel 4), following the instructions on Page 15.

**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 120V – 60Hz.
4. Turn on your TV and follow the instructions included with it to select the "AV IN" function.

**STEP 2: TURING ON THE UNIT**
1. While the AC adapter is connected and the unit is on standby, 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. Press the MENU button on the remote control.
2. Use the \(<\) / \(\rangle\) buttons to select the OPTION menu.
3. Use the \(\uparrow\) button to select Language then press the ENTER button or the \(\downarrow\) button.
4. Use the \(\uparrow\) / \(\downarrow\) buttons to select English / Español (Spanish) / Français (French).
5. Press the EXIT button on the remote control to exit menu.

**STEP 4: SEARCHING FOR CHANNELS AUTOMATICALLY**
1. Press the MENU button on the remote control.
2. Use the \(<\) / \(\rangle\) buttons to select the CHANNEL menu.
3. Use the \(\downarrow\) button to select Channel Scan and press the ENTER button or the \(\uparrow\) button to start scanning.

**STEP 5: VIEWING THE TV CHANNEL**
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.
- For channels 1 to 9, enter a one-digit channel number.
- For channels 10 to 69, enter the two-digit channel number.

Please read the Instruction Manual for further details on using the Converter Box.
DISPLAY CONTENTS
When receiving a 16:9 digital broadcast signal, STR766G1 Digital TV Converter will convert the 16:9 picture to fit a 4:3 TV screen. Enter Aspect Ratio Menu to select among four conversion modes.

AUTO MODE (DEFAULT)
Displays all programs based on the aspect ratio of the program to 4:3 TV screen.

CROPPED MODE
This mode uses the entire screen of your TV, but the left and right end of the picture will be removed on 4:3 TV screen.

Letter Box Mode
The entire 16:9 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.

SQUEEZED MODE
The entire 16:9 picture will be filled up your TV display but there will be distorted in the picture.

USING A 16:9 TV WITH THE DIGITAL TV CONVERTER
It is recommended that you use the Squeezed option to obtain the best picture format.
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.

ENTER Button
Confirm selection on a menu screen.

4) INFO Button
Press to display information on the current channel.

5) VOL + / VOL - Button
Press to increase/decrease the volume.

6) CC Button
Press to change the Closed Caption appearance. This function only works on programs broadcasted with captions.

7) STANDBY/ON Button
Press to turn ON the unit or put it in STANDBY (OFF) mode.

8) EXIT Button
Press to exit from the on-screen menu or a pop-up display.

9) SIGNAL Button
Press to display TV signal quality.

10) CH ▲ / CH ▼ Buttons
Press to select the channel upward or downward.

11) 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).

Front View

Back View

1) Remote Sensor
Receives infrared signals from the remote control.

2) CH/CH+ Buttons
Press to select the channel upward or downward.

3) C Button
Turns the power on or restores the unit to the standby mode.

4) STANDBY/ON Indicator
Green: power on
Red: standby mode

5) ANTENNA RF IN Terminal
Connect the AIR antenna.

6) TV RF OUT Terminal
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.

7) AUDIO OUT / VIDEO OUT Jacks
Outputs audio/video signals to a connected TV.

8) DC IN 9V Jack
Connect the supplied AC adapter.
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 Channel 3.

Note:
- If a local TV Station happens to broadcast on Channel 3, we recommend you switch the unit's Output Channel to Channel 4 (and switch TV to Channel 4), following the instructions on Page 15.

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.

Warning: This system does not support cable TV.

POWER SUPPLY

Using the AC Adapter
The supplied 9V adapter operates on AC 120V - 60Hz. While the AC adapter is connected and the unit is on standby, 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 < or > buttons to select the CHANNEL menu.
3. Use the button to select Channel Scan and press the ENTER button or the button to start scanning.

Notes:
- 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 ENTER button.

Viewing the TV Channel
Viewing a television station after searching for channels.
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.
- For channels 1 to 9, enter a one-digit channel number.
- For channels 10 to 99, enter the two-digit channel number.

Adjusting the Volume
You can control the volume using the buttons on the remote control.
VOL+/VOL- Buttons
Use 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 for the current TV program by pressing the INFO button on the remote control.
The INFO shows:
- The major channel number and the minor channel number if you are viewing a digital channel
- Current time and date
- Program title and other information if available
- The current program's rating
- Broadcast format of current program
- Multilingual
- Caption
To hide INFO:
Press the INFO button again or press the EXIT button.

Viewing Signal
To view the signal quality, press the SIGNAL button on the remote control. A beep sound will be heard.
ON-SCREEN MENU - CHANNEL

**Output Channel**
You can select NTSC RF output channel.
1. Press the MENU button on the remote control.
2. Use the ◄ / ► buttons to select the CHANNEL menu.
3. Use the ▼ button to select Output Channel then press the ENTER button or the ▶ button.
4. Use the △ / ◄ buttons to select the channel number.

ON-SCREEN MENU - OPTION

**Language**
1. Press the MENU button on the remote control.
2. Use the ◄ / ► buttons to select the OPTION menu.
3. Use the ▼ button to select Language then press the ENTER button or the ▶ button.
4. Use the △ / ◄ buttons to select English / Español (Spanish) / Français (French).

**Audio Language**
When you change the channel on Digital TV, you may be able to listen to the audio in an alternate language by selecting the appropriate language option. If there is no selected audio language, the primary audio signal transmitted by the TV broadcaster is selected automatically.

**Caption Select**
1. Press the MENU button on the remote control.
2. Use the ◄ / ► buttons to select the OPTION menu.
3. Use the ▼ button to select Caption Select then press the ENTER button or the ▶ button.
4. Use the △ / ◄ buttons to select the options (ACC/DCC/DCC Service). *ACC* is Analog TV Closed Caption. "DCC" is Digital TV Closed Caption.
5. Use the ◄ / ► buttons to make adjustments.

**Clock**
1. Press the MENU button on the remote control.
2. Use the ◄ / ► buttons to select the OPTION menu.
3. Use the ▼ button to select Clock then press the ENTER button or the ▶ button.
4. Press the ◄ / ► buttons to select the Time Zone (Eastern/Central/Mountain/Pacific/Alaska/Hawaii/ New Fland/Atlantic).

**Aspect Ratio**
1. Press the MENU button on the remote control.
2. Use the ◄ / ► buttons to select the OPTION menu.
3. Use the ▼ button to select Aspect Ratio then press the ENTER button or the ▶ button.
4. Use the △ / ◄ buttons to select the options (Auto/Letter Box/Cropped/Squeezed).

- Auto: Displays all programs based on the aspect ratio of the program.
- Letter Box: Displays all programs in 16:9 aspect ratio.
- Cropped: No change on the ratio, but the picture is cropped.
- Squeezed: All programs are displayed to fit on the screen.

Note: Not all TV channels broadcast with multiple languages.
**ON-SCREEN MENU - OPTION**

**DCC View**
Use this to set the character font. Only DCC (Digital Closed Caption) is set to Custom, DCC View is activated.
1. Press the MENU button on the remote control.
2. Use the ▲/▼ buttons to select the OPTION menu.
3. Use the ▼ button to select DCC View then press the ENTER button or the ▶ button.
4. Use the ▲/▼ buttons to select the options, then use the ▲/▼ buttons to make adjustments.

Note:
- To activate DCC View, DCC on Caption Select should be set to 'Custom'.

**Power Save Mode**
1. Press the MENU button on the remote control.
2. Use the ▲/▼ buttons to select the OPTION menu.
3. Use the ▼ button to select Power Save Mode then press the ENTER button or the ▶ button.
4. Use the ▲/▼ buttons to select the options (Off / 1 hour / 2 hours / 4 hours / 8 hours).

Power Save Mode is the function to automatically switch from the ON state to the Sleep state after a period of time without user input.

Note:
- This product is currently set to Power Save Mode. It will not receive TV signal after 4 hours of inactivity.

**Analog Audio**
1. Press the MENU button on the remote control.
2. Use the ▲/▼ buttons to select the OPTION menu.
3. Use the ▼ button to select Analog Audio then press the ENTER button or the ▶ button.
4. Use the ▲/▼ buttons to select the analog audio (Mono / Stereo).

*Mono:* Select Mono if you watch TV by TV RF OUT terminal.
*Stereo:* Select Stereo if you watch TV by VIDEO OUT terminal.

---

**ON-SCREEN MENU - LOCK**

**Lock System**
1. Press the MENU button on the remote control.
2. Use the ▲/▼ buttons to select the LOCK menu.
3. Use the ▼ button to position the cursor on the input field and enter password. If you have not specified the password, input the factory-default code, "0000".
4. Use the ▲/▼ buttons to select Lock System then press the ENTER button or the ▶ button.
5. Use the ▲/▼ buttons to select On/Off.

**Set Password**
1. Press the MENU button on the remote control.
2. Use the ▲/▼ buttons to select the LOCK menu.
3. Use the ▲/▼ buttons to select Set Password then press the ENTER button or the ▶ button.
4. Enter values (4 digit) for new password and again to confirm password.

Notes:
- Remember your password if you have changed it.
- If you forget the password, enter "8888" to unlock parental control.

**Block Channel**
1. Press the MENU button on the remote control.
2. Use the ▲/▼ buttons to select the LOCK menu.
3. Use the ▲/▼ buttons to select Block Channel then press the ENTER button or the ▶ button.
4. Use the ▲/▼ buttons to select Antenna Channel then press the ENTER button.
**TV Rating-Children**

TV Rating-Children is for classifying the age level of TV programs for children.

1. Press the **MENU** button on the remote control.
2. Use the << >> buttons to select the **LOCK** menu.
3. Use the ▲ / ▼ buttons to select TV Rating-Children then press the **ENTER** button or the ▶ button.
4. Use the ▲ / ▼ buttons to select Age or Fantasy Violence then press the **ENTER** button or the ▶ button.
5. Use the ▲ / ▼ buttons to block/unblock rating. If Blocking is set to ON, a lock icon is indicated.

- Age restriction has higher priority than the others (Fantasy Violence).

**TV Rating-General**

TV Rating-General is for classifying the age level of TV programs by the general criterion.

1. Press the **MENU** button on the remote control.
2. Use the << >> buttons to select the **LOCK** menu.
3. Use the ▲ / ▼ buttons to select TV Rating-General then press the **ENTER** button or the ▶ button.
4. Use the ▲ / ▼ buttons to select the options (Age / Dialogue / Language / Sex / Violence) then press the **ENTER** button or the ▶ button.
5. Use the ▲ / ▼ buttons to block/unblock rating. If Blocking is set to ON, a lock icon is indicated.

- Age restriction has higher priority than the others.

The lock levels are equivalent to the following ratings.

- **TV-Y**: All children.
- **TV-Y7**: Children 7 years and older.
- **TV-G**: General Audience.
- **TV-PG**: Parental guidance suggested.
- **TV-14**: Parents strongly cautioned.
- **TV-MA**: Mature audience only.

**Movie Rating**

1. Press the **MENU** button on the remote control.
2. Use the << >> buttons to select the **LOCK** menu.
3. Use the ▲ / ▼ buttons to select Movie Rating then press the **ENTER** button or the ▶ button.
4. Use the ▲ / ▼ buttons to select the rating.

The lock levels are equivalent to the following ratings.

- **G**: GENERAL AUDIENCES, Suitable for all ages.
- **PG**: PARENTAL GUIDANCE SUGGESTED - Some material may not be suitable for children.
- **PG-13**: PARENTS STRONGLY CAUTIONED - Some material may be inappropriate for children under 13.
- **R**: RESTRICTED, Under 17 requires accompanying parent or adult guardian for viewing in movie theaters.
- **NC-17**: No one 17 or under admitted in movie theaters.
- **X**: Adults Only.

**Downloadable RRT**

1. Press the **MENU** button on the remote control.
2. Use the << >> buttons to select the **LOCK** menu.
3. Use the ▲ / ▼ buttons to select Downloadable RRT then press the **ENTER** button or the ▶ button.
4. Use the ▲ / ▼ buttons to select the Downloadable RRT Rating then press the **ENTER** button or the ▶ button.
5. Use the ▲ / ▼ buttons to select the rating.

**Notes:**
- Rating Region Table (RRT) options are different according to the current program.
- Select Clear Rating Table to reset the RRT options.
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, benzine, thinner, cleaning fluid or other chemicals. Do NOT use compressed air to remove dust.

TROUBLESHOOTING GUIDE

<table>
<thead>
<tr>
<th>SYMPTOM</th>
<th>CAUSE (AND REMEDY)</th>
</tr>
</thead>
<tbody>
<tr>
<td>No power.</td>
<td>• Ensure the AC adapter is connected.</td>
</tr>
<tr>
<td></td>
<td>• The unit is not turned on.</td>
</tr>
<tr>
<td>Intermittent signal, or no signal at all</td>
<td>• Try to tune to another channel.</td>
</tr>
<tr>
<td></td>
<td>• Make sure the antenna connected.</td>
</tr>
<tr>
<td></td>
<td>• Adjust the antenna for a stronger signal.</td>
</tr>
<tr>
<td></td>
<td>• This system does not support cable TV.</td>
</tr>
<tr>
<td>Poor sound quality, or no sound</td>
<td>• Make sure you have connected your audio system correctly.</td>
</tr>
<tr>
<td></td>
<td>• Try to tune to another channel. Sometimes broadcasters have problems with DTV audio encoding.</td>
</tr>
<tr>
<td></td>
<td>• Make sure the MUTE function on your TV is not set.</td>
</tr>
<tr>
<td>Remote control doesn't work</td>
<td>• Remove any obstacles between the remote and the unit.</td>
</tr>
<tr>
<td>correctly</td>
<td>• Use the remote near the unit.</td>
</tr>
<tr>
<td></td>
<td>• Point the remote at the remote sensor on the unit.</td>
</tr>
<tr>
<td></td>
<td>• Replace the batteries in the remote.</td>
</tr>
</tbody>
</table>

Specifications and external appearance are subject to change without notice.