IMPORTANT SAFETY INSTRUCTIONS

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN

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

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

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

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

FCC STATEMENT

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user’s authority to operate the equipment.

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.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the 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.

Shielded cables must be used with this unit to ensure compliance with the Class B FCC limits.

This Television receiver provides display of television closed captioning in accordance with section 15.119 of the FCC rules.
IMPORTANT SAFETY INSTRUCTIONS

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 instance, 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 warnings
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 a 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.

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 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
This product should be operated only from the type of power source indicated on the marking label. If you are not sure the power supply, consult your appliance dealer or local power company. For products intended to operate from battery, or other sources refer to the operating instructions in this manual.
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 the 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 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
This 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 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.

Note:
Refer all servicing to qualified service personnel. Servicing is required when the unit has been damaged in any way such as the following: the power-supply cord or plug has been damaged, liquid has been spilled into the unit, the unit has been exposed to rain or moisture, the unit has been dropped or the unit does not operate normally.
IMPORTANT SAFETY INSTRUCTIONS

PRECAUTION:
When Displaying a Still Image.
A still image may cause permanent damage to the TV screen.
• Do not display a still image on the LED panel for more than 2 hours as it can cause screen image retention. This image retention is also known as "screen burn". To avoid such image retention, reduce the level of brightness and contrast of the screen when displaying a still image.
• Watching the LED TV in 4:3 format for a long period of time may leave traces of borders displayed on the left and right side of the screen caused by the difference of light emission on the screen. Playing a DVD or a game console may cause a similar effect to the screen.
• Displaying still images from Video games and PC for longer than a certain period of time may produce partial after-images.
• To prevent this effect, reduce the "brightness" and "contrast" when displaying still images.
• Damages caused by the above effect are not covered by the Warranty.

NOTE:
The TFT LED panel uses sophisticated technology to produce. However, there may be few bright or dark pixels on the screen. These pixels will have no impact on the performance of the product.

POWER SOURCE

1. Insert the DC plug on the supplied AC/DC adaptor to the DC IN Jack on the rear of TV.
2. Insert the AC/DC adaptor into a conveniently located AC outlet having AC 100-240V~, 50/60 Hz.

Note: This AC/DC Adaptor is intended to be correctly orientated in a vertical or floor mount position.
1. Mount the Plastic Cylinder to the TV by the supplied big size screws (4 x 12 PPH) and screwdriver as the figure below.

2. Mount the stand to the Plastic Cylinder by the supplied small size screws (3 x 10 PWB, Make sure the wide surface is on the panel side).

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**ANTENNA CONNECTIONS**

OUTDOOR VHF/UHF ANTENNA CONNECTION (ANTENNA NOT INCLUDED)

Follow the instructions for the type of antenna system you intend to use. If using Cable or satellite, see the next page.

<table>
<thead>
<tr>
<th>Combination VHF/UHF Antenna (Single 75 ohm cable or 300 ohm twin-lead wire)</th>
<th>Combination VHF/UHF Antenna (Separate VHF and UHF 300 ohm twin-leads)</th>
<th>Separate VHF/UHF Antennas</th>
</tr>
</thead>
</table>

Connect the 75 ohm cable from combination VHF/UHF antenna to the antenna jack. OR
If your combination antenna has a 300 ohm twin-lead wire, use a 300-75 ohm matching transformer (NOT SUPPLIED).

Connect the UHF twin-lead wire to a combiner (NOT SUPPLIED). Connect the VHF twin-lead to a 300-75 ohm matching transformer (NOT SUPPLIED). Attach the transformer to the combiner. Attach the combiner to the antenna jack.

NOTE: If your VHF antenna has a twin lead wire, use a 300-75 ohm matching transformer, then connect the transformer to the combiner.

**NOTE:**
To avoid damage to your TV. Power OFF all the devices before making connections.
CABLE CONNECTIONS

This TV has an extended tuning range and can tune most cable channels without using a Cable TV converter box. Some cable TV companies offer “premium pay channels” in which the signal is scrambled. Descrambling these signals for normal viewing requires the use of a descrambler device which is generally provided by the cable company.

FOR SUBSCRIBERS TO BASIC CABLE TV SERVICE
For basic cable service not requiring a converter/descrambler box, connect the CATV 75 ohm coaxial left side cable to the VHF/UHF jack on the bottom of the TV.

FOR SUBSCRIBERS TO UNSCRAMMBLED CABLE TV SERVICE OR SATELLITE
If you subscribe to a satellite service or a cable TV service which requires the use of a converter/descrambler box, connect the incoming 75 ohm coaxial cable to the converter/descrambler box. Using another 75 ohm cable (not included), connect the output of the converter/descrambler or satellite box to the antenna jack on the TV. Follow the connections shown below. Set the TV/VCR/DVR to the output channel of the converter/descrambler or satellite box (usually channel 3 or 4) and use the converter/descrambler or satellite box to select channels.

FAQ:
I connected my cable, but why can’t I get channels?
Make sure the signal type in setting menu is set to AIR or CABLE. Also, make sure your cable company broadcasts channels in the range you are searching.
CABLE CONNECTIONS

CONNECTION USING HDMI (CABLE NOT INCLUDED):
1. Connect the HDMI cable (not included) from the HDMI of the TV to the HDMI of external unit as the figure below.
2. Set the SOURCE of the TV to HDMI mode.

CONNECTION USING AUDIO/VIDEO JACKS (CABLES NOT INCLUDED):
Follow the instructions below to connect an external unit such as a VCR/DVR/DVD player to the TV using Audio/Video cables.

1. Connect the left and right audio connection cable from the external unit's AUDIO OUTPUT jacks to the Audio In jacks of the TV. Connect the video cable from the external unit's VIDEO output jack to the Video In jack of the TV.
2. Set the SOURCE of the TV to AV mode.

CONNECTION USING HEADPHONE/EARPHONE: (HEADPHONE/EARPHONE NOT INCLUDED)
For private listening, connect headphone/earphone (not included) into the PHONES jack of TV. The speakers will be disconnected when headphone are inserted into the jack.

CONNECTION USING VGA CABLE (CABLE NOT INCLUDED):
1. Using a VGA 15 pin D-SUB connection cable (not included) to connect the VGA output jack on the PC to the TV's VGA jack.
2. Using a 3.5mm stereo mini jack connection cable (not included) to connect the PC AUDIO OUTPUT/PHONE jack on the PC to the TV's PC Audio In jack.
3. Set the SOURCE of TV to PC mode.
CABLE CONNECTIONS

LOCATION OF CONTROLS

1. POWER button
2. SOURCE button
3. MENU button
4. VOL- (Volume down) button
5. VOL+ (Volume up) button
6. CH- (Channel down) button
7. CH+ (Channel up) button
8. PC AUDIO (In) jack
9. VGA Port
10. Pr (V/Cr) input jack
11. Pb (U/Cb) input jack
12. Y input jack / Video jack
13/14. L/R (Audio Left and Right channel input) jacks
15. COAXIAL (Out) jack
16. DC IN jack
17. Headphone jack
18. RF jack
19. HDMI Port

CONNECTION USING Y/Pb/Pr CABLE (CABLES NOT INCLUDED):

1. Using component video connection cables (not included) to connect the external device's Y/Pb/Pr output jacks to the Y/Pb/Pr jacks on the TV.
2. Connect the left and right audio connection cable from the external unit's AUDIO OUTPUT jacks to the Audio In jacks on the TV.
3. Set the SOURCE of TV to YPbPr mode.

CONNECTION USING COAXIAL CABLE (CABLES NOT INCLUDED):

Using a RCA connection cable (not included) to connect the COAXIAL jack on the TV to any external Amplifier which have built-in Dolby audio decoder.
REMOTE CONTROL

1. **POWER**  Turns the LED TV on and off (standby mode).
2. **MTS**  In NTSC receiving mode, press to select the audio modes to Mono, Stereo or SAP. In ATSC Digital receiving mode, press to display the audio selection menu on the screen. Using the Navigator ▲,▼ button to select the desired audio mode.
3. **MUTE**  Turn off the sound temporary. Press again to turn the sound back.
4. **RETURN**  Return to previous channel.
5. **SOURCE**  Press to display the source menu on the screen. Using the Navigator ▲ or ▼ buttons to select the source as desired then press (OK) button to confirm your selection.
6. **DISPLAY**  Press to display the information; settings and the status of current mode/station on the screen.
7. **MENU**  Displays the setting menu on the screen.
8. **EXIT**  Press to exit from the setting menu.
9. **OK**  Press to move the cursor within the setting menu.
10. **VOL+/VOL-**  Press to increase or decrease the volume level.
11. **CH+/CH-**  Press to increase or decrease the channel number.
12. **COLOR BUTTONS:**  Reserved using in Teletext and interaction ATSC (Digital TV) mode as the on screen instructions.
13. **FAV**  Favorite, press to display the Favorite list on the screen.
14. **ADD/ERASE**  In FAV display mode, press to increase or delete the highlighted channel directly.
15. **PC**  Press to switch the input source to PC directly.
16. **AV**  Press to switch the input source to AV directly.
17. **EPG**  Press to display the Electronic Program Guide in digital TV channels (Operation in ATSC mode only functions on signals emitting from TV station).
18. **CC**  Press repeatedly to activate and/or set the CCD (Closed Caption Display) modes.
19. ** chassis list**  Press to display the Channel List on the screen. (Operation in digital TV receiving only).
20. **SLEEP**  Press repeatedly to activate and/or set the sleep timer.
21. **POWER**  Turns the LED TV on and off (standby mode).
22. **MTS**  In NTSC receiving mode, press to select the audio modes to Mono, Stereo or SAP. In ATSC Digital receiving mode, press to display the audio selection menu on the screen. Using the Navigator ▲,▼ button to select the desired audio mode.
23. **MUTE**  Turn off the sound temporary. Press again to turn the sound back.
24. **RETURN**  Return to previous channel.
25. **SOURCE**  Press to display the source menu on the screen. Using the Navigator ▲ or ▼ buttons to select the source as desired then press (OK) button to confirm your selection.
26. **DISPLAY**  Press to display the information; settings and the status of current mode/station on the screen.
27. **MENU**  Displays the setting menu on the screen.
28. **EXIT**  Press to exit from the setting menu.
29. **OK**  Press to move the cursor within the setting menu.
30. **VOL+/VOL-**  Press to increase or decrease the volume level.
31. **CH+/CH-**  Press to increase or decrease the channel number.
32. **COLOR BUTTONS:**  Reserved using in Teletext and interaction ATSC (Digital TV) mode as the on screen instructions.
33. **FAV**  Favorite, press to display the Favorite list on the screen.
34. **ADD/ERASE**  In FAV display mode, press to increase or delete the highlighted channel directly.
35. **PC**  Press to switch the input source to PC directly.
36. **AV**  Press to switch the input source to AV directly.
37. **EPG**  Press to display the Electronic Program Guide in digital TV channels (Operation in ATSC mode only functions on signals emitting from TV station).
38. **CC**  Press repeatedly to activate and/or set the CCD (Closed Caption Display) modes.
39. **chassis list**  Press to display the Channel List on the screen. (Operation in digital TV receiving only).
40. **SLEEP**  Press repeatedly to activate and/or set the sleep timer.
41. **Effec**
42. **range:**  The remote can control the LED TV from up to 13 Feet (4M) away, if pointed directly at the receiver.
PREPARATION

Install or replace the batteries:
1. Open the battery door by lifting up.
2. Install two (2) “AAA” size batteries (included) as the polarity diagram inside the battery compartment.
3. Replace the battery compartment cover.

BATTERY PRECAUTIONS

Follow these precautions when using a battery in this device:
1. Use only the size and type of battery specified.
2. Be sure to follow the correct polarity when installing the battery as indicated in the battery compartment. A reversed battery may cause damage to the device.
3. Do not mix different types of batteries together (e.g. Alkaline and Carbon-zinc) or old batteries with fresh ones.
4. If the batteries in the device are consumed or 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 the battery not intended to be recharged; it can overheat and rupture. (Follow battery manufacturer’s instructions.)
6. Do not dispose of battery in fire. Battery may explode or leak.
7. Clean the battery contacts and also those of the device prior to battery installation

EFFECTIVE DISTANCE OF THE REMOTE CONTROL TRANSMITTER

Notes:
• When there is an obstacle between the TV 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.

BASIC OPERATION

Power On/Off:
• Connect the TV to DC Power, the Red standby indicator will turn on.
• Press the POWER button on the TV or Remote Control to power on the TV. (The Red standby indicator will turn off).
• Press the POWER button again to power OFF (Standby) the TV (Red LED indicator will light).

Channel Selection:
• Press the CH + or – buttons on the TV or Remote Control to select the preset channel as desired.
• For direct channel access:
  Enter the desired channel number by pressing the number and “.-” buttons on the Remote Control. For example, if desired to watch CH 5-1 then press button “5” and “.-” and “1”.

Volume Control:
Press the VOL + or – buttons on the TV or Remote Control to adjust volume level as desired.

Mute:
Press the MUTE button on the Remote Control to turn off the sound temporarily; press again to turn the sound back.

Headphone jack:
For private listening, connect a Headphone/Earpiece (not supplied) to the Headphone jack on the TV. The speakers will be disconnected automatically.
**Input Source Selection**

- Press the SOURCE button on the Remote Control or TV. The sources list will appear on the screen.
- Press the Navigator ▲ or ▼ button to select the desired input source then press the “OK” button to confirm the selection.

**Quick Setting Menu**

In first time turn on the unit in TV mode, the quick setting menu will appear on the screen, set the unit as the on screen instructions as below:

- Press the Navigator ▲ or ▼ button to select and highlight “Menu Language” then press the Navigator ◀ or ▶ buttons to select “English”, “Français”, “Español” as desire then press the OK button to save the settings and exit.
- Press the Navigator ▲ or ▼ button to select and highlight “Go to next step” then press the OK button to enter. The sub-setting menu will appear.
- Press the Navigator ▲ or ▼ to select and highlight the "Time Zone" then press the Navigator ◀ or ▶ button to select the time zone you are then press OK button to save the setting and exit.
- Press the Navigator ▲ or ▼ to select and highlight the "Daylight Saving Time" then press the Navigator ◀ or ▶ button to select On or Off then press OK button to save the setting and exit.
- Press the Navigator ▲ or ▼ to select and highlight the "Time Format" then press the Navigator ◀ or ▶ button to select 12 or 24 hour as desire then press OK button to save the settings and exit.
- Press the Navigator ▲ or ▼ to select and highlight the “Go to next step” then press OK button to enter. The next sub setting menu will appear.
- Press the Navigator ▲ or ▼ button to select and highlight “Air/Cable” then press the Navigator ◀ or ▶ buttons to select “Air” or “Cable” as desired then press the OK button to save the settings and exit.

**Notes:**
- Set to Air if you are connecting the TV to the antenna to receive the TV broadcasting over the air.
- Set to Cable if you are connecting the TV to a Cable TV Converter.
- Press the Navigator ▲ or ▼ to select and highlight "Go to next step" then press the OK button to enter. The unit will start searching and stored the available TV stations automatically. (It need takes a few minutes).
- After setting, press the CH + or – buttons repeatedly to select the desired channel number. Or, press the CH LIST (Channel List) button on the Remote Control. The preset channel will appear on the screen. Using the Navigator and “OK” buttons to watching the desired channel.

**FAQs:**

How many channels will I actually receive?
The actual number of channels that can be received depends on how many channels your cable or satellite company, or local area have provided. Contact your company to determine the number of channels in your area.
THE SETTING MENU

Press the MENU button, the setting menu will appear on the screen as follows:

- Press the Navigator buttons to select and highlight the desired button then press the Navigator ▼ button to enter.
- Use the Navigator and “OK” button to set or reset the settings as desired.
- When finished, press the MENU button to return to previous menu or press the EXIT button to save the settings and exit.

In PICTURE setting menu:
If Picture is selected, the following menu will appear on the screen, press the Navigator ▼ button to enter.

- Press the Navigator ◄ or ► button to select the preset picture quality to “Standard”, “Vivid”, “Soft” or “User” as desired.
- If “User” is selected, press Navigator ▼ button to enter, use the Navigator and ◄ or ► buttons to set the Brightness; Contrast; Color; Tint and Sharpness level as desired.
  
  Note: Tint only operates in NTSC signal input.

  - If “Color Temperature” is selected, press the Navigator ◄ or ► button to select the preset color temperature to “Normal”, “Warm” or “Cool” as desired.
  - If “Advanced Settings” is selected, press the Navigator ► button to enter, the sub setting menu will appear.
  - If “Aspect Ratio” is selected, press the Navigator ◄ or ► button to set the desired aspect ration.

THE SETTING MENU

- If “Noise Reduction” is selected, press the Navigator ◄ or ► button to turn it to High, Medium, Low or Off as desired.
- If “Dynamic Contrast” is selected, press the Navigator ◄ or ► button to turn it On or Off as desired.

In AUDIO setting menu:
If Audio is selected, the following menu will appear on the screen, press the Navigator ▼ button to enter.

- If “Equalizer Setting” is selected, press the Navigator ► button to enter. The sub setting menu will appear. Press the Navigator ◄ or ► button to set the Sound Effect mode to Standard, Music, Movie, Sports or User as desired. If “User” is selected, then using the Navigator buttons to set the equalizer frequency as desire.
- If “MTS” is selected, press the Navigator ◄ or ► button to select the audio modes to Mono, Sterec or SAP.
  
  Note: MTS only appear on the screen while in TV modes and operate in NTSC receiving.

- If “Audio Language” is selected, press the Navigator ◄ or ► button repeatedly to set the priority of language to English, French or Spanish as desired.
  
  Note: Functionality depend on the TV signals emitted from TV stations. This setting only operates in Digital TV (ATSC) receiving.

- If “Digital Audio Output” is selected, press the Navigator ◄ or ► button repeatedly to turn the Digital Output to Off, PCM or RAW to match the decoding system of your external Audio Amplifier.

- If “Surround Sound Mode” is selected, press the Navigator ◄ or ► button repeatedly to turn the surround mode On or Off as desired.
THE SETTING MENU

- If “AVL” is selected, press the ▲ or ▼ button repeatedly to turn the AVL (Auto Volume Limiter, limited the maximum level of peak sound) mode On or Off as desired.

In TIME setting menu:
If Time is selected, the following menu will appear on the screen, press the Navigator ▼ button to enter.

- If “Sleep Timer” is selected, press the Navigator ▲ or ▼ button repeatedly to activate sleep timer and set the time of timer as desire.

- If “Time Zone” is selected, press the Navigator ▲ or ▼ button repeatedly to set the time zone you are located.

- If “Daylight Saving Time” is selected, press the Navigator ▲ or ▼ button to turn On (Display the time in summer daylight saving time) or Off as desired.

- If “Time Format” is selected, press the Navigator ▲ or ▼ button to set it to 12 or 24 hour as desire.

- If “Auto Clock” is selected, press the Navigator ▲ or ▼ button to turn it. On or Off as desired. If turn to on, the internal clock will shows the time from the incoming ATSC TV stations. If turn to Off, using the Navigator buttons to set or reset the actual time.

- If “No singal Power off” is selected, press the Navigator ▲ or ▼ button to turn on (when no TV singal received over than 30 minutes, the TV turn off automagically) or off.

THE SETTING MENU

In SETUP setting menu:
If Setup is selected, the following menu will appear on the screen, press the Navigator ▼ button to enter.

- If “Menu Language” is selected, press the Navigator ▲ or ▼ buttons to set to “English”, “Français”, “Español” as desired.

- If “Transparency” is selected, press the Navigator ▲ or ▼ buttons to set to “0%”, “25%”, “50%”, “75%” or “100%” as desired.

- If “OSD Time out” is selected, press the Navigator ▲ or ▼ buttons to set to “5 sec”, “15 sec”, “30 sec”, “45 sec” or “60 sec” as desired.

- If “Close Caption” is selected, press the Navigator ▼ button to enter, the following menu will appear on the screen:

- If “CC Mode” is selected, press the Navigator ▲ or ▼ button repeatedly to turn the CC (Close Caption) to CC On, CC Off or CC on Mute (Close Caption appear on screen while in “Mute” mode) as desire.
THE SETTING MENU

■ If “Analog CC” is selected, press the Navigator or button repeatedly to set the CC (Close Caption) type to CC1, CC2, CC3, CC4, TEXT 1, TEXT 2, TEXT 3 or TEXT 4 to match the Closed Caption system of the current Analog TV program.

■ If “Digital CC” is selected, press the Navigator or button repeatedly to set the CC (Close Caption) type to Service 1 - Service 6 to match the Closed Caption system of the current Digital TV program.

■ If “Option” is selected, press the Navigator button to enter, the following menu will appear on the screen.

- Press the Navigator or button repeatedly to set it to Default or Customer. If Customer is select, using the Navigator or buttons to set the style of the CC as desired.

  Note: This function is operational in ATSC (Digital) channels only.

■ If “Input Lable” is selected, using the Navigator buttons to name or rename the input sources.

■ If “Setup Wizard” (appear on the screen in TV mode only) is selected. Press the Navigator button to enter. Using the Navigator button to reset the TV settings as the on screen instruction as the section of “Quick Setting Menu” on Page 23.
In LOCK setting menu:
If Lock is selected, press the Navigator ▼ button to enter, the following menu will appear on the screen and “Enter Password” will be highlighted:
- Enter the 4 digital password (default password: 1470) by pressing the numeric buttons.

- If “Change Password” is selected and press the Navigator ► button to enter, the following menu will appear on the screen:
  - Enter the new password and confirmed by pressing the numeric buttons as the shown on screen instructions.

NOTE: If the new password was forgotten, you can use the master password 1470 to release the lock and/or reset a new password.

- If “System lock” is selected, press the Navigator ◀ or ► button repeatedly to turn the System lock On or Off as desired.
- If "US Rating" is selected, press the Navigator ► button to enter, the following menu will appear on the screen:
  - Use the Navigator and “OK” buttons to set the block level of US V-Chip (TV Rating) as desired.
- If "MPAA" is selected, press the Navigator ◀ or ► button to enter, press the Navigator ◀ or ► button to set the block level as desired.
THE SETTING MENU

- If “Canada Rating” is selected, press the Navigator ► button to enter, the following menu will appear on the screen:

![Setting Menu](image)

- Using the Navigator buttons to set the block level as desire.

- If “RRT setting” is selected, press the Navigator ► button to enter, use the Navigator buttons to set or reset RRT settings.

- If “Reset RRT” is selected, press the Navigator ► button to reset the RRT settings.

### In CHANNEL setting menu:

If CHANNEL is selected, the following menu will appear on the screen, press the Navigator ▼ button to enter.

![Channel Menu](image)

- If “Air/Cable” is selected, press the Navigator ◄ or ► button to set Air or Cable to match your TV receiver system.

- If “Auto Scan” is selected, press the Navigator ► button to enter, follows sub setting menu will appear. Press the Navigator ◄ or ► button to set to “Yes” (Start auto scan and stored the available TV stations) or “No” then press the “OK” button to confirm.
THE SETTING MENU

- If “Favorite” is selected, press the Navigator ► button to enter. The stored channels will appear on the screen. Use the Navigator and “OK” buttons to edit the channels as desired.

- If “Channel list” is selected, press the Navigator ► button to enter, the channel list will appear on the screen.

- If “Show/Hide” is selected, press the Navigator ► button to enter, the stored channels list will appear on the screen as below. Use the Navigator and “OK” buttons to edit the channels as desired.

- If “Channel Number” is selected, use the Navigator ◄ or ► button to select the channel.

- If “Channel Label” is selected, use the Navigator and “OK” buttons to name or rename the selected channel.

TROUBLESHOOTING

<table>
<thead>
<tr>
<th>Symptom</th>
<th>Check</th>
</tr>
</thead>
<tbody>
<tr>
<td>No sound and no picture</td>
<td>• Check the Power indicator on the TV panel lit or not lit. If not lit, check the connections between AC/DC adaptor and the TV or the connections between AC/DC adaptor and AC outlet.</td>
</tr>
<tr>
<td>No picture but the sound is normal</td>
<td>• The pictures may be too dark, increase the brightness and contrast level.</td>
</tr>
<tr>
<td>Normal picture but no sound</td>
<td>• Sound level may be too low, increase the sound level.</td>
</tr>
<tr>
<td>Picture with noise</td>
<td>• Try another channels.</td>
</tr>
<tr>
<td></td>
<td>• Check the connection of antenna.</td>
</tr>
<tr>
<td>No color</td>
<td>• Try another channels.</td>
</tr>
<tr>
<td></td>
<td>• Increase the level of saturation.</td>
</tr>
<tr>
<td>Remote handset doesn’t operate</td>
<td>• Aim the remote handset to the remote sensor on the front panel.</td>
</tr>
<tr>
<td></td>
<td>• Replace new batteries.</td>
</tr>
<tr>
<td></td>
<td>• Check the batteries with correct polarity mark inside the battery compartment or not.</td>
</tr>
<tr>
<td>No sound and / or no picture in HDMI mode</td>
<td>• Check and make sure the Video output from the connected device is set to HD (High Definition) and the Audio output is set to PCM (Plus Code Modulation). For details, refer to the Instruction Manual of the connected device.</td>
</tr>
<tr>
<td>The TV turn off automatically.</td>
<td>No Signal Auto Power off was set to on, when no was received over than 30 minutes, the TV will turn off automatically.</td>
</tr>
<tr>
<td>Forgotten the preset parental lock password</td>
<td>Use the master password 1470 to release the lock or reset a new password.</td>
</tr>
</tbody>
</table>
SPECIFICATION

GENERAL:
Screen Size: 18.5 inch (48.66cm) measured diagonally from corner to corner.

TV System: NTSC / ATSC
Channel Coverage: Air Ch 2 - 69
Cable Ch 2 - 135

Power source: DC==12V, 3A, ΘΘΘΘ
Power source of the supplied AC/DC adaptor: AC 100-240V~, 50/60 Hz   1.2A

Output of the supplied AC/DC adaptor: DC==12V, 3A, ΘΘΘΘ
Audio Power.........................................................3 Watts X 2

Vertical frequency for PC input…………………………………….60/70Hz
Dimension of wall mount nut……………………………………M0.158 (Φ) X 0.4inch (Deep) x 4

Accessories:
1 x User's Manual
1 x Remote Control
2 x AAA Size Batteries (For Remote Control)
1 x AC/DC Adaptor (Input: AC 100-240V~, 50/60Hz, 1.2A; Output: DC===12V, 3A, ΘΘΘΘ)
1 x Table Stand
3 x small size screws (3 x 10 PWB)
3 x big size screws (4 x 12 BBH)
1 x Screwdriver
1 x Plastic Cylinder

Note: The design and structure is subject to change without notice.

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 $20.00 (to cover shipping and handling costs) payable to Craig Electronics Inc. For consumers in Canada, please make sure that the cashier check or money order is redeemable through a U.S. bank. Ship your product freight pre-paid. Your unit will be repaired, replaced or if the unit can not be repaired or replaced, a refund will be forwarded to you within four weeks of receipt of your unit. Please ship your unit to:

Craig Electronics Inc.
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