



# INSTRUCTION MANUAL

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Before using the TV, please read this manual thoroughly, and retain it for future reference.



**Model : RT3908**



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**SAFETY CLASS : This is an IEC safety class II product.**

## IMPORTANT SAFETY INSTRUCTIONS

- **Read these instructions** - All the safety and operating instructions should be read before this product is operated.
- **Keep these instructions** - The safety and operating instructions should be retained for future reference.
- **Heed all warnings** - All warnings on the appliance and in the operating instructions should be adhered to.
- **Follow all instructions** - All operating and use instructions should be followed.
- **Do not use this apparatus near water** - The appliance should not be used near **Water or moisture** - for example, in a wet basement or near a swimming pool, and the like.
- Clean only with dry cloth.
- Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- Do not defeat the safety purpose of the polarized or grounding plug. A polarized plug has two blades with one wider than the other. A grounding plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- Protect the power cord from being walked on or pinched particularly at the plugs, convenience receptacles, and at the point where they exit from the apparatus.
- Only use attachments/accessories specified by the manufacturer.
- Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart or rack is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.



- Unplug the apparatus during lightning storms or when unused for long periods of time.

- Refer all servicing to qualified 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 been spilled, or objects have fallen into the apparatus, or the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
- Please keep the unit in a well-ventilated environment.

### WARNING

Never place a television set in an unstable location. A television set may fall, causing serious personal injury or death. Many injuries, particularly to children, can be avoided by taking simple precautions such as:

- Using cabinets or stands recommended by the manufacturer of the television set.
- Only using furniture that can safely support the television set.
- Ensuring the television set is not overhanging the edge of the supporting furniture.
- Not placing the television set on tall furniture (for example, cupboards or bookcases) without anchoring both the furniture and the television set to a suitable support.
- Not placing the television set on cloth or other materials that may be located between the television set and supporting furniture.
- Educating children about the dangers of climbing on furniture to reach the television set or its controls.

If your existing television set is being retained and relocated, the same considerations as above should be applied.



This lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of non-insulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock.



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



This equipment is a Class II or double insulated electrical appliance. It has been designed in such a way that it does not require a safety connection to electrical earth.

## ENERGY STAR Qualification



### ENERGY STAR® Qualification.

This product has earned the ENERGY STAR® for meeting U.S. Federal energy efficiency guidelines as set by the Department of Energy and Environmental protection agency. The ENERGY STAR® program exists to provide energy saving guidelines and help promote energy efficient products and practices. Changes to certain features, settings and functions of this TV can change and/or increase its power consumption.

**Home Mode** is the mode in which the product qualifies for ENERGY STAR®.

**Standard Mode** optimizes the video effects when use at a retail showroom or demo environment. This mode the video setting may increase energy consumption beyond the limits required for ENERGY STAR® qualification.

### MENU OPERATION

#### Basic Operations

Press ▲ / ▼ / ◀ / ▶ button to select your desired mode, then press ENTER button to enter.



## ACCESSORIES

Please check and identify the supplied accessories.

Remote control .....	x 1
Battery(AAA) .....	x 2
Warranty Card .....	x 1
Instruction Manual .....	x 1
Base stand and 3 screws .....	x 2

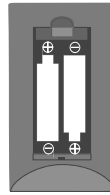
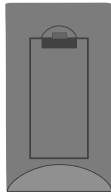
## GETTING STARTED

### USING THE 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 THE BATTERIES

1. Open the battery door.
2. Insert 2 "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 the batteries.

**CAUTION** : Danger of explosion if battery is incorrectly replaced.

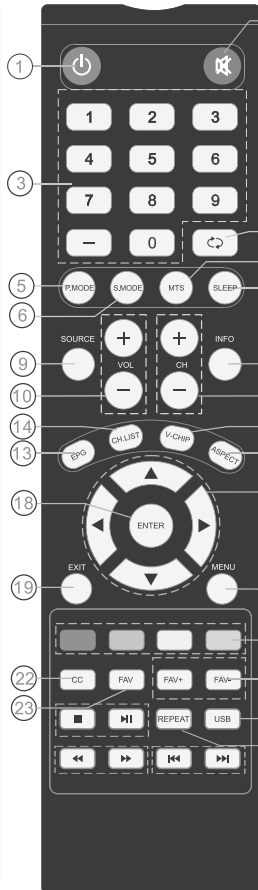
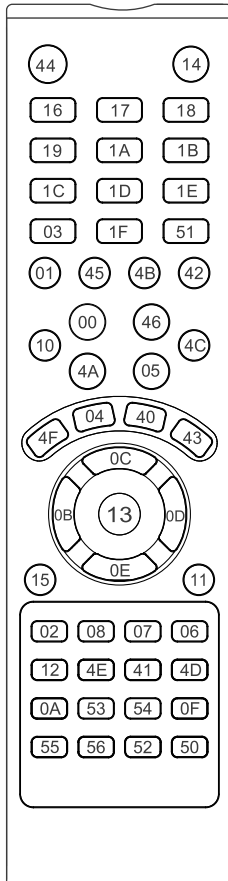
### NOTES

- If the remote control is not going to be used for a long time, remove the batteries to avoid damage caused by battery leakage corrosion.
- 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 batteries in a fire. Batteries may explode or leak.  
Batteries shall not be exposed to excessive heat such as sunshine, fire or the like.

## CONTROL REFERENCE GUIDE

### REMOTE CONTROL



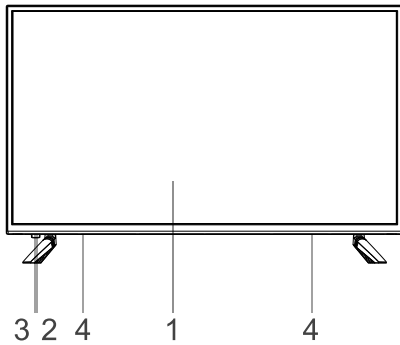
1. STANDBY  
To switch on the TV or make the TV into standby mode.
2. MUTE  
Press this button to mute or restore sound.
3. 0-9  
Allows you to change the channel of the TV.
4.   
Switches back and forth between the current and previous channels.
5. P.MODE  
Press this button to select a picture mode for different picture qualities.
6. S.MODE  
Press this button to select sound setting for different sound effects.
7. MTS  
To change among STEREO, MONO and SAP. If there is no second language available for the signal received, LED Display audio will output to mono.
8. SLEEP  
To select the amount of time before your TV turns Off automatically.
9. SOURCE  
Press this button to select an input source.
10. VOL+/VOL-  
Increases/Decreases the Volume control.
11. CH+/CH-  
Skips to the next/previous channel on TV mode.
12. INFO  
Show the information of the program you are watching.
13. EPG  
Press this button to select the electronic programme guide in DTV mode.
14. CH.LIST  
Display program list.
15. V-CHIP  
Press the button to enter the V-CHIP mode.
16. ASPECT  
Select the aspect ratio settings:Wide/Zoom/Cinema/Normal(In PC Mode:Wide/dot to dot).
17. UP/DOWN/LEFT/RIGHT  
Moves the cursor upward/downward/to the left/to the right when making a selection.
18. ENTER  
Press to confirm selections on a menu screen.
19. Exit  
Press this button to exit the on screen display.
20. MENU  
Displays the OSD Menu of the TV.
21. The control function of this button does not apply to this model.
22. CC  
Press the button to enter into the CC mode.
23. FAV  
Press this button to show the favourite list.
24. FAV+/FAV-  
Press this button to go through the FAV channel list.
25. USB  
Press the button to enter the USB mode.
26. REPEAT  
Press the button to enter the REPEAT mode.

- Press the button to stop USB.
- ⏸ Play/Pause in the USB mode.
- ⏮ ⏭ Fast backward and forward key.
- ⏮ ⏭ Jump to previous and next track.

Remarks: The Universal Remote code is 808F.  
Format:NEC.

## CONTROL REFERENCE GUIDE

### FRONT VIEW

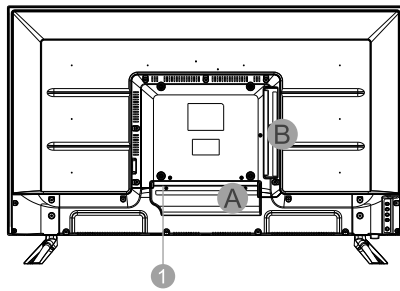


Front View

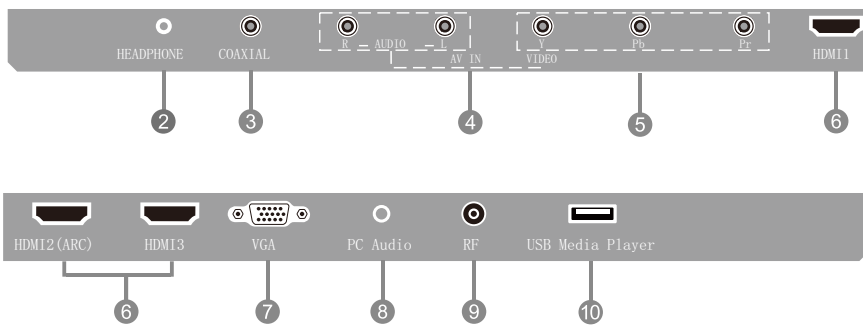


- 1. Color Screen
- 2. Standby Indicator  
Indicates whether the unit is ON or in STANDBY (OFF) mode.  
Light in red: The unit is in STANDBY.  
Light in blue: The unit is turned ON.
- 3. Remote Sensor  
Do not block this sensor or the remote control will not work.
- 4. Speakers

### BACK VIEW

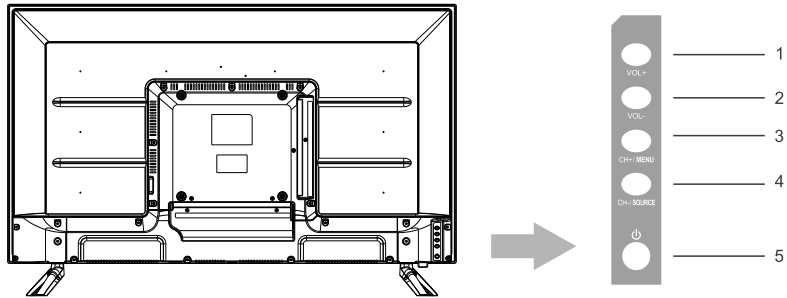



- 1. POWER CORD
- 2. HEADPHONE JACK
- 3. COAXIAL: Digital Audio Output Jack
- 4. AV/YPbPr AUDIO IN
- 5. AV/YPbPr IN
- 6. HDMI IN JACK
- 7. VGA IN JACK
- 8. PC AUDIO IN JACK
- 9. TV ANTENNA TERMINAL
- 10. USB Media Player





## CONTROL REFERENCE GUIDE



1. VOL+  
Press to adjust the volume up.
2. VOL-  
Press to adjust the volume down.
3. CH+ MENU  
Press to change the TV channels and up highlight selections on the menu screen.  
Press and hold to display the on-screen TV menu.
4. CH- SOURCE  
Press to change the TV channels and down highlight selections on the menu screen.  
Press and hold to select the input source of the TV.
5.   
Press to turn the unit on and off.

## CONNECTIONS

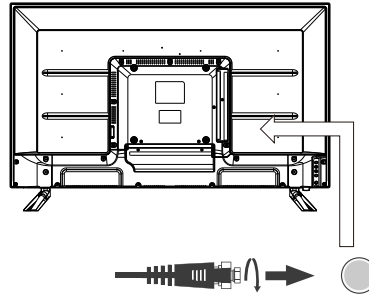
### CONNECTING A TV ANTENNA / CABLE / SATELLITE

To view television channels correctly, a signal must be received from one of the following sources:

- An indoor or outdoor aerial antenna
- A cable system
- A satellite system

#### NOTE

For receiving over-the-air TV broadcasts, we recommend that you use an external fixed antenna. Should you require the use of a temporary antenna, please ensure that you purchase an antenna with sufficient ability to receive in weak signal areas. Only when you are in close proximity to a transmitter will a temporary antenna reproduce a signal as strongly as a fixed antenna.



Satellite, cable or TV antenna cable to TV ANTENNA terminal (cable not included)

### CONNECTING AN A/V DEVICE

To connect to other equipment such as a VCR, camcorder, satellite system or cable, etc.

### CONNECTING DEVICES WITH A COMPOSITE (YELLOW RCA-TYPE) VIDEO OUTPUT

To connect A/V devices such as a VCR, video game system or camcorder.

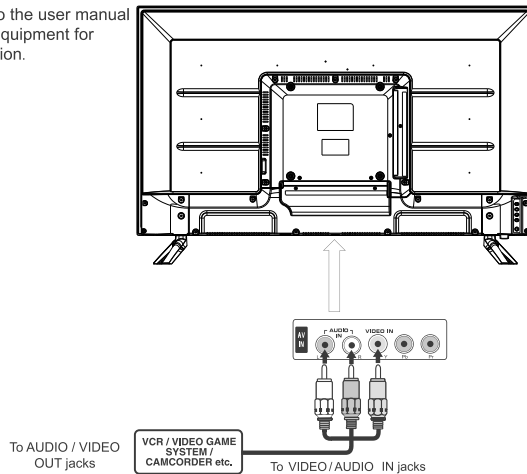
#### Connecting to a VCR / Video Game System / Camcorder

Connect the AUDIO / VIDEO cable (not included) as shown.

Make sure you connect the cable from the other equipment ( **AUDIO** and **VIDEO OUT** ) to this unit (AV in)

#### NOTE

Please refer to the user manual for the other equipment for more information.



## CONNECTIONS

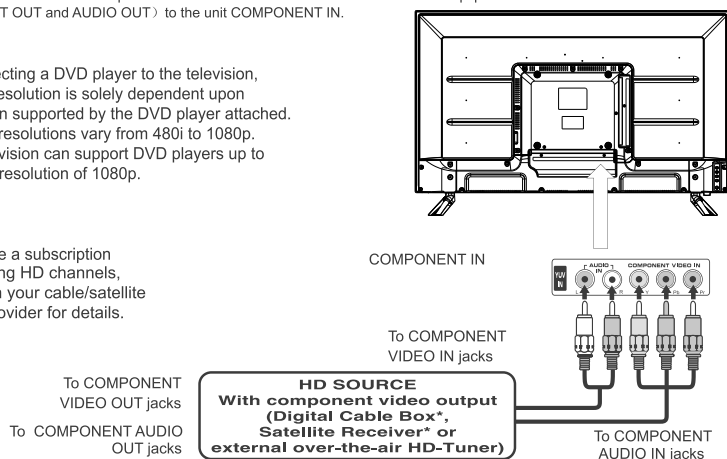
### CONNECTING A HIGH-DEFINITION (HD) SOURCE USING COMPONENT CONNECTION

High-Definition (HD) Devices with component video output must be connected to the YPbPr input. Connect the component video cable and audio cable (not included) as shown. Make sure you connect the component video cable and audio cable from the other equipment (COMPONENT OUT and AUDIO OUT) to the unit COMPONENT IN.

#### NOTE

When connecting a DVD player to the television, the picture resolution is solely dependent upon the resolution supported by the DVD player attached. DVD player resolutions vary from 480i to 1080p, and this television can support DVD players up to a maximum resolution of 1080p.

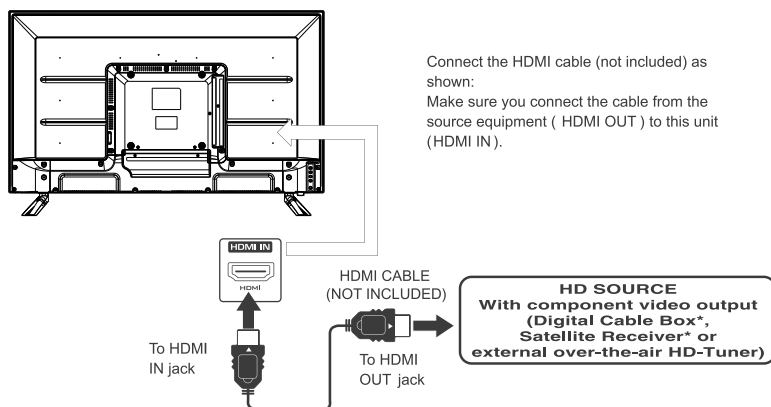
\* May require a subscription for receiving HD channels, check with your cable/satellite service provider for details.



### CONNECTING A HIGH-DEFINITION (HD) SOURCE USING HDMI CONNECTION

HDMI (High Definition Multimedia Interface) supports both video and audio on a single digital connection for use with DVD players, DTV, set-topboxes and other digital AV devices. HDMI was developed to provide the technologies of High Bandwidth Digital Content Protection (HDCP) as well as Digital Visual Interface (DVI) in one specification. HDCP is used to protect digital content transmitted and received by DVI-compliant or HDMI-compliant displays.

HDMI has the capability to support standard, enhanced or high-definition video plus standard to multi-channel surround-sound audio. HDMI features include uncompressed digital video, a bandwidth of up to 2.2 gigabytes per second (with HDTV signals), one connector (instead of several cables and connectors), and communication between the AV source and AV devices such as DTVs.

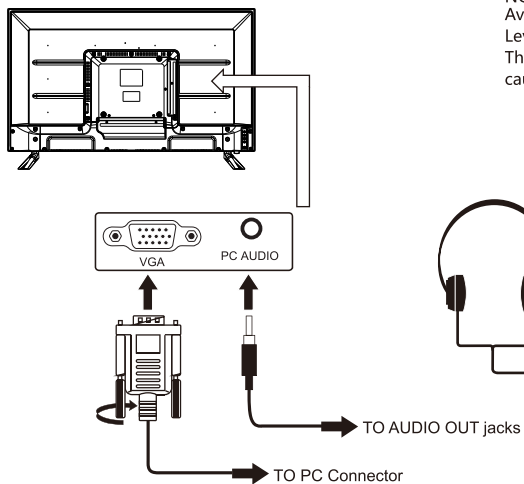


## CONNECTIONS

### CONNECTING A PC

Connect the 15-pin D-SUB PC/VGA connector from your computer to the 15-pin D-SUB PC/VGA input on this unit using a monitor cable and an audio cable (not included) as shown.

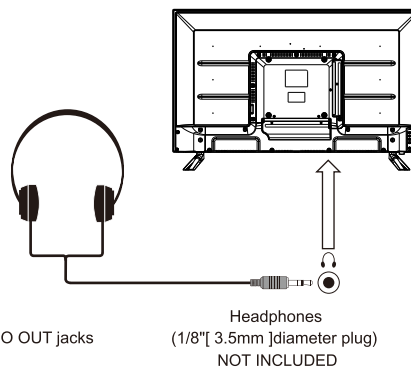
Make sure you connect the cable from the computer (VGA and AUDIO - PC OUT ) to this unit (VGA and AUDIO - PC IN).



### CONNECTING HEADPHONES

- Turn down the volume before connecting headphones to the unit, then adjust the volume to your desired level.
- When headphones are connected, no sound will come from the front speakers.

**NOTE**  
Avoiding listening to sound at high Levels for prolonged period of time. This may be harmful to you and may cause hearing loss.

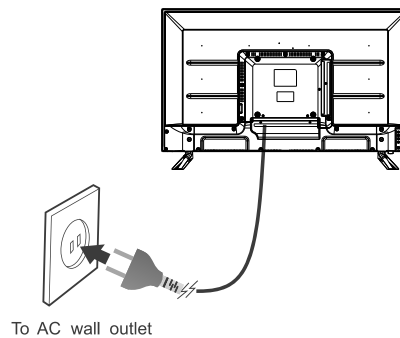


### CONNECTING THE POWER CORD

You can power on your TV unit before you make sure the power cord is inserted well. At the same time, please check that the rated voltage of your unit matches your local Voltage.

#### NOTE

- Insert the power plug fully into the socket outlet (If the power plug is loose, it could generate heat and cause fire.)
- Ensure that the power plug is easily accessible.
- Ensure the earth pin on the power plug is securely connected to prevent electrical shock.
- An apparatus with CLASS II construction shall be connected to a power socket outlet connection.
- Do not touch the power plug with a wet hand (This may cause electrical shock.)
- Do not use any power cord other than that provided with this TV. ( This may cause fire or electrical shock.)
- Do not damage the power cord.
- (A damaged cord may cause fire or electrical shock).
- Do not move the TV with the cord plugged in the socket outlet.
- Do not place a heavy object on the cord or place the cord near a high-temperature object.
- Do not twist the cord, bend it excessively, or stretch it.
- Do not pull on the cord. Hold onto the power plug body when disconnecting cord.
- Do not use a damaged power plug or socket outlet.



## CONNECTIONS

### Connection to a Home Theater Audio System

#### For BEST audio performance

Connecting to a Home Theater System Dolby Digital can deliver optimal 2 channel stereo or surround sound with five discrete full range channels plus a sixth channel for a subwoofer.

Enjoy optimal sound reproduction from your system with a Dolby Digital amplifier that incorporates a digital coaxial input. Connect an optional digital cable directly to the television's Coax audio output to listen through all inputs except VGA.

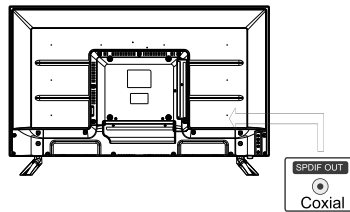
( The VGA does not support digital audio )

#### How To Setup Digital Output

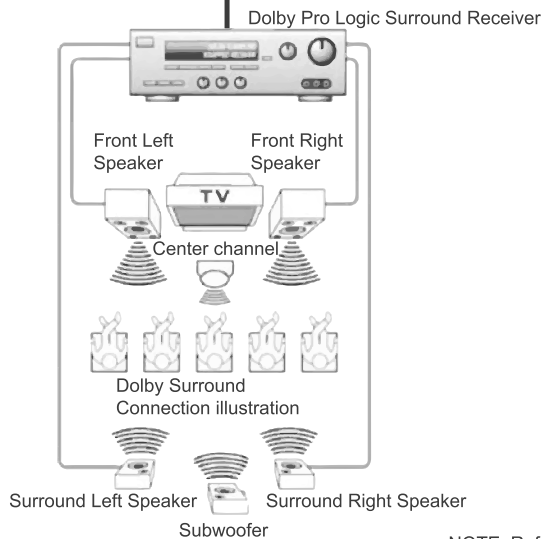
Press the MENU button on the remote control

Press the right ► arrow button to select AUDIO

Press the down ▼ arrow button to highlight SPDIF Type right ► Raw or PCM



optional digital cable



NOTE: Refer to the User Manual from your home theater equipment for recommended audio settings.

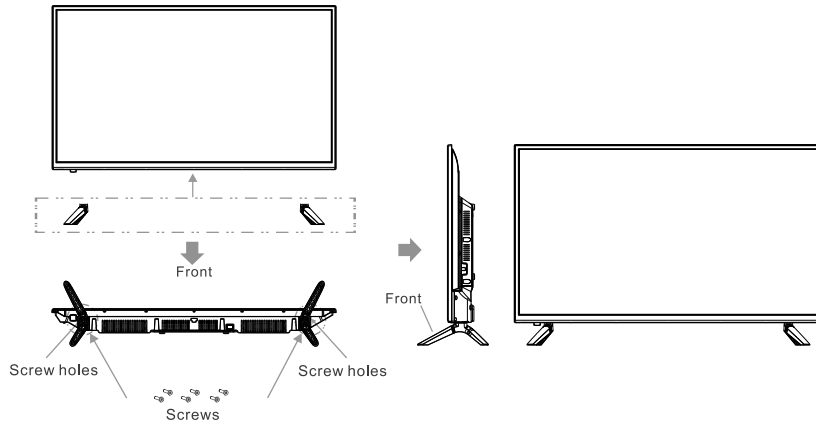
## WALL MOUNT INSTALLATION

### INSTALLING / REMOVING THE BASE STAND

**WARNING:**

The LED Display is very fragile, and must be protected at all times when removing the base stand. Be sure that no hard or sharp object or anything that could scratch or damage the LED display comes into contact with it. Do not exert pressure on the front of the unit at any time because the screen could crack.

1. Disconnect all cables or cords connected to the unit.
2. Lay the unit down on a flat surface with the back side facing up. Please make sure to place a soft cushioned material (such as a pillow or thick piece of foam) beneath the screen.
3. To remove the base stand, loosen screws off the holes then pull downwards to release the base stand.
4. To install the base stand, put the stand into the hole at the bottom of the TV then insert screws to the holes and tighten.



### MOUNTING ON THE WALL

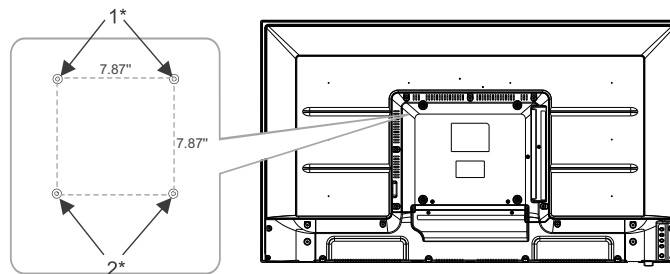
This unit is VESA-compliant, and is designed to be wall-mounted with a VESA-compliant 7.87" x 7.87" (200mm x 200mm) mounting kit designed for flat-panel TVs(not supplied). Mount this unit according to the instructions included in the mounting kit.

**NOTE**

Remove the base stand before mounting the unit on the wall.

1\*-- The length of the two screws(size M6 screw) should not exceed 12 mm.

2\*--When installing a wall hanging, please remove the shell after the two M6x8. self-tapping screws (see chart), put on the hanging bracket, use remove M6x8. self-tapping screw assembly in the original position (not screws substitute) with it.



## INITIAL SETUP

### PUTTING THE UNIT ON A PROPER PLACE

When you turn on your television set for the first time, be sure to place it on a solid stable surface.

To avoid danger, do not expose the TV to water, or a heat source (e.g. lamp, candle, radiator).

Do not obstruct the ventilation grid at the rear and be sure to leave sufficient gaps around the unit.



### TURNING THE UNIT ON FOR THE FIRST TIME

After you have initially connected your TV antenna or cable, turn the television ON.

A screen will display asking you to run a **Channel Auto Scan** to search and receive available local digital channels.

It is here where you will select antenna options and run **Channel Auto Scan**.

Channels will be stored in the TV tuner.

Press the **MENU** button on the remote control. Using the ◀ ▶ buttons, scroll to highlight **TV** mode. Press the ▼ button to highlight **AIR/CABLE**.

Please Run Channel Auto Scan

### SOURCE SELECTION

1. Press the **SOURCE** button on the remote control.
2. Use the ▲ or ▼ button to select the options (TV, AV, Component, HDMI1, HDMI2, HDMI3, PC, USB Media Player) and select any of them using the ▶ button or the **ENTER** button.  
(The screen will change to your desired source).

Note:

1. Before watching please make sure all necessary cables and devices are connected.
2. When connecting the component or AV of DVD devices, First select Component/AV, then the upper right corner of the screen will display corresponding Component or AV.



## INITIAL SETUP

### How to Navigate

**Air Mode:** Select **AIR** when connected to an indoor/outdoor antenna.



Press the ▼ button to highlight **AIR**.



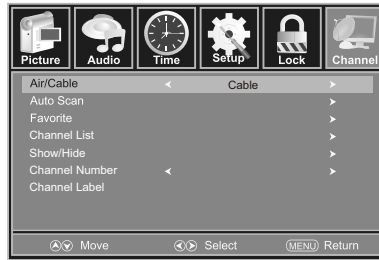
Press the ▼ button to select **AUTO SCAN** then press the ► button to start Channel Auto Scan.



Channel Auto Scan may take several minutes to complete.

**NOTE: For cable or satellite users with no TV antenna, there no need to run Channel Auto Scan.** Connect your cable or satellite set top box to one of the available inputs on the TV for viewing.

**Cable Mode:** Select **CABLE** if you subscribe to a pay television service including satellite.



Using the ◀▶ button to highlight **CABLE**.



Press the ▼ button to select **AUTO SCAN**. Press the ENTER button and the cursor will move up and **CABLE SYSTEM** will be displayed next. Press ► the button to select **STD > IRC > HRC > Auto** (Auto is recommended). Press the ▼ button to select **Auto Scan** and press ENTER to start Channel Auto Scan.



Channel Auto Scan may take several minutes to complete.



## TV SETUP

### PICTURE MENU

The PICTURE menu offers options to enhance and refine the picture displayed on your TV based on ambient room light and personal preferences. Adjustment options include contrast, brightness, color, tint, sharpness and color mode.

#### How to Navigate:

Press the MENU button on the remote control. Navigate using the ◀▶ buttons to select PICTURE.



Press the ▼ button to highlight , then press the ▶ button to select your viewing preference from 5 factory options: STANDARD > DYNAMIC > MOVIE > USER > Power Saving.

The STANDARD setting is recommended for most viewing environments.

Depending on the ambient light level in the room, you may find one of the other options more pleasing.

To make more critical picture adjustments based on your own preferences in USER:

#### **【 Contrast 】**

Use the ▼ button to highlight Contrast.

Navigate using the ◀▶ buttons to increase or decrease contrast intensity.

#### **【 Brightness 】**

Use the ▼ button to highlight Brightness.

Navigate using the ◀▶ buttons to increase or decrease overall brightness.

#### **【 Color 】**

Use the ▼ button to highlight Color.

Navigate using the ◀▶ buttons to increase or decrease color intensity.

#### **【 Tint 】 ( Only works in user mode)**

This feature changes the white balance of the color.

Adjusting tint will affect the skin tone. -50 will increase red, +50 will increase green.

Ideally, the tint scale on the TV OSD should show the red/green color for easy adjustment.

#### **【 Sharpness 】**

Use the ▼ button to highlight Sharpness.

Navigate using the ◀▶ buttons to soften or view crisper edges in the picture.

#### **【 Color Temp 】**

Use the ▼ button to highlight Color Temp.

Navigate using the ◀▶ buttons to select COOL (more bluish tone), NORMAL or WARM.

The default setting is NORMAL. WARM mode will provide color that is calibrated to D6500° Kelvin, the standard color that broadcast stations and the Motion Picture industry consider as the most accurate to view programming.

#### **【 Advanced Setting 】**

Use the ▼ button to highlight Advanced Setting.

Navigate using the ◀▶ buttons to enter the Advanced Setting mode.

#### **Note:**

When adjustments are completed, you may select another menu by pressing the Menu button.

## TV SETUP

### SOUND MENU

The SOUND menu offers options to make sound enhancements while listening through the built-in speakers and personal preferences. Adjustment options include Sound Mode, Bass, Treble.

#### How to Navigate:

Press the MENU button on the remote control. Navigate using the ◀▶ buttons to select Sound.



Press the ▼ button to highlight Sound Mode, then press the ▶ button to select your sound preference from 5 factory options: STANDARD > MUSIC > MOVIE > SPORT > USER.

The STANDARD setting is recommended for most sound environments.

Depending on the surroundings in the room, you may find one of the other options more pleasing.

To make more critical audio adjustments based on your own preferences in USER:

#### 【 Sound Mode】

Use the ▼ button to highlight Sound Mode.

Navigate using the ◀▶ buttons to select the options: Standard / Music / Movie / Sports / User.

#### 【 Treble】

Adjust the treble effect. Increases or decreases high-pitched sounds.

Press ◀ / ▶ button to adjust.

#### 【 Bass】

Adjust the bass effect. Increases or decreases lower-pitched sounds.

Press ◀ / ▶ button to adjust.

#### 【 Balance】

Adjust the balance between left and right speakers to adapt to your listening position.

Press ◀ / ▶ button to adjust.

#### 【 MTS】

Press the ▼ button to highlight MTS.

then press the ▶ button to select your from 3 options: Stereo/SAP/Mono.

#### 【 Audio Language】

Use the ▼ button to highlight Audio Language.

Navigate using the ◀▶ buttons to select to listen to an alternative language broadcast

(if available) English > Spanish > French.

You may select an alternative language using the remote control by pressing MTS)

#### 【 Digital Audio Output】

Use the ▼ button to highlight Digital Audio Output.

Navigate using the ◀▶ buttons to select the options: PCM / Off / Raw.

#### 【 Surround Sound】

Select the speaker sound effect to be surround or not. Default is Off.

Press ▼ / ▲ button to select Surround Sound, then press ◀ / ▶ button to select (On/Off).

#### 【 AVL】

Use the ▼ button to highlight AVL.

Navigate using the ▶ button to turn ON or OFF.

## TV SETUP

### TIME MENU

The TIME menu includes adjustment of settings for your local time zone and daylight savings time. The clock will adjust automatically after the initial Channel Auto Scan of available broadcast channels in your area.

#### How to Navigate:

Press the MENU button on the remote control. Navigate using the ◀▶ buttons to select TIME.



#### 【 Sleep Timer 】

Use the ▼ button to highlight SleepTimer, then press the ► button to select among: 5min, 10min, 15min, 30min, 60min, 90min, 120min, 180min, 240min and off.

#### 【 Time Zone 】

Use the ▼ button to highlight TimeZone, then press the ► button to select among: Pacific > Alaska > Hawaii > Atlantic > Eastern > Central > Mountain.

#### 【 Daylight Saving Time 】

Use the ▼ button to highlight Daylight Saving Time.  
Navigate using the ◀▶ buttons to turn this feature on or off.

#### 【 Time Format 】

Use the ▼ button to highlight Time Format.  
Navigate using the ◀▶ buttons to select the 12-hour or 24-hour.

#### 【 Auto Clock 】

Use the ▼ button to highlight Auto Clock.  
Navigate using the ◀▶ buttons to turn the Auto Clock On or Off.

#### 【 Clock 】

Use the ▼ button to highlight Clock.  
Navigate using the ◀▶ buttons to adjust the clock.

#### Note:

When adjustments are completed, you may select another menu by pressing the Menu button.

## TV SETUP

### SETUP MENU

In the SETUP menu you may change the initial set up of preferences that include settings for language, menu display, computer monitoring, closed captions, enhancement of black detail in the picture and resetting your TV back to its factory default status.

#### How to Navigate:

Press the MENU button on the remote control. Navigate using the ◀▶ buttons to select SETUP



#### **【Menu language】**

Select an OSD menu language can be displayed. Default English is selected as menu language.

Press ◀ / ▶ button to select language. (English / Français / Español)

#### **【Transparent】**

Adjust the transparency of the OSD (on screen display) menu.

Press ◀ / ▶ button to select. (0%, 25%, 50%, 75%, 100%)

#### **【OSD Time out】**

Adjust the duration of the OSD (on screen display) menu.

Press ◀ / ▶ button to select. (5 Sec. / 15Sec. / 30Sec. / 45Sec. / 60Sec.)

#### **【Closed Caption】**

Adjust Closed Captioning settings. Only available under TV and AV source.

Press ENTER / ▶ button to enter.

#### **【Over Scan】**

Press ◀ / ▶ button to select. (On / Off)

#### **【Input Label】**

Use the ▼ button to highlight Input Label.

Create labels for the devices connected to your TV.

Press ENTER / ▶ button to enter.

#### **【Other Settings】**

Set the parameter of audio only, no signal power off and no operation power off.

Press ENTER / ▶ button to enter.

#### **【Restore Default】**

Change power on options or reset TV to factory default.

Press ENTER / ▶ button to enter.

#### **【Setup Wizard】**

Set the first time installation.

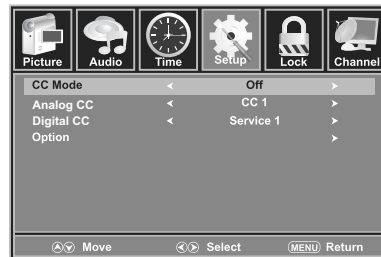
Press ENTER / ▶ button to enter.

## TV SETUP

### SETUP MENU

The SETUP menu includes adjustments for activating the Closed Caption feature for display on the television and customizing CC display types and font styles.

#### How to Navigate:



Press the MENU button on the remote control.

Navigate using the ◀▶ buttons to select SETUP. Press the ▼ button to highlight Closed Caption then press the ▶ button to select from the following options.

#### 【 CC Mode 】

Use the ▼ button to highlight CC Mode.

Navigate using the ◀▶ buttons to select Off > On > CC on Mute.

#### 【 Analog CC 】

Set Closed Captioning for standard(analog) program.

Press ◀ / ▶ button to select.(Off / CC1 / CC2 / CC3 / CC4 / Text1 / Text2 / Text3 / Text4)

#### 【 Digital CC 】

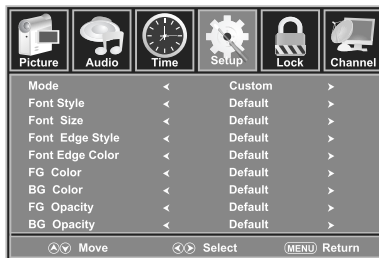
Set Closed Captioning for digital program.

Press ◀ / ▶ button to select.(Off / Service1 / Service2 / Service3 / Service4 / Service5 / Service6)

#### 【 Option 】

Use the ▼ button to highlight Option.

Press the ▶ button to enter a menu with options to customize text fonts, colors and opacities.



#### Note:

When adjustments are completed, you may select another menu by pressing the Menu button.

## TV SETUP

### SETUP MENU

In the SETUP menu you may change the initial set up of preferences that include settings for language, menu display, computer monitoring, closed captions, enhancement of black detail in the picture and resetting your TV back to its factory default status.

#### How to Navigate:

Press the MENU button on the remote control. Navigate using the ◀▶ buttons to select SOUND.



#### 【 Voice Guide 】

Press the ▼ button to highlight Voice Guide.  
then press the ◀▶ button to turn On or Off.

#### 【 Volume 】

Press the ▼ button to highlight Volume.  
then press the ▶ button to select your Volume preference from 3 options: Middle / High / Low.

#### 【 Speed 】

Press the ▼ button to highlight Speed.  
then press the ▶ button to select your Speed preference from 3 options: Middle / High / Low.

#### 【 Pitch 】

Press the ▼ button to highlight Pitch.  
then press the ▶ button to select your Speed preference from 3 options: Middle / High / Low.

#### 【 Video Description 】

Change from the main audio to the secondary audio stream that contains video description, and vice versa.  
Press ◀ / ▶ button to select (On/Off).

#### Note:

When adjustments are completed, you may select another menu by pressing the Menu button.

## TV SETUP

### LOCK(PARENTAL) MENU

In the LOCK(PARENTAL) menu you may block television by inputting passwords. To gain access and select your preferences within the LOCK(PARENTAL) menu make certain your input is set to TV.

#### How to Navigate:

Press the MENU button on the remote control. Navigate using the ◀▶ buttons to select LOCK.



Press the ▼ button to highlight Enter Password. Enter your 4 digit code (factory default code is "0000") unless previously changed.



Use the numeric buttons to input a new 4 digit code by two times.

#### NOTE:

RRT Setting and Reset RRT are not user's adjustable settings.



To change the password, press the ► button to display a screen to enter your new password, then confirm again.

## TV SETUP

### LOCK(PARENTAL) MENU

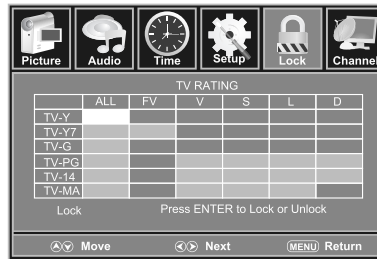
In the LOCK(PARENTAL) menu you may block television and movie programming based on U.S TV and movie rating guidelines. To gain access and select your preferences within the LOCK(Parental) menu make certain your input is set to TV.

#### How to Navigate:

Press the MENU button on the remote control. Navigate using the ◀▶ buttons to select LOCK (Parental).

Press the ▼ button to highlight ENTER PASSWORD. Enter your 4 digit code (factory default code is "0000") unless previously changed.

To set parental controls for television programming or DVD movies, press the ▲▼ buttons to highlight US. Navigate using the ◀▶ buttons to highlight TV/MPAA menu.



Highlight TV, then press the ▶ button to enter the TV Ratings menu to select your preference.

Age	Defined as
TV-Y	Recommended for all children.
TV-Y7	Directed to older children.
TV-G	General Audience.
TV-PG	Parental Guidance Suggested.
TV-14	Parental Strongly Cautioned.
TV-MA	Mature Audience only.

Contents	Defined as
FV	Fantasy Violence
D	Suggestive Dialogue
L	Strong Language
S	Sexual Situations
V	Violence



Rating	Defined as
N/A	Not rated.
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 theater.
X	Adult audience only.

Highlight MPAA then press the ▶ button repeatedly to select your movie rating preference.



## TV SETUP

### LOCK(PARENTAL) MENU

In the LOCK(PARENTAL) menu you may block television and movie programming based on Canadian TV and movie rating guidelines. To gain access and select your preferences within the LOCK(Parental) menu make certain your input is set to TV.

#### How to Navigate:

Press the MENU button on the remote control. Navigate using the ◀▶ buttons to select LOCK. Press the button to highlight ENTER PASSWORD. Enter your 4 digit code (factory default code is "0000") unless previously changed.

To set parental controls for television programming or DVD movies, press the ▲▼ buttons to highlight Canada. Navigate using the ◀▶ buttons to highlight Canada English/Canada French menu.



Rating	Description
E	Exempt.
C	Children.
C8 +	Recommended for children age 8 and older.
G	GENERAL AUDIENCES, Suitable for all ages
PG	PARENTAL GUIDANCE SUGGESTED -Some material may not be suitable for children.
14 +	Viewers 14 years and older
18 +	Adult Programming.

Navigate using the ▼ button to highlight CANADA ENGLISH, then press the ▶ button repeatedly to select your ratings preference.



Rating	Description
E	Exempt.
G	GENERAL AUDIENCES, Suitable for all ages.
8 ans+	Not recommended for young children.
13 ans+	Not suitable for children under the age of 13.
16 ans+	Not suitable for children under the age of 16.
18 ans+	Adult Programming.

Navigate using the ▼ button to highlight CANADA FRENCH, then press the ▶ button repeatedly to select your ratings preference.

#### NOTE:

When adjustments are completed, you may select another menu by pressing the Menu button.

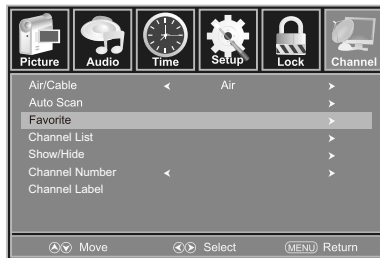
## TV SETUP

### TV(CHANNEL) MENU

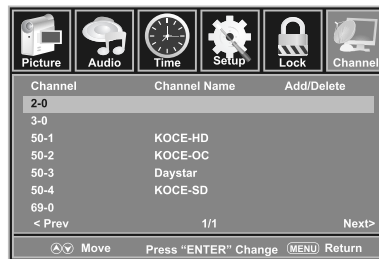
The TV(CHANNEL) menu provides for the setup of your television to receive TV channels, store your favorites, add or skip channels and label them by their call letters.

#### How to Navigate:

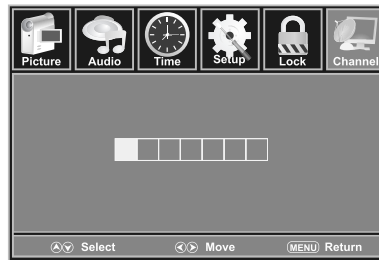
Press the MENU button on the remote control. Navigate using the ◀▶ buttons to select TV. Press the ▼ button to highlight your preferences.



Highlight FAVORITE to add channels to your Favorites List. Navigate using the ▲▼◀▶ buttons to select channels to be added or deleted from your list. Press the ENTER button to add or delete a channel. A checkmark indicates a channel has been added. You may also display your favourite list from the remote control by pressing FAV.



Highlight to select Show/Hide or skip channels already in memory. Navigate using the ▲▼◀▶ buttons to access the list of available channels. Press the ENTER button to change the channels status. A checkmark indicates a channel has been added.

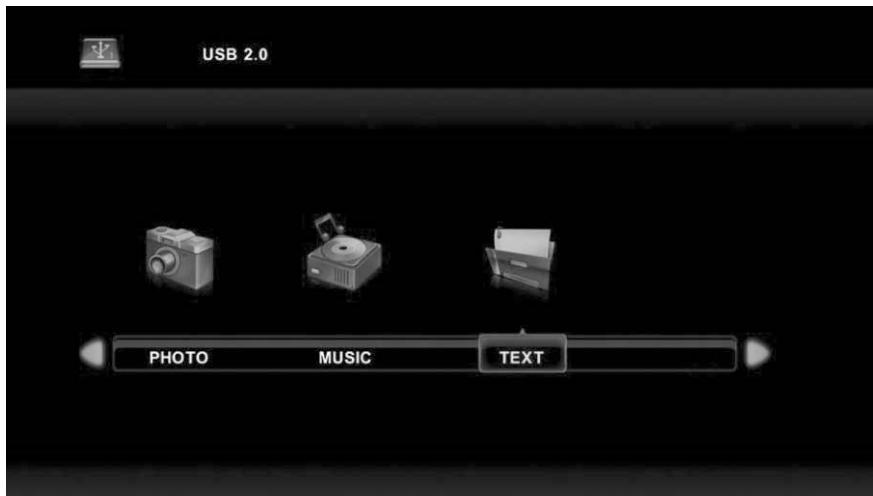


Highlight CHANNEL LABEL to name or rename a broadcast channel. Navigate using the ▶ button to enter the screen menu to re-label a channel. Use the ▲▼ buttons to spell out each letter, number or character. Use the ◀▶ buttons to advance to the next space.

## TV SETUP

### Media

The color of the icon means whether your TV has detected a USB memory or not.  
Blue: Yes; Gray: No;  
Support format: TEXT for Text, MP3 for music, JPG and JPEG for photo.  
It can not play video format.



Press ◀/▶ to select Photo/Music/ Text icon and ENTER to enter the USB memory.















## TV SETUP

### Photo



Select one and press ENTER to view, and it will display all the picture in the folder automatically.

Press ENTER to display the following menu, then you can press to select them.

- |  |  |  |                                     |
|--|--|--|-------------------------------------|
|  Play       | Press to play or pause.  |  prev.    | Press to view the previous picture. |
|  Next       | Press to view the next picture.  |  Playlist | Press to view the list of pictures. |
|  Rotate     | Rotate clockwise.  |  Rotate   | Rotate counterclockwise.            |
|  Zoom out   | Zoom the picture out.  |  Zoom in  | Zoom the picture in.                |
|  Stop       | Press to stop and back to the previous folder.   |  |                                     |
|  Repeat All | Press to play all the pictures repeatedly in the current folder.<br>Press ENTER to select the repeat mode: Repeat 1/ALL/None |  |                                     |
|  Slide Show | Press to enter the Slide Show mode.  |  |                                     |
|  Music      | Press to play or stop the background music.  |  |                                     |
|  Info       | Press to display the information of the current picture (Resolution/Size/Date/Time)  |  |                                     |
|  Move View  | Zoom out the picture first.<br>Highlight the icon and press ENTER, then press ▼/▲&◀/▶ to move the picture.                   |  |                                     |

## TV SETUP

### Music



Press ENTER to display the menu.



Press to play or pause.



Press to play slower.



Press to play faster.



Press to play the previous song.



Press to play the next song.



Press to stop and back to the folder interface.



Press to view the list of songs.



Press to play all the musics repeatly in the current folder.  
Press ENTER to select the repeat mode: Repeat 1/ALL/None

## TV SETUP

### TEXT



Note: The \*.txt file can be detected and read only.

Press ENTER to display the menu.



Prev Page

Press to the previous page.



Prev.

Press to the previous text file.



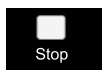
Next Page

Press to the next page.



Next

Press to the next text file.



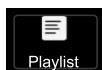
Stop

Press to stop and back the folder interface.



Music

Press to play or stop the background music.



Playlist

Press to view the list of the text files.



Info

Press to display the information of the current files.

## DISPLAY MODE

### PC FORMATS

SUPPORTED PC INPUT MODE			
Resolution	Horizontal Scanning Frequency (kHz)	Vertical Scanning Frequency (Hz)	Form at
640 X 480	31.5	60.0	DOS
800 X 600	35.1	56.2	VESA
800 X 600	37.9	60.0	VESA
1024 X 768	48.4	60.0	VESA
1366 X 768	66.6	60.0	VESA

**NOTE:**

This product does not support the display mode not listed above. In order to achieve the best display effect, please select the above-listed 5 display modes input signal.

Because of the difference of display drivers output signal (especially non-standard signal output), the display image may appear little disturbance which can be adjusted on the PC menu.

To prolong this unit's service life, please set your computer to power management mode.

## DISPLAY MODE

### VIDEO FORMATS

SUPPORTED COMPONENT/ HDMI INPUT MODE			
Resolution	Horizontal Scanning Frequency ( kHz )	Vertical Scanning Frequency (Hz)	Format
720 x 480	31.47	59.94	480 i
720 x 480	15.734	59.94	480 p
1280 x 720	37.5	50	720 p
1280 x 720	45	60	720 p
1920 x 1080	31.25	50	1080 i
1920 x 1080	33.75	60	1080 i
1920 x 1080	27	24	1080 p
1920 x 1080	56.25	50	1080 p
1920 x 1080	67.50	60	1080 p

**NOTE:**

The above listed formats are also related to the AV devices you are about to connect. Before you connect this unit with others please read all instructions carefully and make sure all necessary cables are connected.

This unit may be incompatible with some other formats which are not meet the above conditions.



## SPECIFICATION

ModelDescription		39"LED TV
Panel	Panel Type	LED Panel
	Diagonal Size	39 inches
	Screen Format	16:9
	Resolution	1366 x 768
	Brightness	200 nits
	Contrast	3000 : 1
	View Angle	176(H)/176(V)
	Response Time	6.5 ms
	Maximum Color	16.7M colors
	Refresh Rate	60Hz
Systems	Color System	ATSC/NTSC
	Sound System	M
	Audio System	MTS
	Sound Output	L/RSpeaker: 8W+8W
Input / Output Jacks	RF Input	75 ohm external terminal
	HDMI Input	Video: 480i,480p,576i,576p,720p Audio: Two channel linear PCM32, 441 and 48kHz , 16, 20 and 24bits
	PC-RGB Input	D-sub 15pin G: 0.7Vp-p, 75 ohms B: 0.7Vp-p, 75 ohms R: 0.7Vp-p, 75 ohms
	Composite Video Input	1.0 Vp-p, 75 ohms RCA
	Component / YPbPr Input	RCA Y: 1.0 Vp-p, 75 ohms, 0.3V negative sync Pb: 0.7Vp-p, 75 ohms Pr : 0.7Vp-p, 75 ohms
	Sound Input	Component AUDIO: For Component Audioinput AV AUDIO: For CVBS Audioinput PC AUDIO: For PC RGB Audio input 500mV rms. Impedance: 20k ohms
	Digital Audio Out	SPDIF Coaxial
Power	Power Requirement	100-240V~ 50/60Hz
	Rated power consumption	55W

This manual is only for your reference.  
Specifications are subject to update without prior notice.

## TROUBLESHOOTING GUIDE

SYMPTOM	CAUSE (AND REMEDY )
TV	
Bad Picture (snow, multiple images distortion, blurry)	<ul style="list-style-type: none"> <li>• Check the location of the antenna and adjust it if necessary.</li> <li>• Make sure the antenna cable is firmly connected.</li> <li>• Make sure all input cables are firmly connected.</li> </ul>
No sound.	<ul style="list-style-type: none"> <li>• Increase the volume.</li> <li>• Check whether the mute function has been activated on the Remote Control.</li> </ul>
Black and White picture.	<ul style="list-style-type: none"> <li>• Check the PICTURE setting within the PICTURE menu.</li> <li>• Check to make sure the program you are watching is broadcast in Color and not Black &amp; White.</li> </ul>
No picture or sound.	<ul style="list-style-type: none"> <li>• Make sure the unit is plugged in and turned on.</li> <li>• Make sure that the ATV mode is selected.</li> <li>• Try a new channel to check for possible station trouble.</li> <li>• Make sure the antenna is connected properly.</li> <li>• Increase the volume.</li> <li>• Make sure the antenna or audio/video source device is working properly.</li> <li>• Make sure all cables are firmly connected.</li> <li>• Check for local interference.</li> </ul>
Colored patches of picture.	<ul style="list-style-type: none"> <li>• Make sure there are no unshielded electrical devices nearby that are causing interference.</li> <li>• Turn the TV off for 30 minutes, then try it again.</li> </ul>
Panel function key does not respond correctly.	<ul style="list-style-type: none"> <li>• Under the influence of electrostatic phenomenon, the product may malfunction and require user to power reset.</li> <li>• Unplug and re-plug the AC power cord.</li> </ul>
The display monitor's panel gets hot.	<ul style="list-style-type: none"> <li>• LED TV takes inside light phosphor. It may increase the temperature of the screen in some occasions. It's not a defect.</li> </ul>
Unusual dots	<ul style="list-style-type: none"> <li>• Black dots and Bright points may appear on the LED screen. This is a structural property of the LED panel and is not a defect.</li> </ul>
Stripes on screen	<ul style="list-style-type: none"> <li>• Adjust the impulse phase may decrease stripes. ( RGB in )</li> </ul>
The top of the monitor gets hot .	<ul style="list-style-type: none"> <li>• It may occur during long-time working. It's not a defect.</li> </ul>
Unable to select a certain channel.	<ul style="list-style-type: none"> <li>• The channel may be skipped. Choose this channel by directly selecting the buttons from the remote control.</li> </ul>
Disorder display at power on.	<ul style="list-style-type: none"> <li>• This may be caused because of a very short interval between POWER OFF and ON.</li> <li>• Unplug the power and restart.</li> </ul>

