RCA

INSTRUCTION MANUAL

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

Model: RLC3708A-B

CONTENTS

CONTENTS

SAFETY   CLASS :This is an IEC safety class I product and it must be grounded for safety.

SAFETY PRECAUTION

* CAUTION MARKING WAS LOCATED AT THE REAR OF THE APPARATUS.

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN
DO NOT EXPOSE THIS UNIT TO RAIN OR MOISTURE
AVIS RISQUE DE CHOC ÉLECTRIQUE — NE PAS OUVRIR

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.

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 beof 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.

CAUTION

• DANGER OF EXPLOSION IF BATTERY IS INCORRECTLY REPLACED. REPLACE ONLY WITH THE SAME OR EQUIVALENT TYPE.

• USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.

WARNING:

• TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE. TO REVENT FIRE OR SHOCK HAZARD, DO NOT
• EXPOSE THIS UNIT TO RAIN OR MOISTURE. DO NOT PLACE OBJECTS FILLED WITH LIQUIDS ON OR NEAR THIS UNIT.
• SHOULD ANY TROUBLE OCCUR, DISCONNECT THE AC POWER CORD AND REFER SERVICING TO A QUALIFIED TECHNICIAN.

PLACEMENT INFORMATION

• Do not use this unit in places that are extremely hot, cold, dusty or humid.
• Do not restrict the airflow of this unit by placing it somewhere with poor airflow, by covering it with a cloth, by placing it on bedding or carpeting.

SAFETY INFORMATION

• When connecting or disconnecting the AC power cord, grip the plug and not the cord itself. Pulling the cord may damage it and create a hazard.
• When youare not going to use the unit for a long period of time, disconnect the AC power cord.

RATING PLATE LOCATION

The rating plate is located on the rear of the unit.

FCC STATEMENTS

NOTE: This unit 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 unit 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 communication. However, there is no guarantee that interference will not occur in a particular installation. If this unit does cause harmful interference to radio or television reception, which can be determined by turning the unit 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 unit and receiver.
-Connect the unit into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

WARNING:

Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user authority to operate the 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 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 defect the safety purpose of the
   polarized or grounding-type plug.
   A polarized plug has two blades with one
   wider than the other.
   A groundingtype 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
   wall 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
    apparatushas been damaged in any way,
    such as the power 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)To prevent electric shock, ensure the grounding
    pin on the AC cord power plug is securely
    connected.

ACCESSORIES

Please check and identify the supplied accessories.

Remote control ....x 1

Battery(AA) ....x 2

Warranty Card .... x 1

Instruction Manual ....x 1

Base stand and 6 screws .... x 1

Screw driver .... x 1

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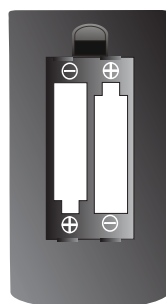
BATTERY REPLACEMENT
When the batteries become weak, the operating distance of the remote control is greatly
reduced and you will need to replace the batteries.

⚠ **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.

REMOTE CONTROL
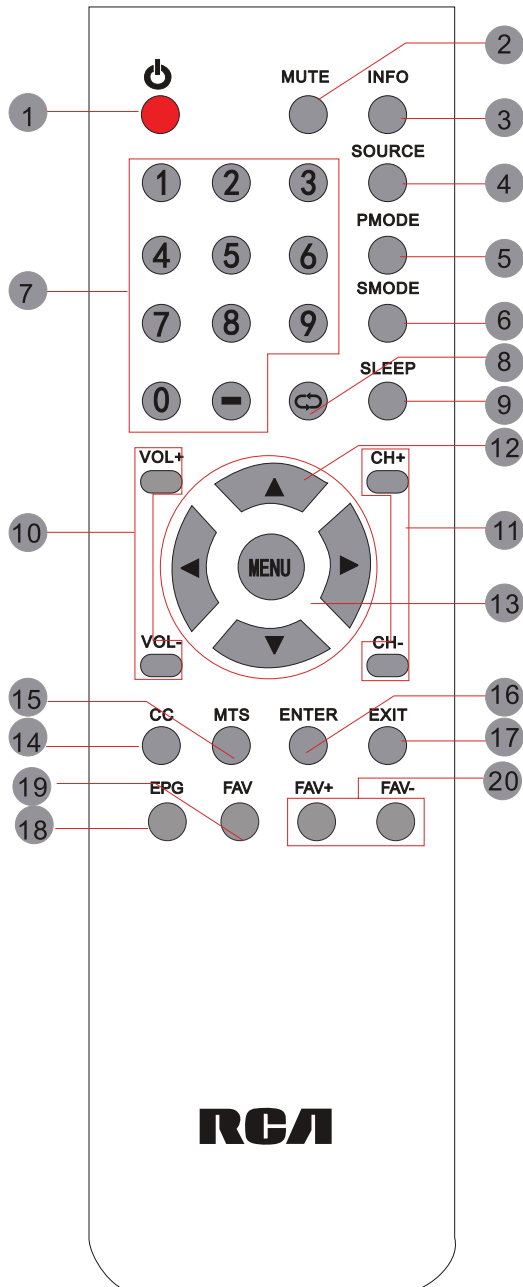
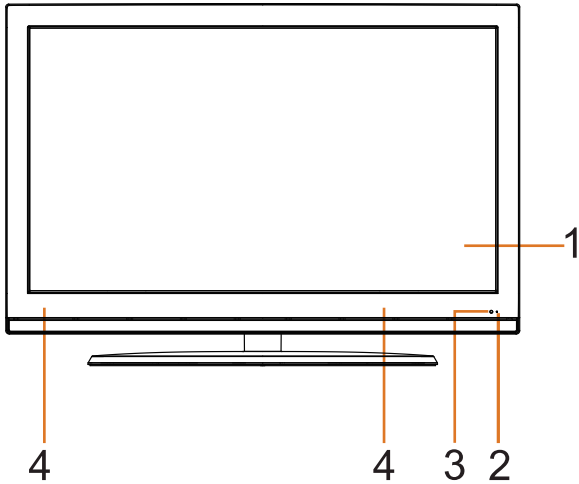**1.STANDBY**
To switch on the TV or make the TV into standby mode.

2.MUTE
Press this button to mute or restore sound.

3.INFO
Show the information of the program you are watching.

4.SOURCE
Press this button to select an input source.

5.PMODE
Press this button to select a picture mode for different picture qualities.

6.SMODE
Press this button to select sound setting for different sound effects.

7.0-9
Allows you to change the channel of the TV.

8.
Switches back and forth between the current and previous channels.

9.SLEEP
To select the amount of time before your TV turns Off automatically.

10.VOL+/VOL-
Increases/Decreases the Volume control.

11.CH+/CH-
Skips to the next/previous channel on TV mode.

12.UP/DOWN/LEFT/RIGHT
Moves the cursor upward/downward/to the left/to the right when making a selection.

13.MENU
Displays the OSD Menu of the TV.

14.CC
Press the button to enter into the CC mode.

15.MTS
To change among STEREO, MONO and SAP. If there is no second language available for the signal received, LCD Display audio will output to mono.

16.ENTER
Press to confirm selections on a menu screen.

17.Exit
Press this button to exit the on screen display.

18.EPG
Press this button to select the electronic programme guide in DTV mode.

19. FAV
Press this button to show the favourite list.

20. FAV+/FAV-
Press this button to go through the FAV channel list.

Universal Remote Code: 1218
(Universal Remote Control is not included.)

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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

4   4 3 2

BACK VIEW
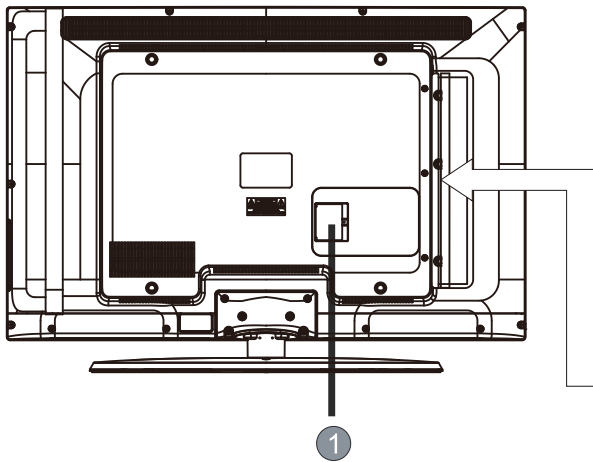
1.Power cord
2.Coax OUT Jack
3.TV ANTENNA Terminal
4.VGA IN Jack
5.PC AUDIO IN Jack
6.HDMI IN Jack
7.Service Port
8.AUDIO OUT Jack
(Audio out- This connection is for sending out
analog audio signal to the 2nd equipment.Red
is for Right Channel, white is for Left Channel.)
9.AV (VIDEO/ AUDIO R/L) IN
10.COMPONENT IN Jack
11.Headphone Jack
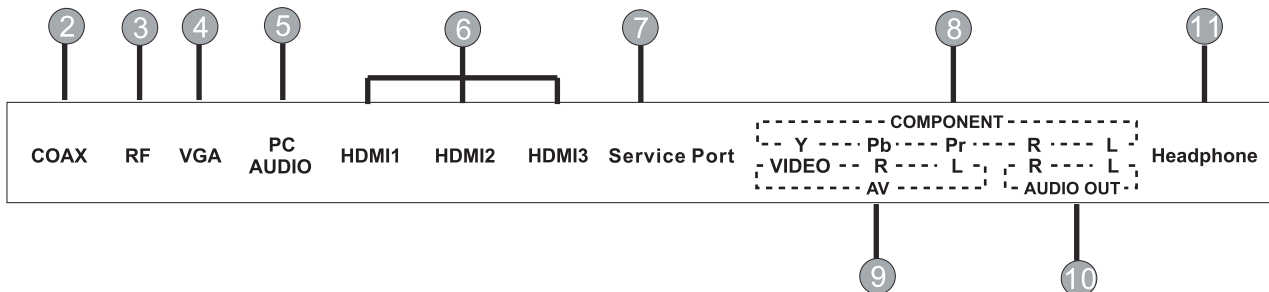
| COAX | RF | VGA | PC AUDIO | HDMI1 | HDMI2 | HDMI3 | Service Port | COMPONENT Y Pb Pr R L / VIDEO R L AV | AUDIO OUT R L | Headphone |

SIDE VIEW

1 ——— **VOL+**

2 ——— **VOL-**

3 ——— **CH+**

4 ——— **CH-**

5 ——— **MENU**

6 ——— **SOURCE**

7 ——— **STANDBY**
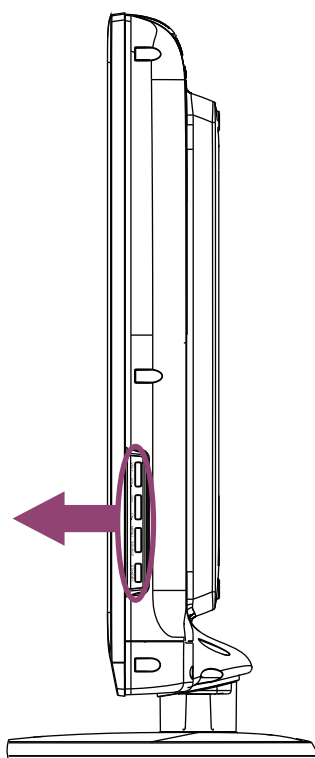
1. VOL+ Button
Press to adjust the volume up.

2. VOL- Button
Press to adjust the volume down.

3. CH+ Button
Press to change the TV channels and up
highlight selections on the menu screen.

4. CH- Button
Press to change the TV channels and down

highlight selections on the menu screen.

5. MENU Button
Press to display the on-screen TV menu.

6. SOURCE Button
Press to select the input source of the TV,
and then, press to confirm.

7. STANDBY Button
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.
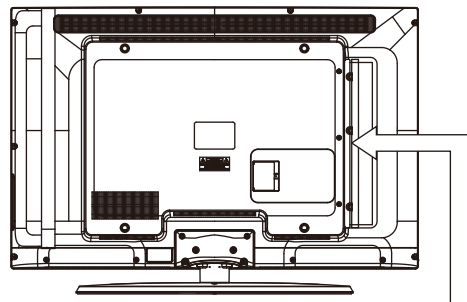
Satellite, cable or TV antenna
cable to TV ANTENNA
terminal (cable not included)

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.

YELLOW   RED   WHITE
VIDEO IN   AUDIO   IN
R   L

To AUDIO / VIDEO
OUT jacks

VCR / VIDEO GAME
SYSTEM /
CAMCORDER etc.

To AUDIO / VIDEO
IN jacks

7
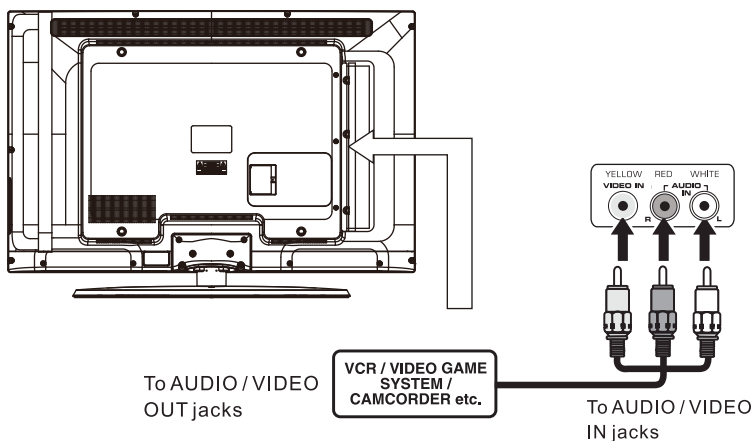
CONNECTIONS

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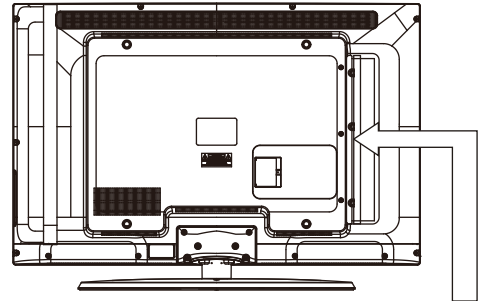
* May require a subscription
  for receiving HD channels,
  check with your cable/satellite
  service provider for details.

COMPONENT IN

GREEN BLUE RED   RED   WHITE
COMPONENT VIDEO IN   AUDIO
YUV IN   Y   PB   PR R   L

To COMPONENT
VIDEO IN jacks

To COMPONENT
VIDEO OUT jacks

To COMPONENT AUDIO
OUT jacks

HD SOURCE
With component video output
(Digital Cable Box*,
Satellite Receiver* or
external over-the-air HD-Tuner)

To COMPONENT
AUDIO IN jacks

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-top boxes 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 HDMIcompliant 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.
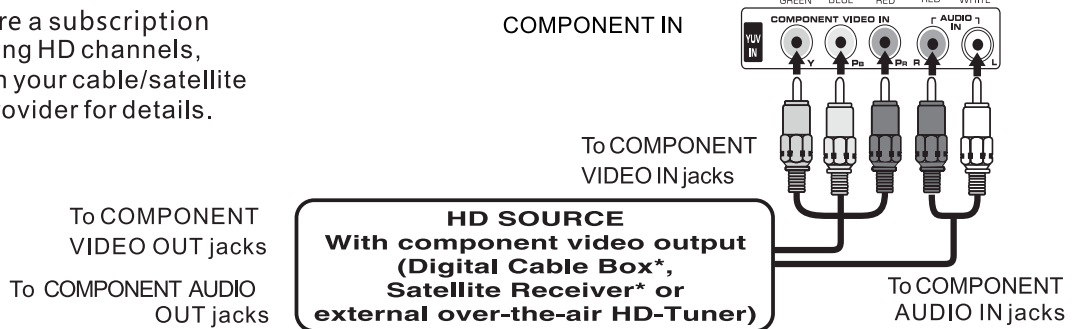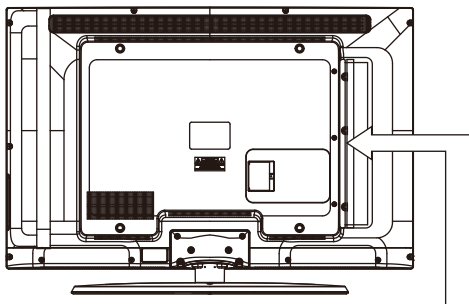
Connect the HDMI cable (not included) as
shown:
Make sure you connect the cable from the
source equipment (HDMI OUT) to this unit
(HDMI IN).

HDMI IN
HDMI

HDMI CABLE
(NOT INCLUDED)

HD SOURCE
With component video output
(Digital Cable Box*,
Satellite Receiver* or
external over-the-air HD-Tuner)

To HDMI
IN jack

To HDMI
OUT jack
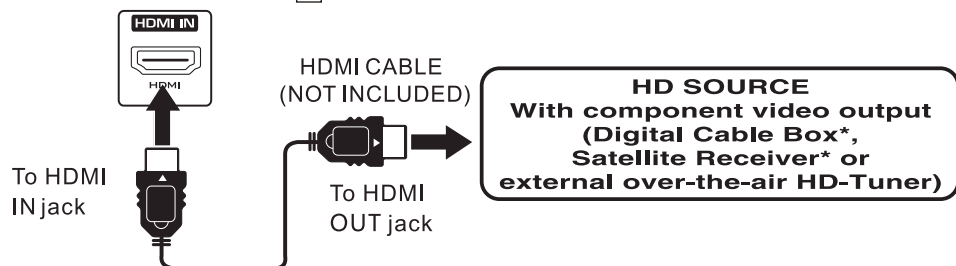
CONNECTIONS

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).

TO AUDIO OUT jacks

TO PC Connector
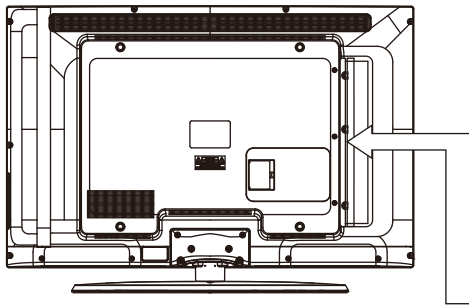
CONNECTING HEADPHONES

• 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
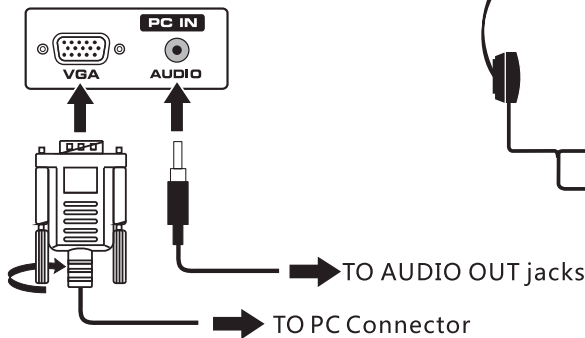Avoiding listening to sound at high Levels for prolonged period of time. This may be harmful to you and may cause hearing loss.
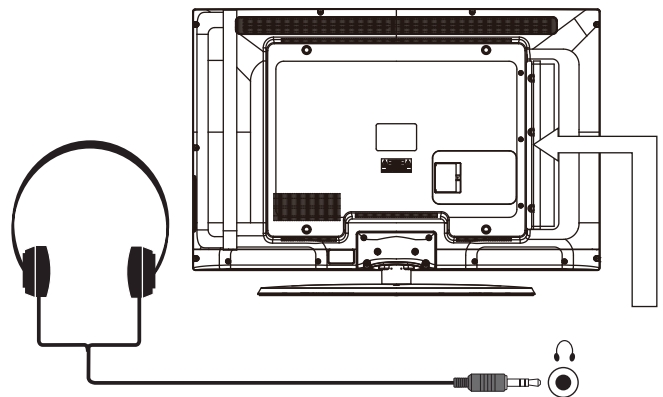
Headphones
(1/8"[3.5mm]diameter plug)
NOT INCLUDED

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 I construction shall be connected to a power socket outlet with a protective grounding 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.

To AC wall outlet

9
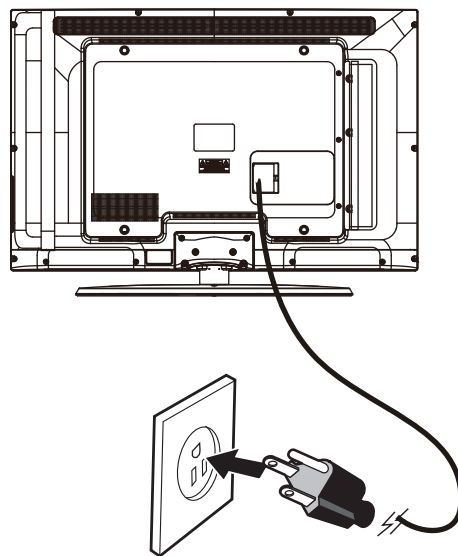
Connection to a Home Theater Audio System

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 SOUND
and Press ENTER to enter the submenu.
Press the down ▼ arrow button to highlight
Digital Audio Output and press ◄► to
change setting from PCM, Raw or Off.

SOUND

Sound Settings	
Surround Mode	■
AVL	■
Analog Sound	Stereo
Digital Sound	English
Digital Audio Output	PCM
Equalizer Settings	

MENU:Return ⬍:Move ◄► :Change Setting

SPDIF OUT
Coax

optional digital cable

Dolby Prologic
Surround Receiver

Front Left
Speaker

Front Right
Speaker

TV

Center Channel

Dolby Surround
Connection Illustration

Surround Left Speaker

Surround Right Speaker

Subwoofer

*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 LCD 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 LCD 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.
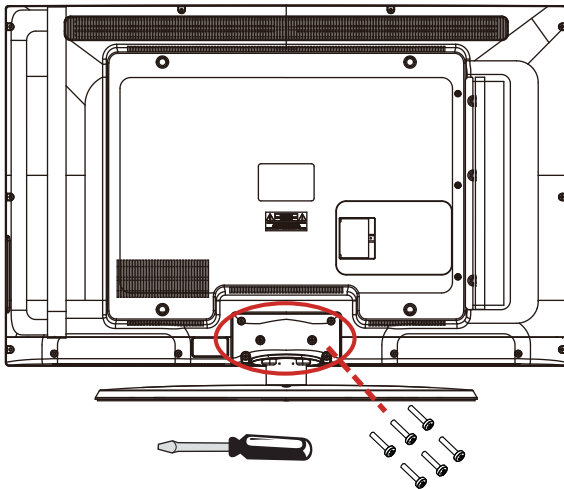
MOUNTING ON THE WALL
This unit is VESA-compliant, and is designed to be wall-mounted with a VESA-compliant 16″ x 16 ″
(400mm x 400mm) mounting kit designed for flat-panel TVs (not supplied). Mount this unit according to
the instructions included in the mounting kit.
Length of screw should not exceed 10 mm.

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

16”

16”

Four mounting hol
(size M5 screw)

11
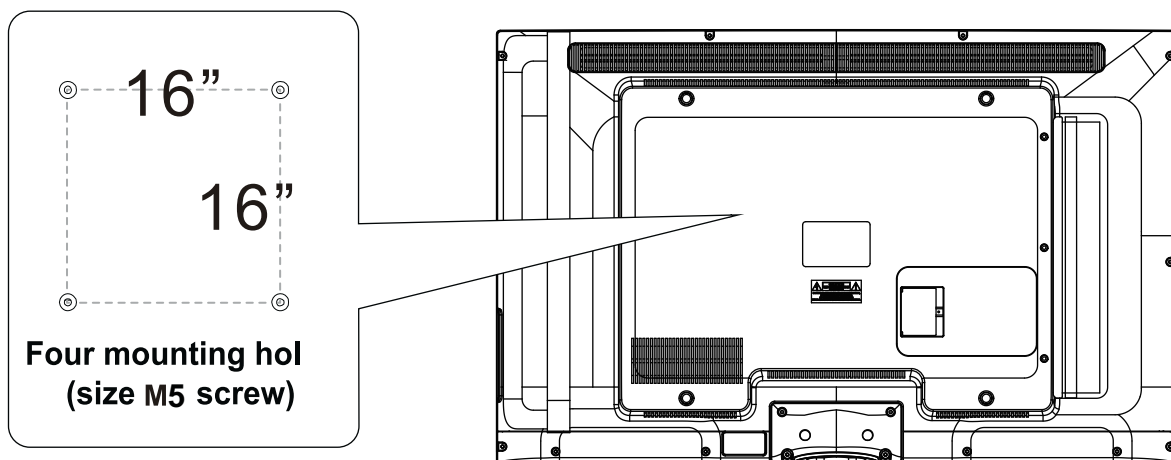
INITIAL SETUP

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 **Initial Setup** menu to search and receive available local digital channels.

It is where you will select **Menu Language** and choose your **Signal Type** between Air and Cable.

Initial Setup	
Menu Language	English
Signal Type	Air
Auto Channel Search	Execute

MENU:Return ⬍:Move ◀▶:Change Setting
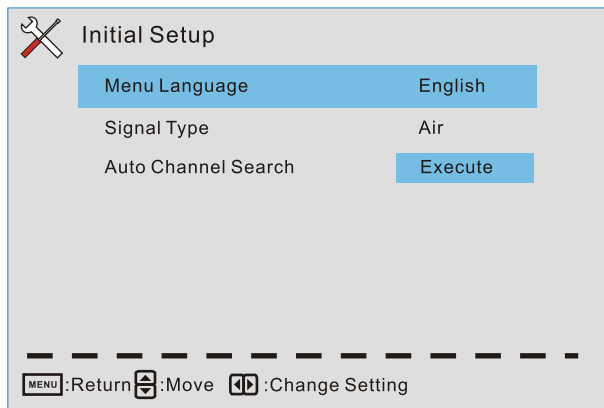
After that , you can choose **Auto Channel Search** and then it will search analog channels first, then digital channels.

Before execute auto channel search, please confirm your antenna type is **Air** or **Cable.** Wrong setting of Signal Type maybe cause finding no channel.

AUTO CHANNEL SEARCH - Air

Now Searching... Please Wait...

Return

Analog Channels Found: 0

Digital Channels Found: 0

2%

ENTER :Stop Auto Channel Search   MENU :Skip
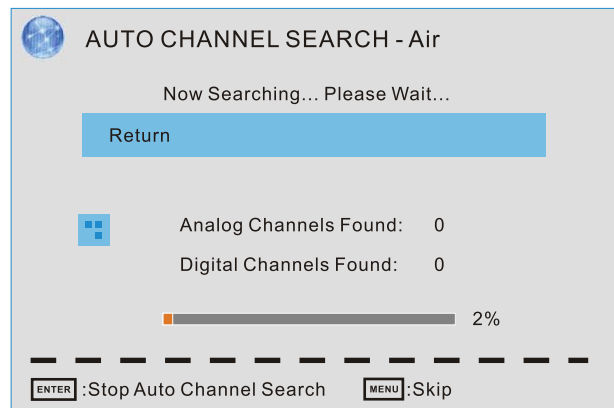
TV SETUP

SOURCE SELECTION

1. Press the **SOURCE** button on the remote control.
2. Use the ▲ or▼ button to select the options
(TV,AV,YPbPr, HDMI1,HDMI2,HDMI3,PC)

and select any of them using the ▶ button or the **ENTER** button.
 (The screen will change to your desired source).

Note :
Before watching please make sure all necessary cables and devices are connected.

Source Select
TV
AV
YPbPr
HDMI1
HDMI2
HDMI3
PC

Main MENU

PICTURE   SOUND   CHANNEL   PARENTAL   SETUP   OTHERS

Press MENU to display the main menu or return to the previous menu or close the main menu.
Press ◄/► to high light the desired menu icon, and press ENTER to select.
If no buttons are pressed, the menu will close automatically after about 10 seconds.

Main Menu Description

PICTURE

Picture Settings	►►
Screen Size	Wide
PC Settings	
Color Temperature	Normal
Advanced Picture Settings	

MENU:Return :Move ENTER/ :Go to Next Menu
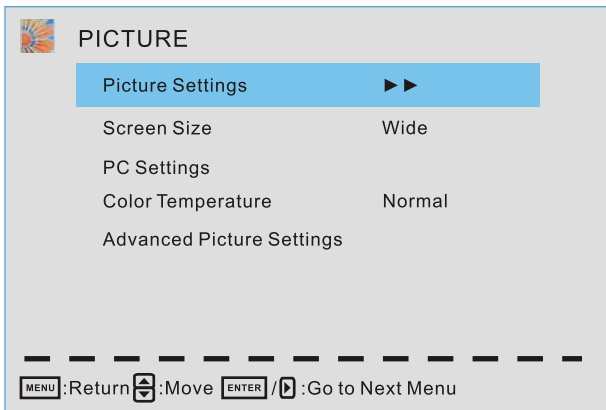
Picture Menu

Adjust your picture settings.
The operations are slightly different among different source.

SOUND

Sound Settings	►►
Surround Mode	■
AVL	■
Analog Sound	Stereo
Digital Sound	English
Digital Audio Output	PCM
Equalizer Settings	

MENU:Return :Move ENTER/ :Go to Next Menu
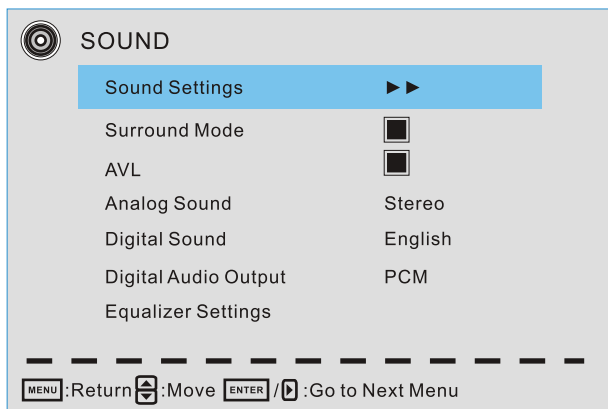
Sound Menu

Adjust the sound settings.

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CHANNEL

Channel List	►►
Favorite List	
Channel Settings	
Signal Type	Air
Auto Channel Search	Execute

`MENU`:Return `⬍`:Move `ENTER`/`▶`:Go to Next Menu
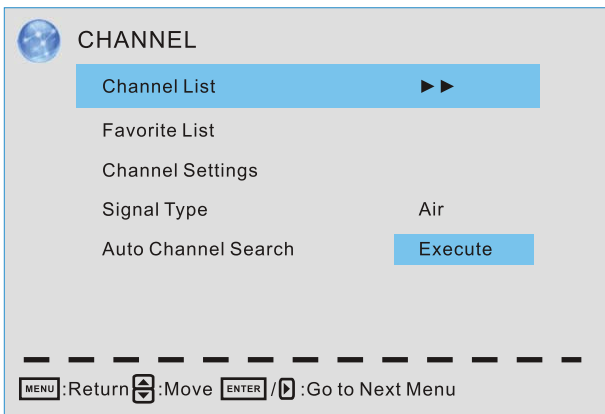
Channel Menu

Customize your channel settings.

PARENTAL CONTROL

Lock Parental Control	■■■■
V-CHIP	
Change Password	

`MENU`:Return `0-9`:Enter password
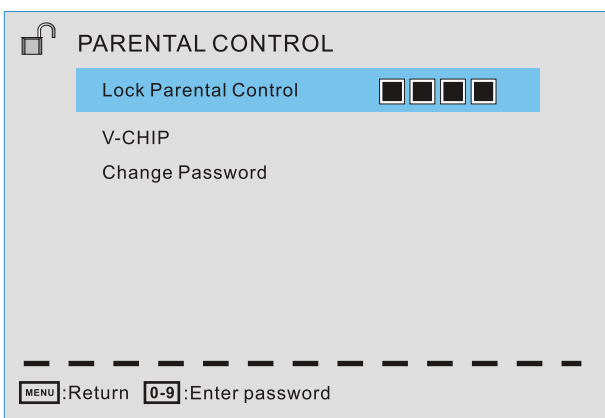
Parental Control Menu

Set program rating control.

SETUP

Closed Caption	►►
Menu Language	English
Clock	

`MENU`:Return `⬍`:Move `ENTER`/`▶`:Go to Next Menu
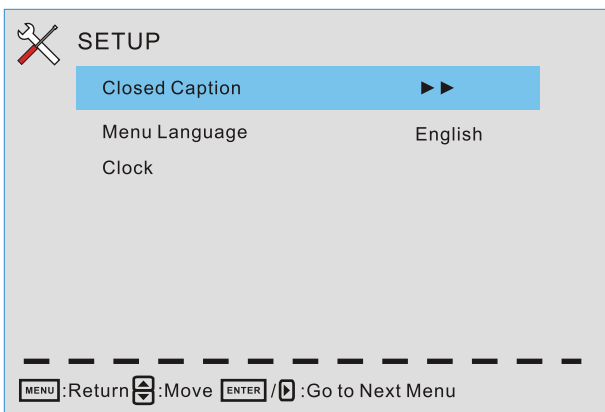
Setup Menu

Select closed caption options, language and time.

OTHERS

Blue Back	☑
No Signal Power Off	☑
No Operation Power Off	☐
All Reset	Execute
Audio Only	Execute

`MENU`:Return `⬍`:Move `ENTER`:On/Off
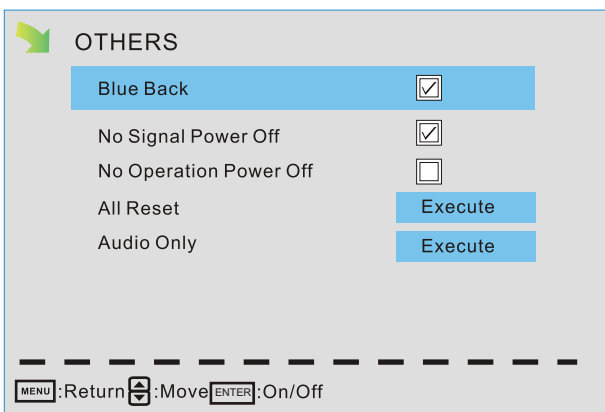
Other Menu

Set the OSD blue background, whether auto power off if no signal or no operation, clear all user settings, etc.

14

TV SETUP

Picture Menu

```
┌────────────────────────────────────────┐
│  🎆  PICTURE                            │
│                                         │
│   ┌──────────────────────────────────┐  │
│   │ Picture Settings        ►►        │  │
│   └──────────────────────────────────┘  │
│     Screen Size           Wide          │
│     PC Settings                         │
│     Color Temperature     Normal        │
│     Advanced Picture Settings           │
│                                         │
│                                         │
│  ▬ ▬ ▬ ▬ ▬ ▬ ▬ ▬ ▬ ▬ ▬ ▬ ▬            │
│  MENU :Return ⬍:Move ENTER /▶ :Go to Next Menu │
└────────────────────────────────────────┘
```
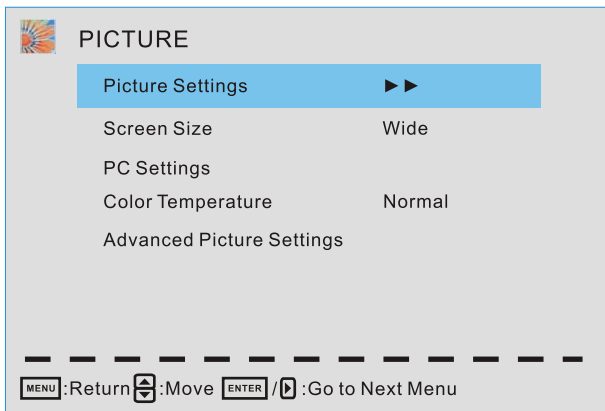
Press ▲/▼ to highlight one of the following options, then press ENTER or ► to enter next submenu to adjust it. Press EXIT to clear on-screen menu or MENU back to the previous menu.

Picture Settings

Adjust the picture quality including brightness, contrast, color, tint, sharpness.

Screen Size

Press ◄/► to select the display aspect ratio till the picture is fit onto the screen. The operations are different according to different input source.

PC Settings

The item is available only for PC DB15 input mode.

Color Temperature

Press ◄/► to select the color temperature that you feel comfortable.

Cool   Gives white colors a blue tint.

Normal   Gives white colors a neutral tint.

Warm   Gives white colors a red tint.

Advanced Picture Settings

The Item is some special picture feature.

Picture Settings

```
┌─────────────────────────────────────────┐
│  ☀  PICTURE SETTINGS                     │
│                                          │
│    Picture Mode          Standard        │
│                                          │
│    Brightness         ◄||||||||||►       │
│    Contrast           ◄||||||||||►       │
│    Color              ◄||||||||||►       │
│    Tint               ◄||||||||||►       │
│    Sharpness          ◄||||||||||►       │
│                                          │
│  ─ ─ ─ ─ ─ ─ ─ ─ ─ ─ ─ ─ ─              │
│  MENU:Return ♦:Move ◄►:Change Setting    │
└─────────────────────────────────────────┘
```
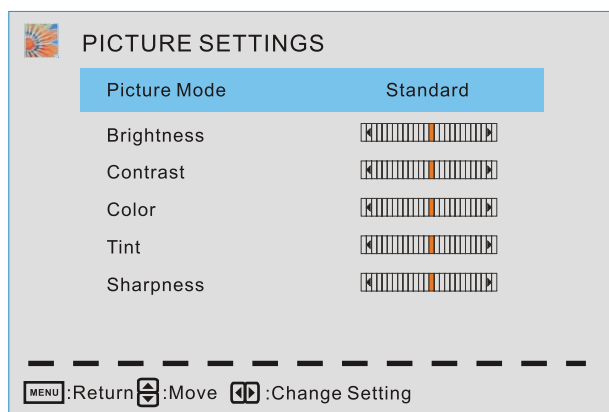
When Picture Mode is set to User, the following setting can be manually adjusted.

Press **PMODE** shortcut button on the remote control to select picture mode directly.

Picture Mode
Highlight the item and Press ◄/► to select Standard/ Movie/ User/ Dynamic.
Standard   Produces a highly defined image in a normally lit room.
Movie   Produces a highly defined image in gentle lit room.
User   Select to customize picture setting.
Dynamic   Produces a highly defined image in a bright lit room.

Highlight the item and press ►, and a process bar appears, then press ◄/► to adjust the value.
Tint is available when analog TV or NTSC-system AV.
Press **MENU** to back the Picture Settings menu.

Brightness
Adjust darkness of black sections in the picture.

Contrast
Adjust the white level of the picture.

Color
Adjust the color intensity of the picture.

Tint
Adjust the hue(Red, Green, Blue) of the picture.

Sharpness
Object edges are enhanced for picture detail.
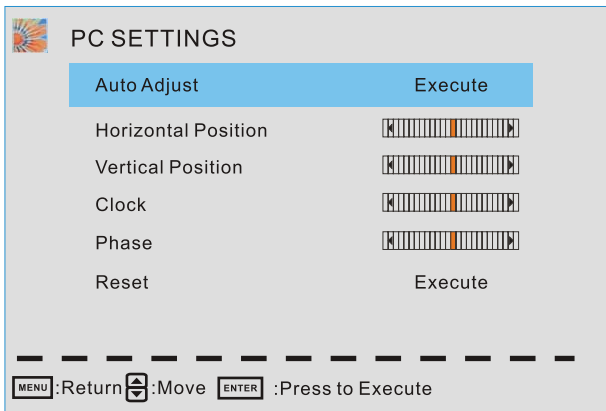
PC Settings

PC Settings Menu is aviliable only in PC DB15 mode.

Press ▲ / ▼ to highlight one of the following options, then press ENTER to select it.

Auto Adjust

Automatically adjust Clock, Phase, H-Position and V-position settings.

Horizontal Position

Shift the screen slightly to left or right.

Vertical Position

Shift the screen slightly up or down.

Clock

Adjust the DB 15 Picture signal sampling clock rate.

Phase

Adjust the DB 15 Picture signal sampling phase. It maybe affect the definition. Wrong value maybe result the interference.

Reset

Reset the parameters of current menu to default value.

Advanced Picture Settings

```
┌─────────────────────────────────────────────┐
│  🌅  ADVANCED PICTURE SETTINGS                │
│                                               │
│   ┌─────────────────────────────────────┐    │
│   │  Dynamic Contrast          Low      │    │
│   └─────────────────────────────────────┘    │
│     Film Mode                  Off            │
│     Noise Reduction            Low            │
│     MPEG Noise Reduction       Off            │
│                                               │
│                                               │
│                                               │
│  ▬ ▬ ▬ ▬ ▬ ▬ ▬ ▬ ▬ ▬ ▬ ▬ ▬ ▬                │
│  MENU:Return ⬍:Move ◀▶ :Change Setting       │
└─────────────────────────────────────────────┘
```
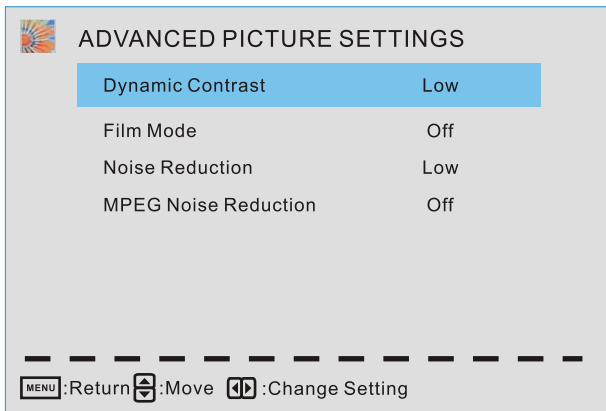
Press ▲/▼ to highlight the item and press ENTER or ► to display the submenu as following.

Dynamic Contrast Off/ Low/ Medium/ High

The system will adjust the luminance curve by analyzing the picture content dynamically.

Film Mode Off/ On

For the 2:2 or :2 format signal of cinema, enable special pixel process to reduce the flick of moving area.

Noise Reduction Off/ Low/ Medium/ High

You can clear up analog TV signal by reducing the dot noise. This feature is not available at PC source.

MPEG Noise Reduction Off/ Low/ Medium/ High

Similar with the Noise Reduction, you can set to reduce the block noise.

Sound Menu

```
┌────────────────────────────────────────┐
│  ◎   SOUND                              │
│  ┌──────────────────────────────────┐   │
│  │ Sound Settings        ►►         │   │
│  └──────────────────────────────────┘   │
│     Surround Mode        ■              │
│     AVL                  ■              │
│     Analog Sound         Stereo         │
│     Digital Sound        English        │
│     Digital Audio Output PCM            │
│     Equalizer Settings                  │
│                                         │
│  ── ── ── ── ── ── ── ── ── ── ── ─     │
│  MENU:Return ⬍:Move ENTER/▶:Go to Next Menu │
└────────────────────────────────────────┘
```
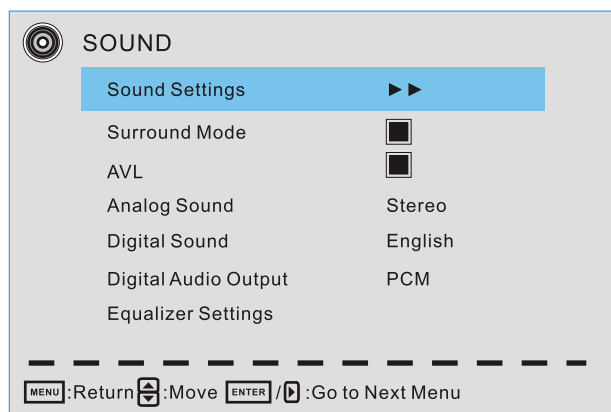
Sound Settings

Set the sound mode, and Bass/ Treble/ Balance.

Surround Mode

Set to enjoy the virtual surround sound. Press **ENTER** to set or cancel.

AVL

Auto Volume Level. Press **ENTER** to set or cancel. When AVL is set on, it will limit the sound being heard when sudden changes in volume occur during commercial breaks or channel changes.

Usually be enabled at night.

Analog Sound

Available at analog TV channels, SAP/ Stereo/ Mono

Set the preferred sound track of analog channels. Stereo and SAP ecist on some channels.

Generally SAP is a second language sound or help the people with hearing impair.

Digital Sound

Available at digital TV channels, English/ French/ Spanish

Set the preferred sound track of digital channels, French and Spanish exist on some channels.
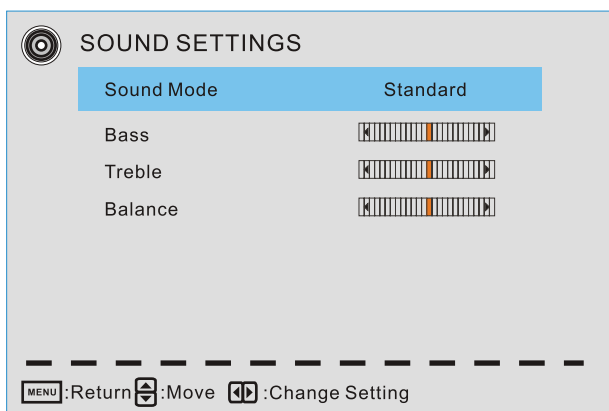
Digital Audio Output PCM/ Raw/ Off

Set the audio output type of coax or optical terminal. Raw means output the original format of audio stream. PCM can be matched with most AV amplifiers.

Equalizer Settings

Adjust the curve of 7 bands equalizer.

19

Sound Settings

```
◎  SOUND SETTINGS

    Sound Mode          Standard

    Bass          |◄||||||||||||||||►|
    Treble        |◄||||||||||||||||►|
    Balance       |◄||||||||||||||||►|




    ▬  ▬  ▬  ▬  ▬  ▬  ▬  ▬  ▬  ▬  ▬  ▬  ▬

    MENU :Return ⬍:Move ◄► :Change Setting
```

Sound Mode Standard/ Soft/ User/ Dynamic

Only in User mode, the following items can be adjusted.

Bass

Adjust the low frequency band response.

Treble

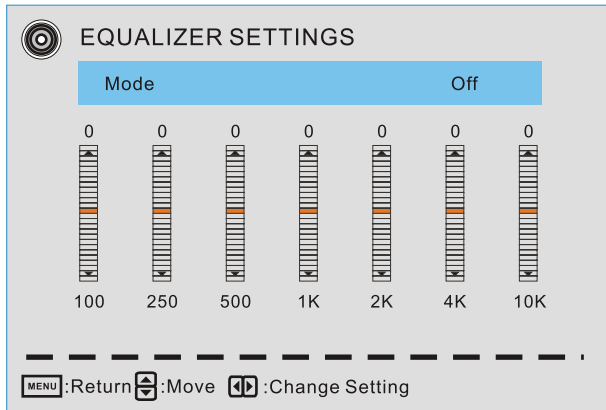Adjust the high frequency band response.

Balance

Adjust the level of sound coming from the left or right speaker.

Adjust the Bass/ Treble/ Balance

1.Set sound mode to User.

2.Highlight the item and press ► to display the submenu, the press ◄/► to adjust the value.

Equalizer Settings

EQUALIZER SETTINGS

| Mode | Off |

0 0 0 0 0 0 0

100 250 500 1K 2K 4K 10K

MENU:Return ⬍:Move ◀▶:Change Setting

Mode Off/ Rock/ Pop/ Jazz/ User(only in User mode, the following can be manually adjusted.)

Adjust Equalizer Settings

Based on your favorites about which frequency band need to be adjusted, make small adjustment with certain frequency band at a time. Suggest NOT making too large changes.

1.Set mode to User.
2.Press ▼ to select the first(100Hz) item, then press ◀/▶ to select the band to be turned.
3.Press ▲/▼ to adjust the value.

Channel Menu

CHANNEL

Channel List	▶▶
Favorite List	
Channel Settings	
Signal Type	Air
Auto Channel Search	Execute

MENU:Return ⬍:Move ENTER/▶:Go to Next Menu
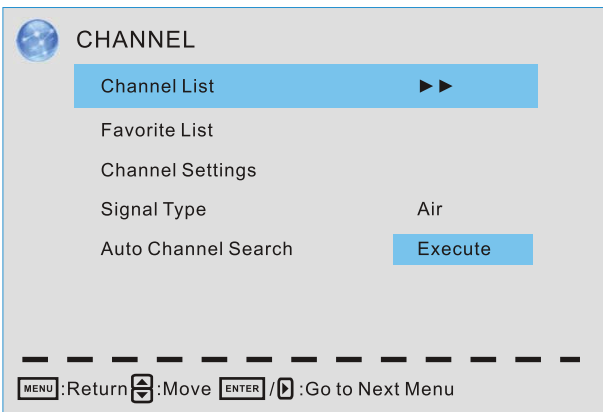
Note: The menu is available only at TV source.

Channel List

You can view all the channels and choose one quickly.

```
CHANNEL  List                Page 1/1

    D10-1                     ABC

    A51

    A52

    A53




MENU :Return  :Move   :Page  ENTER :Select
```
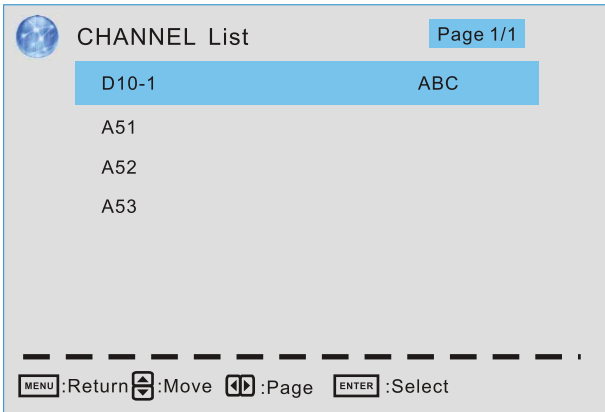
"ABC": Label of the Channel.

Press ▲ / ▼ to highlight a channel and press ENTER to view it.

Favorite List

All of you favorite channels are listed in this menu, and you can choose them quickly.

```
FAVORITE  List               Page 1/1

    D10-1                     ABC

    A51

    A52




MENU :Return  :Move   :Page  ENTER :Select
```
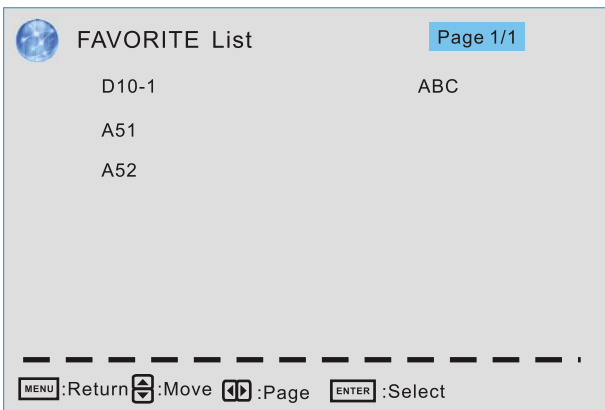
Channel Setting

Set the favorite channels, skipped channels, label of channels.

Signal Type

Set to Air or Cable according to your antenna source.

Auto Channel Search

Highlight and press ENTER to start the auto searching.

AUTO CHANNEL SEARCH - Air

Now Searching... Please Wait...

Return

Analog Channels Found: 0

Digital Channels Found: 0

2%

ENTER :Stop Auto Channel Search   MENU :Skip

It will search analog channels first, then digital channels.

Before execute auto channel search, please confirm your antenna type is Air or Cable.

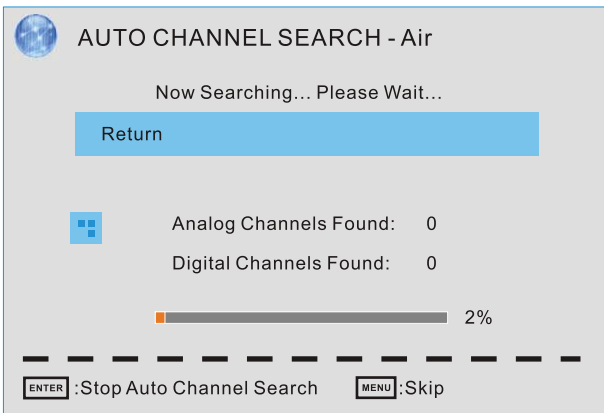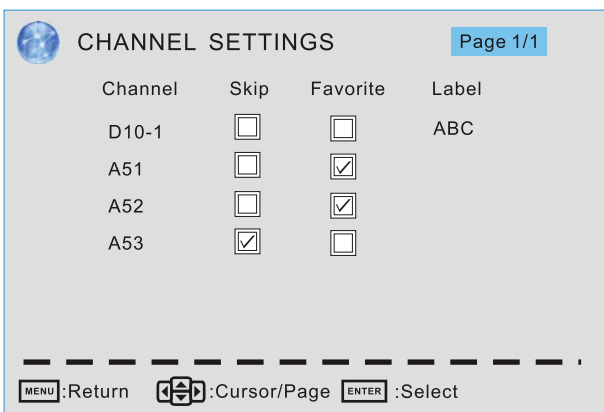Wrong setting of Signal Type maybe cause finding no channel.

Channel Settings

CHANNEL SETTINGS			Page 1/1
Channel	Skip	Favorite	Label
D10-1	☐	☐	ABC
A51	☐	☑	
A52	☐	☑	
A53	☑	☐	

MENU :Return   :Cursor/Page   ENTER :Select

Skip

Set the channel to be skipped when using CH+/CH- to view channels.

Favorite

Set the channel to your favorite list.

Label

Rename label of the channel.

Change the settings

Skip & Favorite

1.Press ▲/▼ to select the channel you want to set.

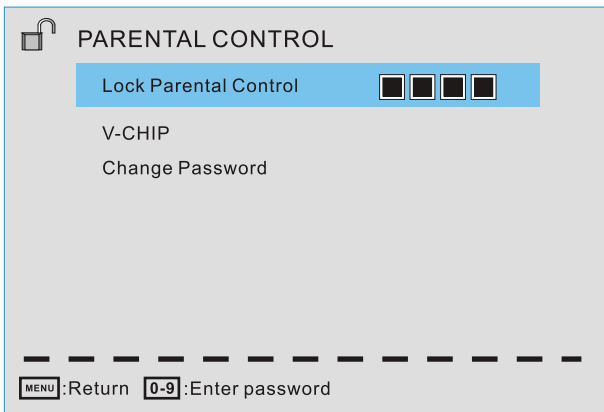2.Press ◄/► to highlight corresponding item, and press ENTER to set or cancel.

Label

1. Press ▲/▼ to select the channel and ENTER to enter the edit state.

2. Press ▲/▼ to select the character, press ◄/►to move the cursor. Total seven letters.

Parental Control

```
🔓  PARENTAL CONTROL

    Lock Parental Control        ■ ■ ■ ■

    V-CHIP
    Change Password




    ━ ━ ━ ━ ━ ━ ━ ━ ━ ━ ━ ━ ━

    MENU :Return  0-9 :Enter password
```

Note: The default user password is "0000", and if forget what you set, try"1470".

Lock Parental Control

The following items are only available if the password input is correct.

V-CHIP Include below settings:

  US V-Chip

Rating system used at USA.

  Canada V-Chip

Rating system used at Canada.

  Block UnRated Show

Control whether lock the program that have not any valid rating flag.

  Downloadable Rating

Control the RRT5 setting which are valid only at some digital cable channels.

  Clear Downloadable Data

Select to clear the previous downloadable rating data.

Change Password
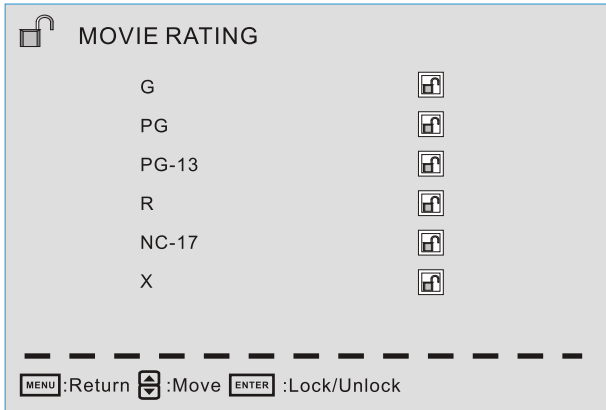
Enter a 4-digital number you want to set.

TV SETUP

US V-CHIP

For the United States, the rating setting basically include the following options:
Movie Rating, TV Rating.

Moive Rating

This system defines the rating control which come from MPAA rules

```
🔓   MOVIE RATING

       G                    🔓
       PG                   🔓
       PG-13                🔓
       R                    🔓
       NC-17                🔓
       X                    🔓

   ▬ ▬  ▬  ▬ ▬  ▬ ▬ ▬ ▬ ▬  ▬

  [MENU]:Return [⬍]:Move [ENTER] :Lock/Unlock
```

| Rating	Define
G	General audience. All ages admitted.
PG	Parental guidance suggested . Some material may not be suitable for child ren.
PG-13	Parents strongly cautioned. Some material may be inappropriate for children under 13.
R	Restricted. Children under 17 require accompanying parent or adult guardian.
NC-17	No one 17 and under admitted
X	Adult audience only.

TV Rating

The TV rating compose of two aspects: age-based and content-based.
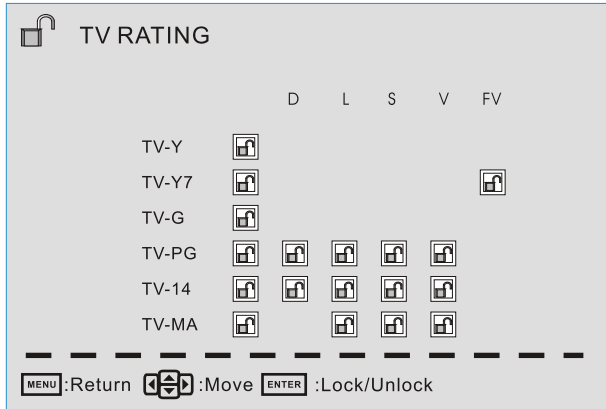
Content	Define
FV	Fantasy violence
D	Suggestive dialogue
L	Strong language
S	Sexual situations
V	Violence

Age	Define
TV-Y	General audience
TV-Y7	Parental guidance suggested
TV-G	Parents strongly cautioned
TV-PG	Retricted
TV-14	No one 17 and under admitted
TV-MA	Adult audience only

Note: The content ratings will increase depending on the level of the age-based rating. For example, a program with a TV-PG V(violence) rating may contain moderate violence, while a TV-14 V(violence)rating may contain intense violence. So locking a higher level option will automatically cause locking the option that has more sensitive level.

TV SETUP

Canada V-CHIP

For Canada, the rating setting include the

following options: English rating, French Rating.

CANADA

| English Rating | ►► |
| French Rating | |

MENU :Return :Move ENTER / :Go to Next Menu
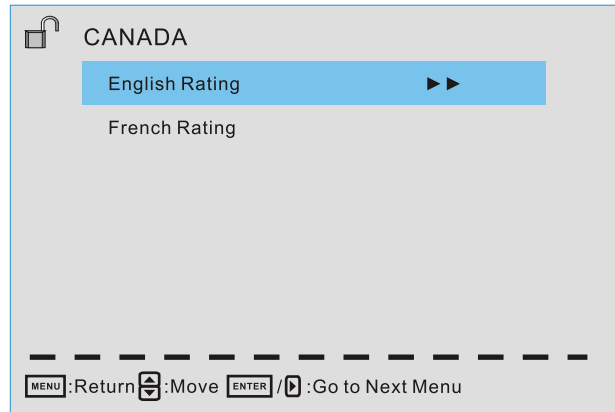
English Rating

These ratings are for programs which are using
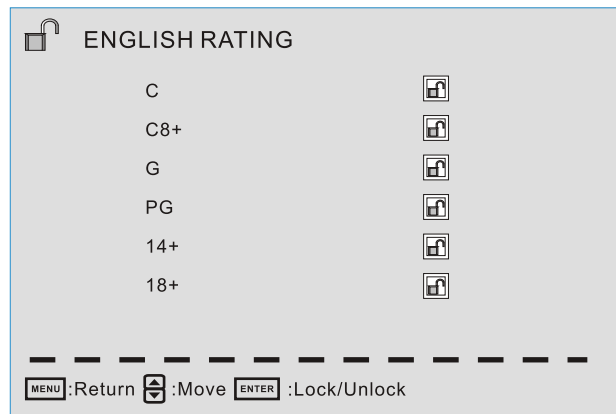English rating system.

Rating	Defined as
C	Children
C8+	Children 8 years and older
G	General programming
PG	Parental guidance
14+	Viewers 14 and older
18+	Adult programming

ENGLISH RATING

C
C8+
G
PG
14+
18+

MENU :Return :Move ENTER :Lock/Unlock

French Rating

These ratings are for programs which are using
French rating system.

Rating	Defined as
G	General
8 ans+	Not recommended for younger children
13 ans+	Not recommended for children under age 13
16 ans+	Not recommended for ages under 16
18 ans+	This program is restricted to adults

FRENCH RATING

G
8 ans+
13 ans+
16 ans+
18 ans+

MENU :Return :Move ENTER :Lock/Unlock

27
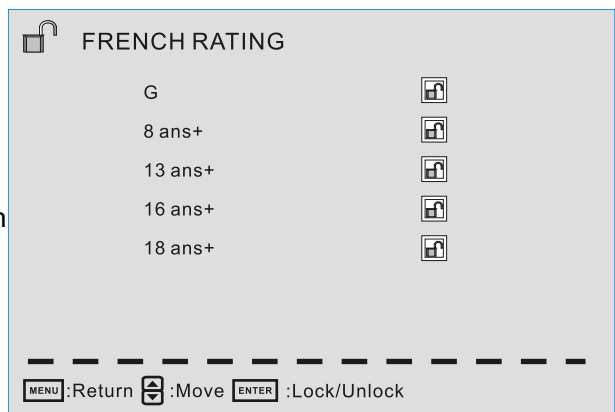
Change Password

At first you should enter the correct old password then enter new password twice.

If you lost your password, try to enter "1470".

```
    🔓   CHANGE PASSWORD

         Old Pin              ■ ■ ■ ■

         New Pin              ■ ■ ■ ■

         Confirm              ■ ■ ■ ■




   ─  ─  ─  ─  ─  ─  ─  ─  ─  ─  ─
   MENU :Return  0-9 :Enter password
```
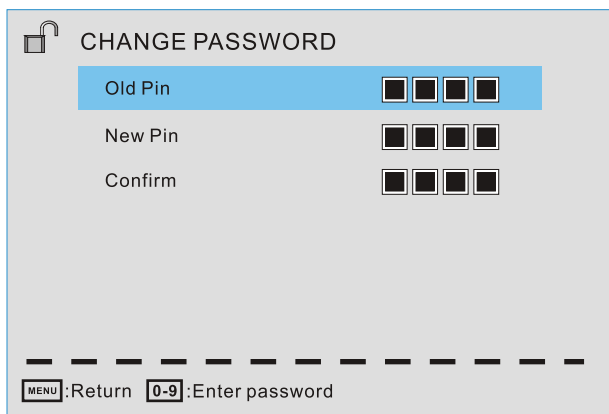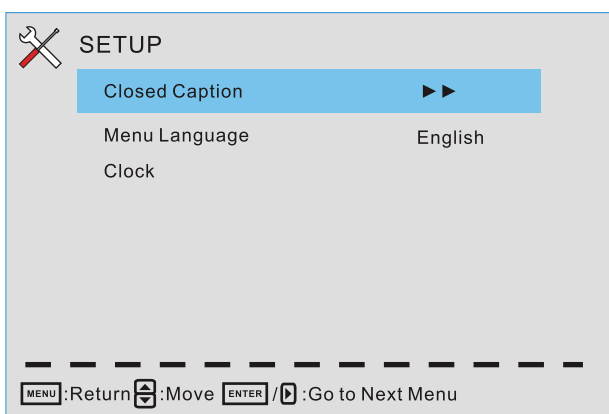
Setup Menu

```
    🛠   SETUP

         Closed Caption          ►►

         Menu Language         English
         Clock




   ─  ─  ─  ─  ─  ─  ─  ─  ─  ─  ─
   MENU :Return⬍:Move ENTER /▶ :Go to Next Menu
```

Closed Caption(CC)
Menu Language
Set the menu language. English/French/Spanish.
Clock
Set the Time Zone/ Auto Clock/ Setup Time/
Day of week/ Daylight Saving Time.

Caption Display

Display or hide the CC .

Analog Caption Type

Select from closed-caption modes for analog

programs.

Digital Caption Type

Applies only to digital channels with closed

caption.

Digital CC Preset Default/Custom

If set to Custom, Digital CC Style is available.

```
    🛠   CLOSED CAPTION

         Caption Display        Off

         Analog Caption Type    CC1

         Digital Caption Type   Service1
         Digital CC Preset      Default
         Digital CC Style


   ─  ─  ─  ─  ─  ─  ─  ─  ─  ─  ─
   MENU :Return⬍:Move ◀▶ :On/Off
```
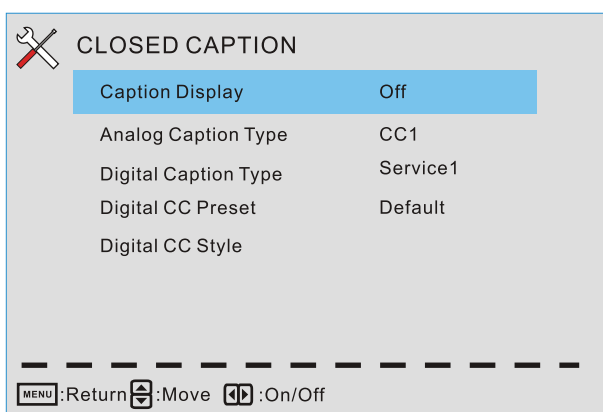
Digital CC Style

This menu is valid only for digital closed caption of digital channels.

```
⚒  DIGITAL  CC  STYLE

     CC Size                       Default
     CC Font                       Default
     CC Opacity                    Default
     Text Color                    Default
     CC Background Opacity         Default
     CC Background Color           Default
     CLOSED CAPTION

 MENU :Return ⬍:Move  ◀▶ :Change Setting
```
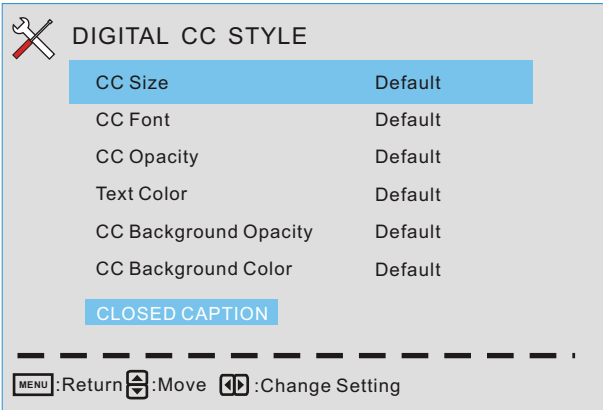
CC Size Small/Standard/Large/Default
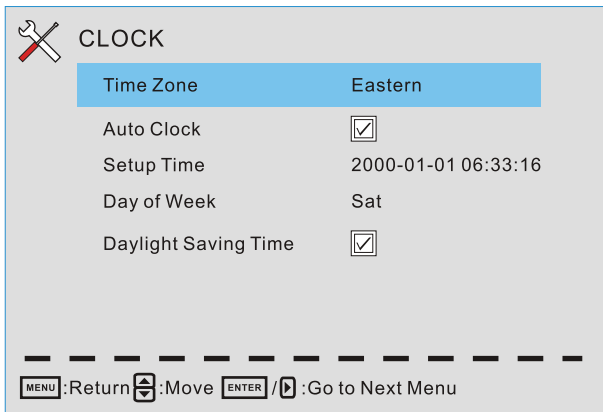
CC Font Style0~7,Default

CC Opacity Default/Solid/Flashing/Translucent/Transparent/Default.

Text Color Black/White/Red/Green/Blue/Yellow/Magenta/Cyan/Default.

CC Background Opacity Solid/Flashing/Translucent/Transparent/Default.

CC Background Color Black/White/Red/Green/Blue/Yellow/Magenta/Cyan/Default.

Clock

```
⚒  CLOCK

     Time Zone              Eastern
     Auto Clock             ☑
     Setup Time             2000-01-01 06:33:16
     Day of Week            Sat
     Daylight Saving Time   ☑




 MENU :Return ⬍:Move  ENTER /▶ :Go to Next Menu
```

Time Zone Hawaii/Alaska/Pacific/Centra/ Mountain/Eastern/Samoa/Newfounland/Altantic Set the time zone.

Auto Clock

If set it to ON , the TV will sync the local clock according to the DTV broadcasting time automatically. Otherwise you can set the time manually.

Setup Time

Set Auto Clock to Off, then you can set the time manually .

Note: In the case of loss of power, the clock setting will be lost
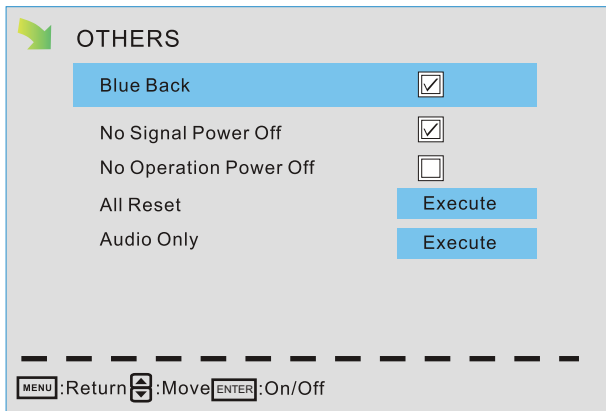
Day of Week

The TV will calculate current day of week according to the time.

Daylight Saving Time

When Auto Clock set to ON, this item is available to enable daylight saving option or not.

TV SETUP

Others Menu

```
  ↘  OTHERS

     Blue Back                    ☑

     No Signal Power Off          ☑
     No Operation Power Off       ☐
     All Reset               Execute
     Audio Only              Execute


  - - - - - - - - - - - - - -
  MENU:Return ⬍:Move ENTER:On/Off
```

Blue Back

Set the screen background color blue or not when no valid signal input. When analog TV input and has no signal, snow noise will display if this option is cleared.

No Signal Power Off

If it is set,TV will automatically enter standby after 10 minutes without signal input.

No Operation Power Off

If it is set, TV will automatically enter standby after 3 hours without any operation.

All Reset

When you highlight the item, the system will note you that"Attention! If [All Reset] was executed,TV system is reset" , and if you are sure to reset, press ENTER to reset .

Audio Only

When you highlight the item, the system will note you that "Attention! Hold on power key 3 second to restore video", and if you are sure not need to view (backlight is turned off), press ENTER to confirm. As the attention, if you want to wake up the video, please hold on the power button for 3 seconds.

DISPLAY MODE

PC FORMATS

SUPPORTED PC INPUT MODE			
Resolution	Horizontal Scanning Frequency (KHz)	Vertical Scanning Frequency (Hz)	Format
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
1360 X 768	47. 7	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

Model Description		37" LCD TV
Panel	Panel Type	LCD Panel
	Diagonal Size	37 inches
	Screen Format	16:9
	Resolution	1366 x 768
	Brightness	400 nit
	Contrast	1100:1
	View Angle	178(H)/178(V)
	Response Time	8 ms
	Maximum Color	16. 7M colors
	Refresh Rate	60Hz
Systems	Color System	ATSC/QAM/NTSC
	Sound System	M
	Audio System	MTS
	Sound Output	L/R Speaker: 10 W + 10W
Input / Output Jacks	RF Input	75 ohm external terminal
	HDMI Input	Video: 480i, 480p, 720p, 1080i, 1080p. Audio: Two channel linear PCM 32, 44.1 and 48kHz, 16, 20 and 24 bits
	PC-RGB Input	D-sub 15pin G: 0.7Vp-p, 75ohms B: 0.7Vp-p, 75ohms R: 0.7Vp-p, 75ohms
	Composite Video Input	1. 0 Vp-p, 75ohms RCA
	Component/Y Pb Pr Input	RCA Y: 1.0 Vp-p, 75ohms, 0.3V negative sync Pb: 0.7Vp-p, 75ohms Pr: 0.7Vp-p, 75ohms
	Sound Input	Component AUDIO: For Component Audio input AV AUDIO: For CVBS Audio input PC AUDIO: For PC RGB Audio input 500mV rms, Impedance: 20k ohms
Power	Power Requirement	100-240V~ 50/60Hz
	Rated power consumption	96 W

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)	• Check the location of the antenna and adjust it if necessary. • Make sure the antenna cable is firmly connected. • Make sure all input cables are firmly connected.
No sound.	• Increase the volume. • Check whether the mute function has been activated on the Remote Control.
Black and White picture.	• Check the PICTURE setting within the PICTURE menu. • Check to make sure the program you are watching is broadcast in Color and not Black & White.
No picture or sound.	• Make sure the unit is plugged in and turned on. • Make sure that the ATV mode is selected. • Try a new channel to check for possible station trouble. • Make sure the antenna is connected properly. • Increase the volume. • Make sure the antenna or audio/video source device is working properly. • Make sure all cables are firmly connected. • Check for local interference.
Colored patches of picture.	• Make sure there are no unshielded electrical devices nearby that are causing interference. • Turn the TV off for 30 minutes, then try it again.
Panel function key does not respond correctly.	• Under the influence of electrostatic phenomenon, the product may malfunction and require usertopowerreset. • Unplug and re-plug the AC power cord.
The display monitor's panel goes hot.	• LCD TV takes inside lighten phosphor. It may increase the temperature of the screen in some occasions. It's not a defect.
Unusual dots	• Black dots and Bright points may appear on the LCD screen. This is a structural property of the LCD panel and is not a defect.
Stripes on screen	• Adjust the impulse phase may decrease stripes. RGB in
The top of the monitor gets hot.	• It may occur during long-time working. It's not a defect.
Unable to select a certain channel.	• The channel may be skipped. Choose this channel by directly selecting the buttons from the remote control.
Disorder display at power on.	• This may be caused because of a very short interval between POWER OFF and ON. • Unplug the power and restart.