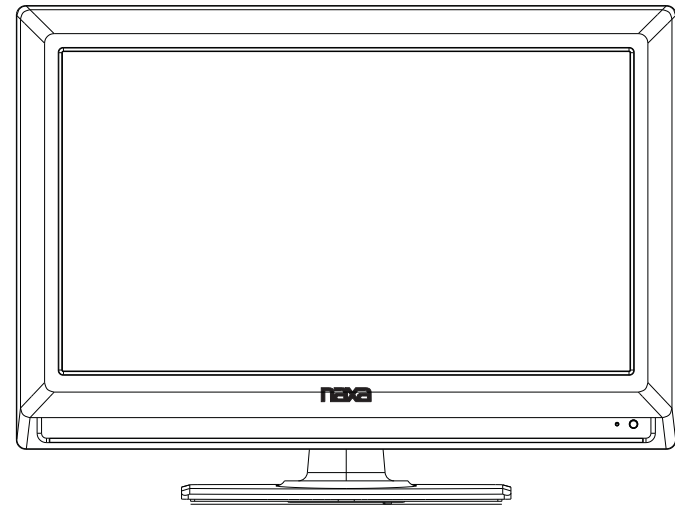# naxa

## 16" Wide Screen HD LED TV with Built-in Digital TV Tuner

### MODEL NO: NT-1506

# Instruction Manual

**PLEASE READ CAREFULLY BEFORE USE**

USER'S MANUAL

# Warning

To prevent fire and/or electric shock, do not use this plug with an extension cord, receptacle or other outlet unless the blades can be fully inserted to prevent blade exposure. Do not expose this appliance to rain or moisture.

## CAUTION !

**RISK OF ELECTRIC SHOCK**
**DO NOT OPEN**

**AVIS** RISQUE DE CHOC ELEC TRIOUE/NE PAS OUVRIR

# Important Safety Instructions

Read these instructions.
Keep these instructions.
Heed all warnings.
Follow all instructions.
Please, unplug the TV power cord when the following conditions occur:
-When there is a thunderstorm (Please, pull out the power cord and antenna).
-When cleaning the TV set.
-When the TV set is not used for a long time.
Do not use corrosive depurative when cleaning the TV set.
Do not put the TV set under direct sunlight or near heat.
Do not put a heat source, such as a candle or heater, on top of or near the TV set.
Leave plenty of space (al least 10cm) around the TV set for ventilation.
Place the TV set away from where it can be ruined by rain or water (such as near a window).
Don't put a container with liquid (such as a vase) on top of the TV set.
Do not move the TV set when the power is on.
Do not touch, push or scratch the surface of the TV set with hard materials or items.
When TV surfaces are dirty, please use a wet cotton cloth or soft cloth with non-corrosive cleaners
to clean it carefully. Don´t use acetone, toluene or alcohol to clean the TV set.
Be aware and careful of moisture, which can damage inner electronic components. When condensed
moisture is present, the TV screen may appear blurry or spotty.
It is recommended that a technician install the TV set on a wall, if such placement is desired.
An incorrect wall installation will be unsafe and hazardous.
Do not let children climb on or play around the TV set to avoid falls, collissions, damages and injuries.
Do not hit the TV panel with hard objects to prevent damages.
Do not cover the TV set with blankets or other objects when it is connected to a power source to prevent overheating and fire.
Batteries shall not be exposed to excessive heat such as sunshine, fire or the like.
Mains plug is used as disconnect device from the mains,  the disconnect device shall remain readily operate.
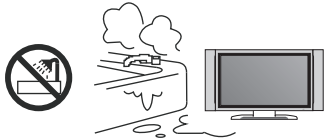
**Safety**

Please, immediately pull out the AC power plug
from adapter if there is an abnormal sound or smell or the LED TV has sound but no picture, and contact after sales support.

The LED TV should be kept free from rain, moisture and dust to prevent electrical shock and
short circuits. Do not cover the ventilation openings with table clothes, curtains, newspapers, etc.

The LED TV should be kept from high temperature heating sources or direct sunlight. Good ventilation is required. Allow 10 cm. between the LED TV and other appliances or built-in cabinet walls.
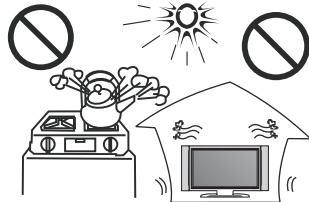
When you wipe the front cabinet, please make sure the power plug is pulled out and use a soft, dry, lint-free cloth and handle it with care. Do not repeatedly wipe the panel, nor scrape, tap or strike the panel with a hard object.
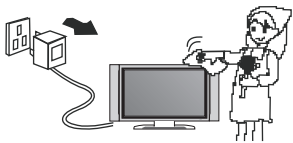
Do not wipe the LED TV with any petrol, chemical or alcohol based solvents as it will lead to product damage of the panel and cabinet.
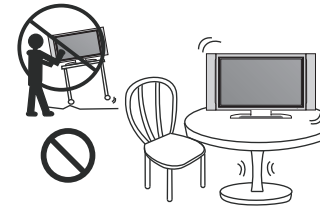
When the television receiver is not used for an extended period of time, it is advisable to disconnect the AC power cord from the AC outlet.
The MAINS plug or an appliance coupler is used as the disconnect device, The disconnect device shall remain readily operable.
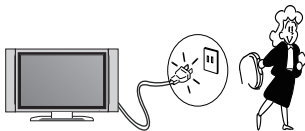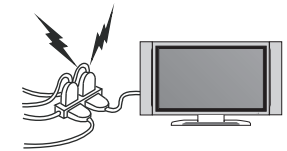
**Safety**

Do not place the LED TV on an unstable surface.

Do not place the power cord or other cables across a walkway in case it is trampled on. Do not overload the power cord or power socket. When the power plug is used to disconnect and connect the device, it should easily into the power source.

Do not disassemble the back cover, as it contains high voltages inside and will cause electric shock. Only qualified professionals should conduct internal adjustments, maintenance, and checks.

The TV set should not be subjected to water droplets, vapor, or splash.  This equipment should not be placed on objects filled with liquids. Do not place flame sources, such as lit candles, on or near the LED TV. Please, pull out the power plug and contact after sales support if there are abnormal objects or water in the TV.
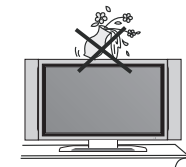
Pull out the power cord and antenna cable during electrical storms so the LED TV is not damaged by electrical surges. Keep all people away from the antenna cable during electrical storms.

**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.
As-shipped mode is the mode in which the product qualifies for ENERGY STAR®.

## Table of Contents

## Introduction

### Features

- TV adopts TFT LED display screen
- HDTV Compatible( 480p,720p, 1080i, 1080p)
- Support American TV Standard 8VSB/Free 64/256QAM,NTSC System, ATSC System
- Connect to computer directly to realize TV/monitor combo.
- Zero X radiation complies to green environment protection requirement
- Advanced Chroma Processing
- Closed captioning/PARENTAL LOCK
- SAP/STEREO/MONO; ATSC.
- HDMI  input
- USB input

Input terminals used for external equipment connection

| | |
|---|---|
| One computer VGA/PC input | One PC Audio inputt |
| One  AV input | One HDMI input |
| One  EARPHONE output | One USB input |
| One ANTENNA input | |

## Introduction

### Specifications

| | |
|---|---|
| Display screen type | Color active matrix LED display |
| Model | NT-1506 |
| The maximum resolution | 1366X768 |
| Image control | Fine digital control |
| Power supply | DC 12V $=$ 3A |
| TV receive system | NTSC System, ATSC System |
| Frequency range | Antenna: 2~69; Cable: 1~135 (Analog: 1-125, Digital: 1-135) |
| Video IN | NTSC3.58 |
| Antenna input impedance | 75Ω (Unbalance) |
| Sound output | 5W 4Ω |
| Power supply for remote controller | DC 3V (Two AAA size batteries) |
| Power consumption | 24 W |
| Dimensions (LXWXH) | 15.8 x 4.7 x 11.9 inch |
| Weight(net weight) | 1.9kg |
| Operation environment temperature | 0°C-40°C |

**Note:**
Design and specification modification maybe made at any time without prior notice; all data and dimensions are approximations.

## Accessories

Please make sure the following items are included with your LED TV. If any items are missing, contact your dealer.

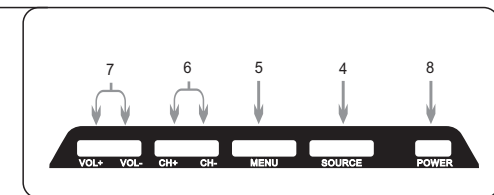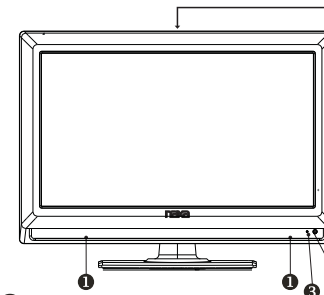Remote Control & Batteries (AAAx 2)
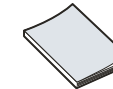
Owner's Instructions

Car charger cable
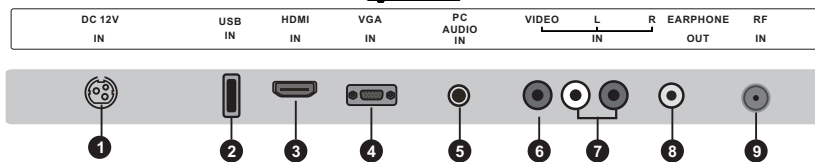
Adapter

## General Description

### Overview of front and side panel

7  6  5  4  8

VOL+  VOL-  CH+  CH-  MENU  SOURCE  POWER

❶ SPEAKER

❷ REMOTE CONTROL SENSOR
Aim the remote control towards this spot on the TV.

❸ POWER INDICATOR
Green: In power on mode.
Red: In standby mode.

❹ SOURCE
Toggles between all the available input sources ( TV, AV, HDMI, VGA, PC, USB)

❺ MENU
Press to see an on-screen menu of your TV's features.

❻ CH+/-
Press to change channels.
In the on-screen menu, use the CH +/- buttons as up/down arrow buttons.

❼ VOL+/-
Press to increase or decrease the volume.
In the on-screen menu, use the VOL +/- buttons as left/right arrow buttons.

❽ POWER
Press POWER button to toggle between normal and standby mode.

## Overview of back panel



| DC 12V IN | USB IN | HDMI IN | VGA IN | PC AUDIO IN | VIDEO | L R IN | EARPHONE OUT | RF IN |
|---|---|---|---|---|---|---|---|---|

❶ POWER(DC 12V) input

❷ USB
USB input
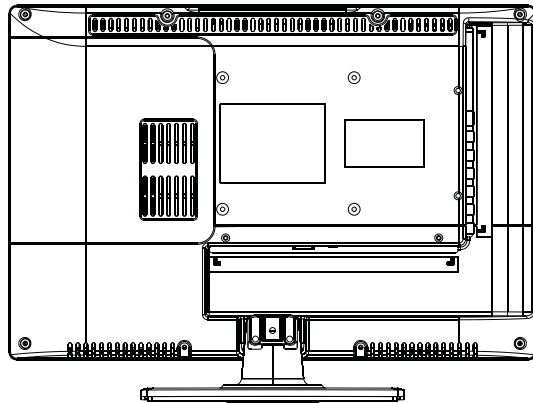
❸ HDMI
Connect to the HDMI jack of a device with an HDMI output.

❹ VGA/PC IN
Connect to the video output jack on your PC.

❺ PC AUDIO INPUT
Audio input for external devices.

❻ COMPOSITE VIDEO
Video input for external devices, such as a camcorder or VCR.

❼ AV Audio
Audio inputs for external devices.

❽ EARPHONE OUT
Connect a set of phone for private listening

❾ RF
Connect to an antenna or cable NTSC & ATSC.

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## Overview of remote control
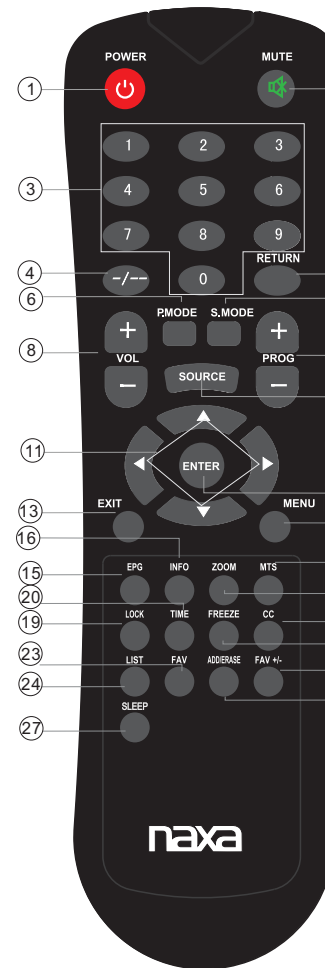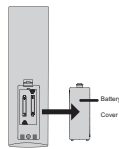


1. **POWER**:Switch an LCD TV when at standby mode or vice versa.

2. **MUTE**: Press to mute the sound. Press again or press VOL+ to unmute.

3. **Number key(0-9):** Press 0-9 to select a TV channel directly when you are watching TV. The channel change after 2 seconds.

4. **-/--:** Press this button to enter a program number for multiple program channel such as 2-1,etc.

5. **RETURN:** Return to the previous channel viewed

6. **P.MODE:** Press repeatedly to cycle through the available video picture modes.

7. **S.MODE:** Press to cycle through the different sound settings.

8. **VOL +/-:** Press to increase/decrease the sound level.

9. **PROG +/-:** Press to scan through channels. To scan

10. **SOURCE**: Press to change input source.

11. **ARROW BUTTONS( ▲/▼/◄/► )**:Use to move cursor up/down/left/right.

12. **ENTER:** Validation key.

13. **EXIT**: Press to exit all menu.

14. **MENU**: TV system setup.

15. **EPG**:Press to display the EPG menu.

16. **INFO:** Displays the channel information

17. **ZOOM**:Press to change the screen scale.

18. **MTS**: Press to select the audio channels.

19. **LOCK:** Press to display the parental menu.

20. **Time**: Press to display Time menu.

21. **CC:** press to display the closed caption

22. **FREEZE:** Press to freeze the screen.

23. **FAV:** Selects favorite channels.

24. **LIST:** Press to display the TV program list.

25. **FAV +/-:** press this button +/-the favorite program list.

26. **ADD:** Add this program to the favorite channels list .
ERASE:Delete this program from the favorite channels list .

27. **SLEEP:** Sets the sleep timer press the repeatedly to select sleep time among off,5, 10, 15, 30, 45, 60, 90, 120, 180, 240.
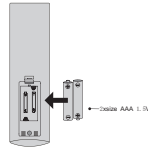
# General Description

## Installing Batteries in the Remote Control
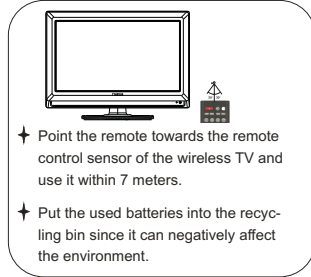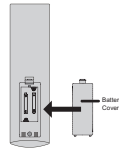
### Installing Batteries

**1** Open the battery compartment cover on the back side.

Battery Cover

✦ Point the remote towards the remote control sensor of the wireless TV and use it within 7 meters.

**2** Insert two 1.5V AAA size batteries in correct polarity. Don´t mix old or used batteries with new ones.

2×size AAA 1.5V

✦ Put the used batteries into the recycling bin since it can negatively affect the environment.

**3** Closed the cover.

Battery Cover

Note:
- One loading of batteries will last for 1 year under normal use
- If you do not intend to use the remote controller for a long period of time, remove them to avoid damage due to leakage.
- Do not use old and new batteries together.
- The batteries shall not be eposed to ecessive heat such as sunshine fire of the like.
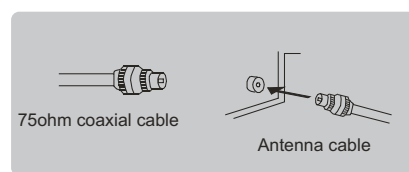
## External Connection

### Antenna connection

Antenna input impedance of this unit is 75ohm. VHF/UHF 75ohm coaxial cable can be connected to the antenna jack directly, if the antenna cable is 300ohm parallel flat feeder cable, you need to use the 300ohm/75ohm converter to connect the antenna cable to the antenna jack. For details Please refer to the following drawing.
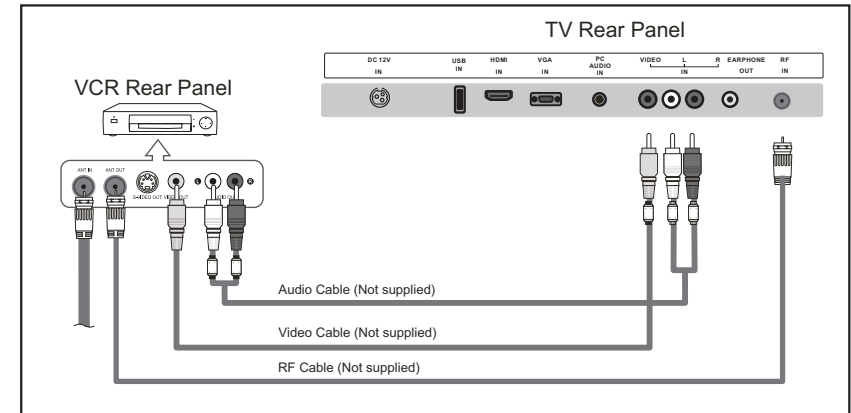
**Antennas with 300 ohm flat twins Leads**

Use a 75ohm - 300ohm converter
ANT IN
300ohm coaxial cable
Antenna feeder
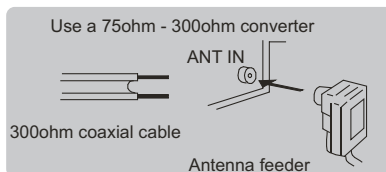
**Antennas with 75 ohm Round Leads**

75ohm coaxial cable
Antenna cable

# External Connection

## Connecting VCR

These instructions assume that you have already connected your TV to an antenna or a cable TV system. Skip step 1 if you have not yet connected to an antenna or a cable system.

TV Rear Panel

DC 12V IN    USB IN    HDMI IN    VGA IN    PC AUDIO IN    VIDEO    L    R    EARPHONE OUT    RF IN

VCR Rear Panel

ANT IN    ANT OUT    S-VIDEO OUT

Audio Cable (Not supplied)

Video Cable (Not supplied)

RF Cable (Not supplied)

Follow the instructions in Viewing a VCR or Camcorder Tape to view your VCR tape.
Each VCR has a different back panel configuration.
When connecting a VCR, match the color of the connection terminal to the cable.
We recommend the use of cables with a Ferrite Core.

1. Unplug the cable or antenna from the back of the TV.
2. Connect the cable or antenna to the ANT IN terminal on the back of the VCR.
3. Connect an RF Cable between the ANT OUT terminal on the VCR and the ANT IN terminal on the TV.
4. Connect a Video Cable between the VIDEO OUT jack on the VCR and the VIDEO IN jack on the TV.
5. Connect Audio Cables between the AUDIO OUT jacks on the VCR and the AUDIO L and AUDIO R jacks on the TV.
   - If you have a mono (non-stereo) VCR, use a Y-connector (not supplied) to hook up to the right and left audio input jacks of the TV. If your VCR is stereo, you must connect two cables.

## External Connection

### Connecting   DVD Player/Set-Top Box  via HDMI

This connection can only be made if there is a HDMI Output connector on the external device.



TV Rear Panel

DVD Player/Set-Top Box

HDMI Cable (Not supplied)
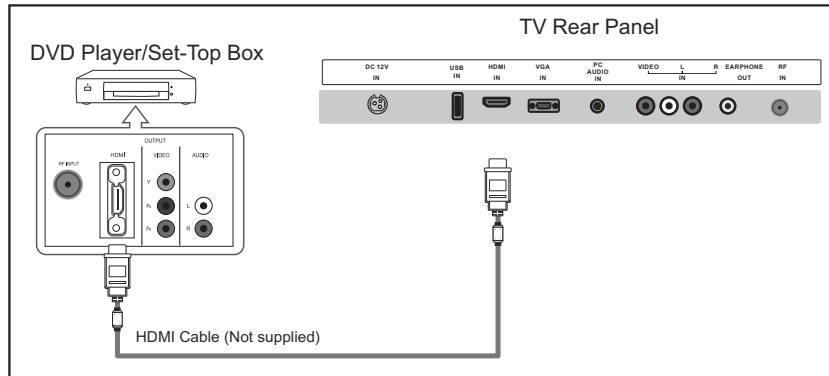
What is HDMI?

HDMI, or high-definition multimedia interface, is a next-generation interface that enables the transmission of digital audio and video signals using a single cable without compression.

Multimedia interface is a more accurate name for it especially because it allows multiple channels of digital audio (5.1 channels).

The difference between HDMI and DVI is that the HDMI device is smaller in size, has the HDCP(High Bandwidth Digital Copy Protection) coding feature installed, and supports multi-channel digital audio.
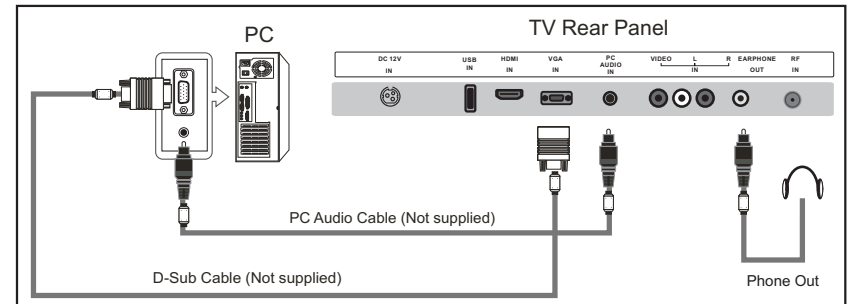
Each DVD player/STB has a different back panel configuration.

We recommend the use of cables with a Ferrite Core.

1. Connect an HDMI Cable between the HDMI connector on the TV and the HDMI connector on the DVD player/Set-Top Box.

## External Connection

### Connecting   PC



PC                                TV Rear Panel

PC Audio Cable (Not supplied)

D-Sub Cable (Not supplied)                          Phone Out

Each PC has a different back panel configuration.
The HDMI jacks do not support PC connection.
We recommend the use of cables with a Ferrite Core.

1. Connect a D-Sub Cable between RGB/PC IN connector on the TV and the PC output connector on your computer.
2. Plug PHONE out connector into PHONE out jack on the TV the TV speaker will be muted.
3. Connect the PC audio input jackc on the TV

### Supporting signals

| Input | Mode |
|-------|------|
| Air | 8VSB |
| Cable | Free 64/256QAM |
| CVBS | NTSC 3.58 |

| VGA/PC | HDMI |
|--------|------|
| 640x480/60Hz | 480p/60Hz |
| 800x600/60Hz | 720p/60Hz |
| 1024x768/60Hz | 1080i/60Hz |
| 1360x768/60Hz | 1080p/60Hz |

### Turning the TV On and Off

## 1 *How to turn the TV on or off*

1. Insert the power cord plug into a polarized AC
   outlet.
2. Press POWER button on the remote control or ⏻
   button on the  LED TV.
3. Normal picture will be displayed on the screen after
   6 seconds. If no signal input, "No Signal" will be
   displayed on the screen.
4. If temporary POWER off is required, press POWER button on the remote control or ⏻
   button on the LED TV.
5. If you want to completely switch off the power for this unit, unplug the power cord plug
   for this unit.
6. After switching off the unit, you should turn on the TV again at least 5 seconds later.

Status indication lamp

Green: In power on mode.

Red: In standby mode.

Auto power off

   If there is no signal input in any Mode, the TV will automatically accesses the standby
   state in about 15 minutes.

Memory before turning TV off

The settings of picture and the preset channels will be memorized at turning off the unit.
When being started up again, the unit will work according to the mode set before being
turned off.

### Adjust the OSD Screen

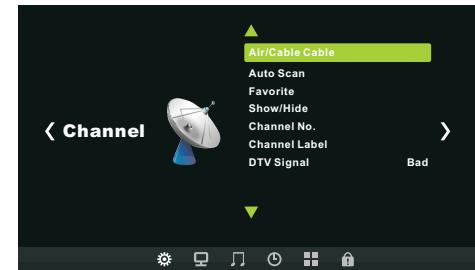| INPUT |
|-------|
| TV |
| AV |
| HDMI |
| PC |
| USB |
| |
| |
| |
| ⊙ ENTER |

Press SOURCE button to display the input
source list.
Press ▼/▲ button to select the input source
you want to watch;
Press ENTER button to enter the input source.

## BASIC OPERATION

### CHANNEL

Press MENU button to display the main menu.

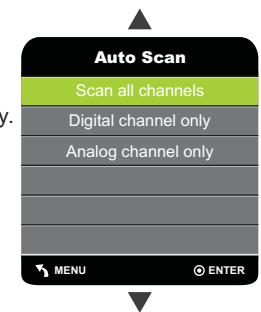Press◄ / ► button to select CHANNEL in the main menu,  it will highlight the first option.



**Air/Cable**
press ENTER buttons to select it Cable or Air.
**AUTO SCAN**
Auto Tuning can find out all effective channel automatically.
Press ▼/▲ to select Auto Tuning, then press ENTER to
start auto searching.
If you want to stop searching, press EXIT.

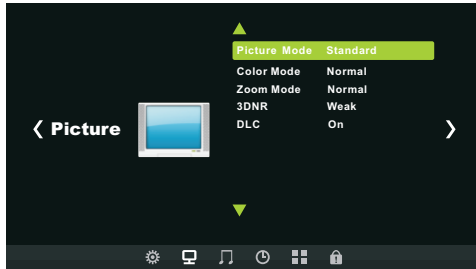| Auto Scan |
|-----------|
| Scan all channels |
| Digital channel only |
| Analog channel only |
| |
| |
| |
| ↰ MENU          ⊙ ENTER |

## PICTURE

Press MENU button to display the main menu.
Press ◄ / ► button to select PICTURE in the main menu, it will highlight the first option.



**PICTURE MENU**
Press MENU to display the main menu, and press ◄ /► to select the Picture Menu.
Highlight the item and press ▼/▲ to select corresponding sub-menu.
Picture Mode: Dynamic/Standard/Soft/ Personal.
Color mode:This item can adjust the saturation of the color based on your own like.
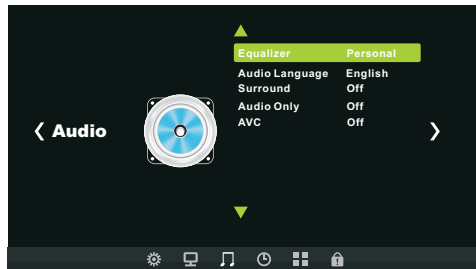Zoom mode: Four selectable Zoom Modes, Normal, Zoom, Cinema, Wide .
3DNR: Used for the noise reduction adjustment to get a better image effects.
DLC: Dynamic brightness control

## AUDIO

Press **MENU** button to display the main menu.
Press ◄ / ► button to select **AUDIO** in the main menu, it will highlight the first option.



**AUDIO MENU**
Press MENU to display the main menu, and press ◄ /► to select the Sound Menu.
Equalizer: Adjust audio frequency band.
Audio Language: Set the language.
Surround Sound: Surround effect on or off.
Audio Only: Audio Only effect on or off.
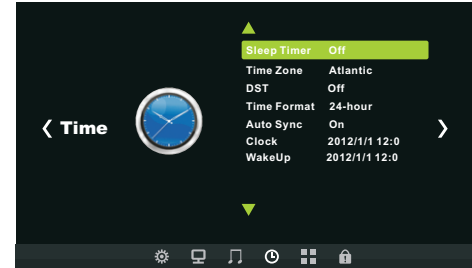AVC: When set the AVC on, quick volume change will be smoothed.

## TIME

Press MENU button to display the main menu.
Press◄ / ► button to select TIME in the main menu, it will highlight the first option.



**TIME MENU**
Press MENU to display the main menu, and press ◄ /► to select the Time Menu.
Sleep Timer: Select the time in minutes(5min,10min,15min,30min,60min,90min, 120min,180min,240min,Personal) that you want the TV to shut off automatically after you set the time. Cancel by setting it to Off.
Time Zone: Set to choose the time belt.
Time Format: Set to choose time display format.
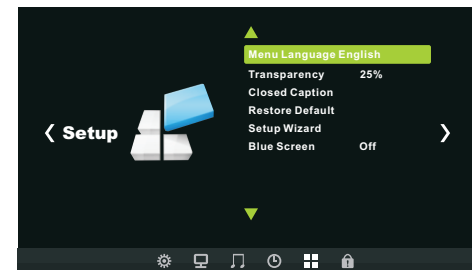Auto Sync: Synchronous automatic.
Clock: Press ENTER to set time.
Wake Up: Ending the state of sleep.

## SETUP

Press MENU button to display the main menu.
Press◄ / ► button to select SETUP in the main menu, it will highlight the first option.



**SETUPMENU**
Press MENU to display the main menu , and press◄/► to select the Seput Memu.
Menu Language: Set the OSD display language. (English/ French/ Spanish)
Transparency: Set transparency of OSD.
Closed Caption: Set to hide the caption
Restore Default: Recall the default setting.
Setup Wizard: Installation guide.
Blue Screen: Set the background color to blue or black when no input signal.
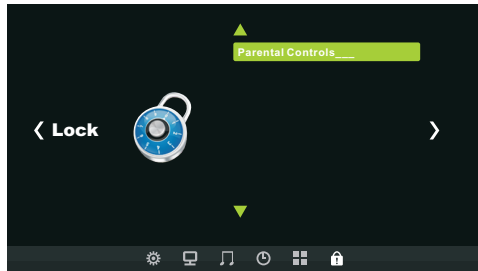
### Adjust the OSD Screen

## LOCK

Press MENU button to display the main menu.
Press ◄ / ► button to select LOCK in the main menu, it will highlight the first option.

Parental Controls___

‹ Lock ›

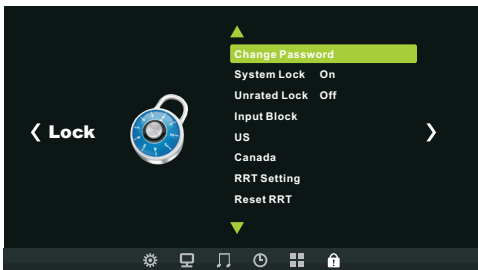Press MENU button to display the main menu.
Press ◄ / ► button to select Lock in the main menu. It will highlight the first option.
Enter the code 0000 to enter the parental menu (see the picture below),
or press MENU to cancel.

Change Password
System Lock    On
Unrated Lock   Off
Input Block
US
Canada
RRT Setting
Reset RRT

‹ Lock ›

### CHANGE PASSWORD
Press **ENTER** button and enter a new 4 digit password.

### SYSTEM LOCK
Press **ENTER** to select the system lock on or off.

### UNRATED LOCK
Press **ENTER** to select the Unrated lock on or off.

Enter Old Password

Enter New Password

Confirm Password

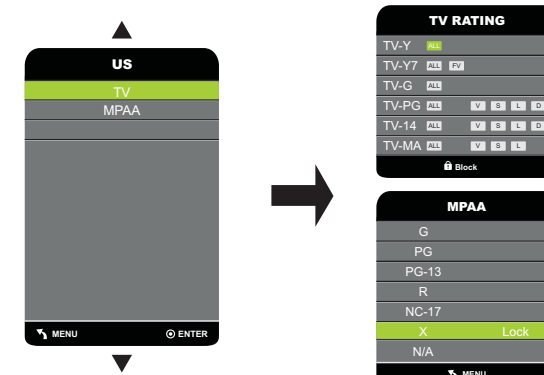◄ Clear        Cancel ►
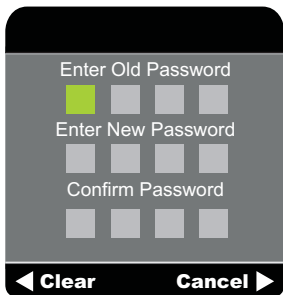
### Adjust the OSD Screen

## LOCK

### INPUT BLOCK
Press ENTER to display the Input Block, Press ▼ / ▲ button to select (TV、AV、HDMI、PC、USB)
press ◄/► button to select "UnBlock" or "Block".

### US
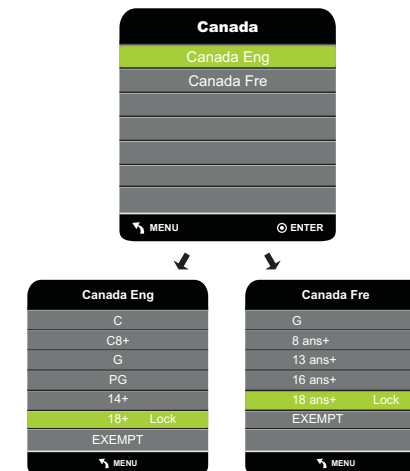Press ENTER or right arrow for to enter to US ratings menu, which contains two sub-menus: Movie Rating and TV Rating.

US
TV
MPAA

MENU        ⊙ ENTER

TV RATING
TV-Y     ALL
TV-Y7    ALL  FV
TV-G     ALL
TV-PG    ALL       V  S  L  D
TV-14    ALL       V  S  L  D
TV-MA    ALL       V  S  L
🔒 Block

MPAA
G
PG
PG-13
R
NC-17
X           Lock
N/A
MENU

### Canada
Press **ENTER** or right arrow for to enter to CANADA ratings menu, which contains two sub-menus: Canada Eng and Canada Fre.

Canada
Canada Eng
Canada Fre

MENU        ⊙ ENTER

Canada Eng
C
C8+
G
PG
14+
18+     Lock
EXEMPT
MENU

Canada Fre
G
8 ans+
13 ans+
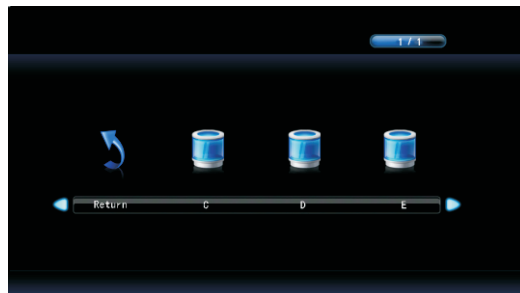16 ans+
18 ans+     Lock
EXEMPT
MENU

### USB Operation

**Note: Before operating Media menu, Plug in USB device, then press SOURCE button to set the Input Source to USB.**
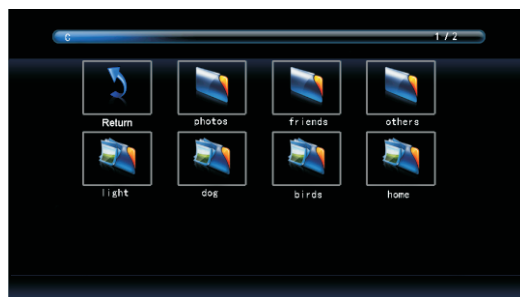Press ◄ / ► button to select Photo/Music , and then press ENTER button to enter.



Choose PHOTO to enter the photo scan model, if there are many zones in mobile equipment, it would shown below:



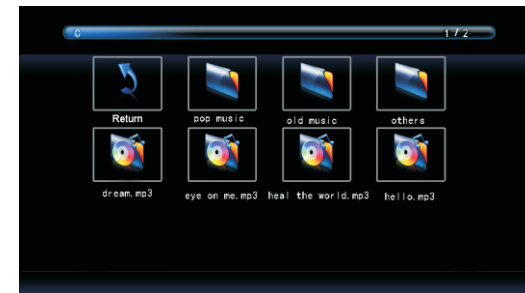Choose C zone, can scan the folder and photos.



Selected the photos, press Enter to show slides, press the Enter again will show the toolbar of menu, as shown, can do various operating to the show slides, for example: suspend, stop, play music etc.
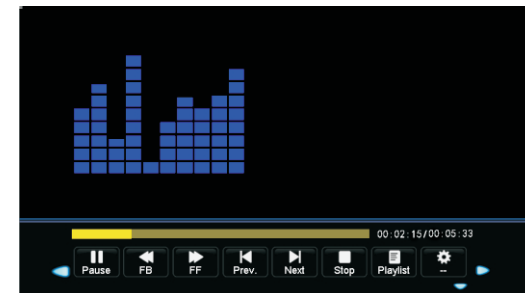
### USB Operation



Enter the model of scanning music can scan the music files, as shown below:



Pitch up the MP3 files, press Enter to play, as shown below, can setup the playing more belong to the toolbar, such as: suspend, fast forward, fall speed, loop, etc.



Press ◄ / ► to select the different menu pages.
Press the remote control of ENTER to turn into the selected sub menu.
Press the remote control of MENU to come back the previous menu or quit.
Press the remote control of EXIT to exit menu directly.

If you have any problem, check the countermeasures for each symptom listed below. The following symptoms may have caused by inappropriate adjustment rather than actual malfunction of the unit. If the trouble persists, contact the service center.

| Symptoms | Possible solutions |
|---|---|
| No power | Please check the power cord is plugged in. Unplug the power cord and plug it after 60 seconds and restart the TV. |
| No picture | Please check antenna connection. Station may experience problems, please tune to another station. Please adjust the settings of contrast and brightness. |
| Good picture but no sound | Please increase the volume. Please check TV is under mute mode, press MUTE button on the remote control. Please check sound settings. |
| Good sound but abnormal color or no picture | Please check the antenna connection. |
| No remote control | Batteries of remote control may have been exhausted, if necessary, please change the batteries. Clean the remote control lens. The distance between LED TV and remote control should be within 8m. |
| Full screen flickering under VGA | V-HEIGHT value may be set too big, restart computer and enter safe mode, then set monitor parameters to correct value according to adjustment description. |
| Horizontal stripes under VGA | Sample phase may be deflected, adjust phase according to picture position. |
| Colored dots may be present on the screen | This product is the high resolution LED display device and a few cell defects can occur in the manufacture of the LED. Several colored dots visible on the screen would be acceptable. in line with other LED manufacturers and would not mean that the LED is faulty. We hope you will understand that it could not be changed or refunded. |

### Snowy Picture

Snowy picture is usually due to weak signal. Adjust antenna or install an antenna amplifier.

### Double Image or Ghosts

Double images are usually caused by reflections from tall buildings. Adjust the direction of the antenna or raise it.

### Radio Wave Interference

Wave patterns are moving on the screen, which are usually caused by nearby radio transmitters or short-wave receiving equipment.

### High Temperature Electrothermal Interference

Diagonal or herringbone patterns appear on the screen or part of picture is missing. This is probably caused by high temperature electrothermal equipment in a nearby hospital.