

Palsonic

The AUSTRALIAN Company

User's Manual

TFTV2410M

60cm (23.6") LED TV/DVD Combo



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Important Safety Instructions and Maintenance

Important Safety Instructions

CAUTION

Risk of electronic shock, do not open.
Do not attempt to service this product yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.



To reduce the risk of fire or electric shock, do not expose this product to rain or moisture.
The apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus.



In case of smoke, strange noise or strange smell from the unit:

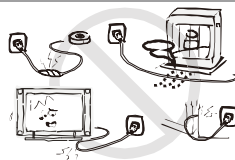
Turn off the power switch immediately;
Disconnect the power plug from the power outlet;
Contact your dealer or service centre. Never attempt to make repairs yourself because this could be dangerous.



Never push objects of any kind into the set through the cabinet slots as they may touch dangerous voltage points or short-circuit parts that could result in a fire or electric shock. Never spill liquid of any kind on the set. Use special caution in households where children are present. The apparatus is not suitable for children under 3-year to operate.



Power supply cords should be routed safely to prevent life and property from dangerous with damaged cord.
Mains plug is used as the disconnect device. It shall remain readily operable and should not be obstructed during intended use. To be completely disconnected the apparatus from supply mains, the mains plug of the apparatus shall be disconnected.

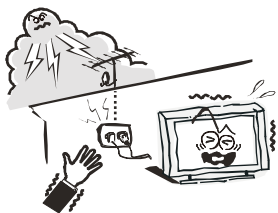


To avoid the fire, no naked flame source, such as lighted candles, should be placed on the apparatus.

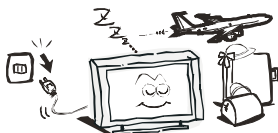


Important Safety Instructions and Maintenance

Important Safety Instructions



An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal.



Always turn the set off when it is not being used. Unplug the apparatus from the AC outlet when it will not be used for a long period of time. And when there is a lightning, unplug the unit from the AC outlet immediately. Never touch the antenna wire during lightning.

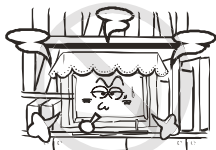


Do not pull the plug out by the wire; Never touch the plug with wet hands.



Excessive sound pressure from earphones and headphones can cause hearing loss.

Installation



The ventilation should not be impeded by covering the ventilation opening with items, such as newspapers, tablecloths, curtains, etc. At least 10 cm space should be left around the apparatus for sufficient ventilation.



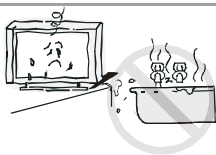
The product should be situated away from heat sources such as radiators, heat registers, stoves, or other products (including amplifiers) that produce heat. Place the apparatus in such a position that the screen is not exposed to direct sunlight. It is best to have soft indirect lighting while watching and avoid complete dark environment and reflection from the screen as these may cause eye fatigue. Keep the product away from high magnetic field (i.e. power-amplified power speaker) to avoid affecting the tint.

Important Safety Instructions and Maintenance

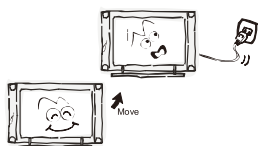
Installation



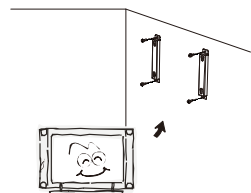
Do not place the set on an unstable cart, stand, table or shelf. The set may fall, causing serious personal injury as well as damage to the product. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. An appliance and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the appliance and cart combination to overturn.



Do not place this apparatus near water, for example, near a bath tub, wash bowl, kitchen sink, or laundry tub; in a wet basement; or a swimming pool; and the like;

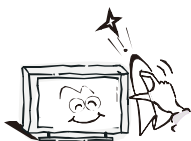


When the TV being moved in from cold place, it needs some right time for dew inside unit evaporating fully before turn on the unit;



To prevent injury, this apparatus must be securely attached to the floor/wall in accordance with the installation instructions.

Cleaning



Unplug this apparatus from the AC outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning;

WARNING



To prevent the spread of fire, keep candles or other open flames away from this product at all times.

For your protection, please read this instruction completely, and keep this manual for future reference.

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General Description

Feature:


- Zero X radiation complies to green environment protection requirement
- Auto tuning and fine tuning
- One PC VGA input socket
- One YPbPr input socket
- One HDMI input socket(HDMI 1.4)
- One composite video input socket
- One audio input sockets
- Support USB
- Headphone
- Multi-language OSD
- Wide range voltage input

Note:

1. In case of any design change, a notice will not be released.

Specifications and Accessories

Specifications:

Description	TFTV2410M
Display Screen Type	Color active matrix LED display
Display size	23.6" Diagonal(max.)
The maximum resolution	1920X1080
Power supply	DC 12V \equiv 3A 
TV receive system	PAL/SECAM: BG, DK, I DVB-T
Frequency range	ATV: 48.25MHz ~ 863.25MHz DTV:VHF(174MHz-230MHz) UHF(474MHz-862MHz)
Video in	PAL/NTSC
Antenna input impedance	75 Ω
Sound output	2 X3 W
Power supply for remote controller	DC 3V (Two AAA size batteries)
Power consumption	36W
Operation environment temperature	0°C-40°C

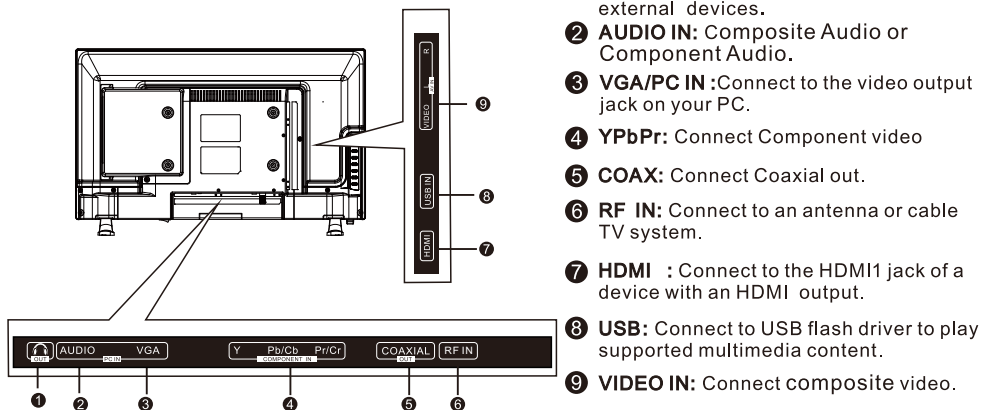
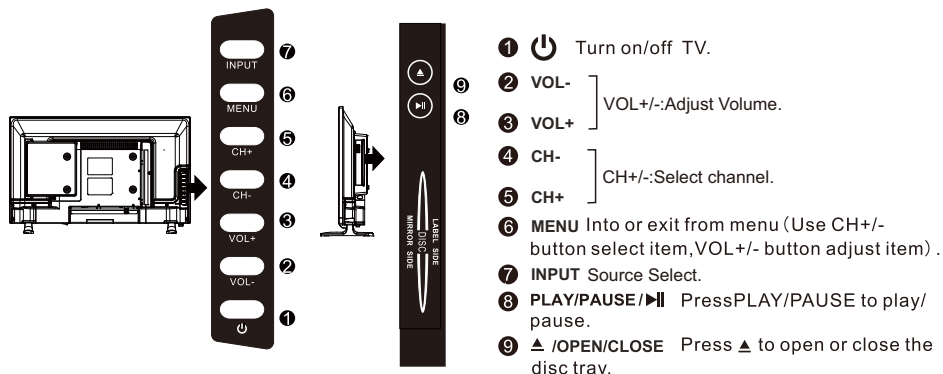
Accessories

- User's manual
- Remote control
- Wall-mounted accessories

Note: Dute to TV may be used with different display screen,weight marked in this user's manual or in packaging box are subject to change without notice.

Overview

The buttons on the lower-right panel control your Tv's basic features, including the on-screen menu. To use the more advanced features, you must use the remote control.



Remote Control



- **【POWER】**
Turns the TV on (standby) and off .
- **【INPUT】**
Input mode conversion button.

- **【AUDIO/NICAM】**
Change audio mode:left,right,mono,stereo.
- **【ASPECT】**
Select different size.
- **【P.MODE】**
Select the different picture mode directly.
- **【S.MODE】**
Select the different sound mode directly.
- **【NUMBER (0-9)】**
Press these button to enter digits These buttons for direct access to use a channel to enter channel number for both ATV and DTV or enter password for Parental lock .
- **【-/-】**
Press to change the channel bit.
- **【RECALL】**
Switch back and front between the current and previous channels.
- **【FAV】**
Favourite program channel button.
- **【FRERZEE】**
To freeze current picture.
- **【TV/RADIO】**
Press to switch between DTV and radio programs
- **【ANGLE】**
Press to choose a different angle
- **【LANGUAGE】**
Press to choose a different angle(DVD)
- **【DVD SETUP】**
DVD menu setup.
- **【DVD MENU】**
Access the on-screen menu.
- **【RED, GREEN, YELLOW, CYAN】**
Used to select the corresponding coloured items on the screen during DTV mode.
- **【SLEEP】**
Set the sleep timer.
- **【EPG】**
Press to display EPG information(Electronic Program Guide).
- **【▲/▼/◀/▶ / ENTER】**
Allows you to navigate the on-screen menus and adjust the system settings to your preference.
- **【MENU】**
Displays the OSD menu(on screen display).
- **【EXIT】**
Press EXIT to exit menu of sub menu

Remote Control



- **【DISPLAY】**
Press this button to display the information on current input
- **【MUTE】**
Switches the sound on or off.
- **【VOL+/VOL-】**
Adjust the volume.
- **【CH+/CH-】**
Change the channel.

- **【▶|】**
▶|: Press this button to PLAY or PAUSE.
- **【■】**
Stop the disc.
- **【◀◀】 【▶▶】**
Play fast backward/forward.(MEDIA/DVD)
- **【◀◀】 【▶▶】**
Play previous/next media file.(MEDIA/DVD)
- **【HOLD】**
HOLD On or Off the current page display in Teletext mode
- **【REVEAL】**
Reveal or Hide the hidden words.
- **【SIZE】**
Change the size of display in Teletext mode
- **【INDEX】**
Press to return to the index/initial page.
- **【S.PAGE】**
Display a sub-page of upper options.
- **【TTX】**
Press to turn the Teletext On and Off.
- **【A-B】**
set A-aiored point B.(MEDIA/DVD)
- **【T. SHIFT】**
Press the button to pause current DTV program and start recording.
- **【▲】**
Eject in DVD Source.
- **【AUTO】**
PC channel images automatic calibration's shortcuts.
- **【REPEAT】**
Press to change the playing mode.
- **【SUBTITLE】**
Select subtitle language(DVD)
- **【REC】**
Press to record the program immediately.
- **【LIST】**
Displays the record list.

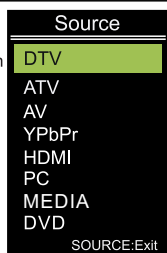
Note:

Before turning off the main power or switching off the power supply, you must switch the TV by pressing the(Power) button on the TV set or on the remote control. Turn off the main power under standing mode.

Basic Operation

Watching television programs

Connect the power cord, press STANDBY button to power on the television, then press button to select TV channel mode to watch television programs.



Picture Menu

Press **MENU** button to display the main menu. Press **◀/▶** button select **PICTURE** in the main menu, then press **ENTER/▼** to enter.



1. Press **▼/▲** button to select the option that you want to adjust in the **PICTURE** menu.
2. Press **Enter/◀/▶** button to adjust.
3. After finishing your adjustment, Press **MENU** button to save and return back to the previous menu.

Picture Mode

Press **▼/▲** button to select Picture Mode, then press **◀/▶** button to select. (Available Picture mode: Standard, Mild, Dynamic, Personal).

TIPS: You can press **PMODE** button to change the Picture Mode directly.

Brightness/Contrast/ Sharpness/Saturation/Hue

Press **▼/▲** button to select option, then press **◀/▶** button to adjust.

Brightness

Adjust the optical fiber output of the entire picture, it will effect the dark region of the picture.

Contrast

Adjust the highlight intensity of the picture, but the shadow of the picture is invariable.

Sharpness

Adjust the peaking in the detail of the picture.

Saturation

Adjust the saturation of the color based on your own like.

Hue

Use in compensating color changed with the transmission in the NTSC code.

Color Temp

Change the overall color cast of the picture.

Press **▼/▲** button to select Color Temp, then press **◀/▶** button to select Standard/Cool/Warm.

Aspect Ratio

Press **▼/▲** button to select Aspect Ratio, then press **◀/▶** button to select Aspect Mode.

PC Setting

Press **INPUT** to select PC source.

Press **MENU** to enter the main menu, then press **◀/▶** button to select PICTURE menu.

Press **ENTER/▼** to enter and press **▼** to select PC Setting.

Press **▼/▲** button to select PC Settings, then press **◀/▶** button to adjust.

Auto Adjust

Press **MENU/▶** button to adjust to the screen automatically to the optimal position of the picture.

H Position

Adjust the horizontal position of the picture.

V Position

Adjust the vertical position of the picture.

Phase

Minimize horizontal distortion.

Clock

Minimize vertical stripes in the screen image.

Press **▼/▲** button to select HDMI Mode

then press **◀/▶** button to select **Auto**, **Video** or **PC**. It is available in **HDMI Input** only.

Advanced Settings

Adjust advanced video features to fine tune the picture.

Press **▼/▲** button to select Advanced Settings, then press **Enter/▶** button to enter sub-menu.

NR

Set options to reduce video noise.

Press **▼/▲** button to select NR, then press **◀/▶** button to select .(Off, Week, Medium, Strong).

Mpeg NR

Set options to reduce MPEG noise.

Press **▼/▲** button to select Mpeg NR, then press **◀/▶** button to select . (Off, Week, Medium, Strong).

Dynamic Contrast

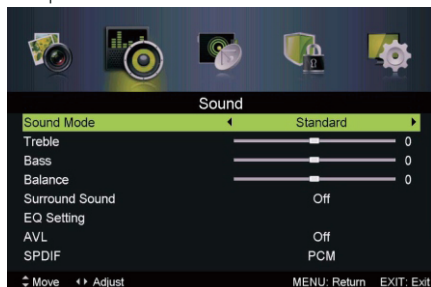
Automatically adjust picture detail and brightness.

Press **▼/▲** button to select Dynamic Contrast, then press **◀/▶** button to select . (Available Dynamic Contrast : Off, Week ,Medium ,Strong).

Menu Operation

Sound Menu

Press **MENU** button to display the main menu.
Press ◀ / ▶ button select **AUDIO** in the main menu,
then press **ENTER** / ▼ to enter.



1. Press ▼ / ▲ button to select the option that you want to adjust in the **SOUND** menu.
2. Press **Enter**/◀ / ▶ button to adjust.
3. After finishing your adjustment, Press **MENU** button to save and return back to the previous menu.

Sound Mode

Press ▼ / ▲ button to select Audio Mode, then press ◀ / ▶ button to select. (Available Sound mode: Standard, Music, Personal, Movie).

Treble/Bass/Balance

Press ▼ / ▲ button to select option, then press ◀ / ▶ button to adjust.

Treble

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

Bass

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

Balance

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

Surround Sound

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

EQ Setting

Adjust the curve of 7 bands equalizer.

Press ▼ / ▲ button to select EQ Setting, then press **Enter** / ▶ button to enter sub-menu.

EQ Mode

Press ▼ / ▲ button to select EQ Mode, then press ◀ / ▶ button to select. (Available EQ mode: Off, Rock, Pop, Jazz, User).

AVL

Set the auto volume control.

Press ▼ / ▲ button to select AVL, then press ◀ / ▶ button to select On or Off.

SPDIF

Press ▼ / ▲ button to select **SPDIF**, then press ◀ / ▶ button to select Off / Auto / PCM.

Audio Description

Press ▼ / ▲ button to select Audio Description, then press **Enter** / ▶ button to enter sub-menu.

Mode

Press ▼ / ▲ button to select **Mode**, then press ◀ / ▶ button to select On or Off.

When the mode is **On**,

Volume can be adjust by users.

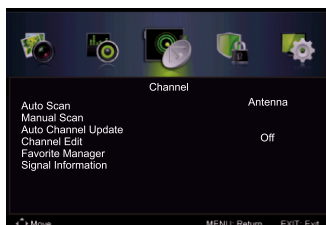
Sound Type

Press ▼ / ▲ button to select Sound Type, then press ◀ / ▶ button to select. (Available Sound Type: Stereo, Dual I, Dual II, Mixed).

Channel Menu

Press **MENU** button to display the main menu.

Press ◀ / ▶ button to select **CHANNEL** in the main menu, then press **ENTER** / ▼ to enter.



1. Press ▼ / ▲ button to select the option that you want to select in the **CHANNEL** menu.
2. Press **Enter** button to enter sub-menu.
3. Press **MENU** button to return back to the previous menu.

Auto Scan

Press ▼ / ▲ button to select Auto Scan, then press **Enter** / ▶ button to enter sub-menu.

Country

Press ◀ / ▶ button to select country

Mode

Press ◀ / ▶ button to select Mode: DTV+ATV, DTV, ATV.

Menu Operation

Start

Press **Enter** / ► button to start the auto searching.

It will search digital channels first, then analog 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. Found numbers do not include encryption programs.

Manual Scan

Press ▼ / ▲ button to select Manual Scan, then press **Enter** / ► button to enter sub-menu.

Digital Manual Scan

Press ▼ / ▲ button to select Digital Manual Scan, then press **Enter** / ► button to enter sub-menu.

Analog Manual Scan

Press ▼ / ▲ button to select Analog Manual Scan, then press **Enter** / ► button to enter sub-menu.

Channel Edit

Press ▼ / ▲ button to select Channel Edit, then press **Enter** / ► button to operate channel edit function

Signal Information

Press ▼ / ▲ button to select Signal Information, then press the **Enter** button to see the detail information about the signal. Only available when there is signal under DTV.

Lock System

Press **MENU** button to display the main menu.

Press ◀ / ► button select **Lock System** in the main menu, then press **ENTER** / ▼ to enter.



Enter Password

1. Press ▼ / ▲ button to select the option that you want to adjust in the Enter Password menu.
2. Press **Enter** / ◀ / ► button to adjust.
3. After finishing your adjustment, Press **MENU** button to save and return back to the previous menu. Default password is 0000, and if forget what you set, please call the service center.

Enable

Press ▼ / ▲ button to select Enable, then press ◀ / ► button to select On or Off.

Channel Locks, Parental Rating and Lock Keypad are available when Enable is On.

Channel Locks

Press ▼ / ▲ button to select Channel Locks, then press **Enter** / ► button to enter sub-menu. to lock channel according to the instruction

Parental Rating

Press ▼ / ▲ button to select Parental Rating, then press ◀ / ► button to select.

Lock Keypad

Set to prevent it from being used by young children, or other unexpected usage.

Press ▼ / ▲ button to select Lock Keypad, then press ◀ / ► button to select On or Off.

Hotel Mode

Press ▼ / ▲ button to select Hotel Mode, then press Enter button to enter sub-menu to select.

New Password

Press ▼ / ▲ button to select New Password, then enter a 4-digital number you want to set twice.

Clear Lock

Press ▼ / ▲ button to select Clear Lock, then press **Enter** / ► button to enter Auto scan.

Menu Operation

Setup Menu

Press **MENU** button to display the main menu.

Press **◀ / ▶** button select **SETUP** in the main menu, then press **ENTER / ▼** to enter.



OSD Language

Press **▼ / ▲** button to select OSD Language, then press **◀ / ▶** button to select Language.

Audio Languages

Press **▼ / ▲** button to select Audio Languages, then press **Enter** button to enter sub-menu.

Press **▼ / ▲ / ▶ / ▶** button to select the Audio Primary Language and Audio Secondary Language.

Subtitle

Press **▼ / ▲** button to select Subtitle, then press

Enter button to enter sub-menu.

Teletext

Adjust Teletext settings.

Only available under DTV and ATV source.

Press **▼ / ▲** button to select Teletext, then press **Enter / ▶** button to enter sub-menu.

Blue Screen

Press **▼ / ▲** button to select Blue Screen, then press **Enter** button to select On or Off.

Mode Setting

Press **▼ / ▲** button to select Mode Setting. Press **◀ / ▶** button to select store mode and home mode.

Time Settings

Press **▼ / ▲** button to select Time Settings, then press **Enter / ▶** button to enter sub-menu.

Time Settings

Press **▼ / ▲** button to select OSD Time, press **◀ / ▶** button to select. (Available OSD Time: Off, 10seconds, 20seconds, 30seconds, 60seconds).

Sleep Timer

Set a timer for the TV to turn off automatically.

Press **▼ / ▲** button to select Sleep Timer, press **◀ / ▶** button to select. (Available Sleep

Timer: Off, 5mins, 15mins, 30mins, 60mins, 90mins, 120mins, 240mins).

Auto Sleep

Press **▼ / ▲** button to select Auto Sleep, press **◀ / ▶** button to select Off, 3 hours, 4 hours or 5 hours.

Time Zone

Select your time zone.

Press **▼ / ▲** button to select Time Zone, then press **Enter / ▶** button to enter sub-menu.

Time

Press **▼ / ▲** button to select Time, then press

Enter / ▶ button to enter sub-menu.

Set Auto Sync to Off, Power On/Off Timer to On, then you can set the time manually.

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

PVR Settings

Press **▼ / ▲** button to select PVR Settings, then press **Enter** button to enter sub-menu.

It will check the USB.

First Time Setup

Press **▼ / ▲** button to select First time Setup, then press **Enter** button to enter.

Reset

Press **▼ / ▲** button to select Reset, then press **Enter** button to enter sub-menu.

EPG Menu

Press the button EPG in the remote control to enter EPG menu.

Press the RED button to display previous date.

Press the GREEN button to display next date.

Press YELLOW button to see the setting you have done before.

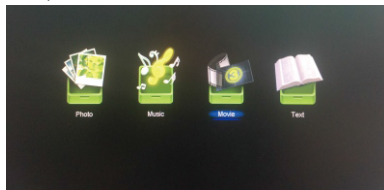
Press the BLUE button to set the time you want to remind the program you want to see.

USB Operation

Note: Before operating **USB** menu, Plug in USB device, then press **INPUT** button to set the Input Source to **USB**.

Press **◀ / ▶** button to select **USB** in the Source menu, then press **Enter** button to enter.

Press **◀ / ▶** button to select the option you want to adjust in the main **USB** menu, then press **Enter** button to enter.



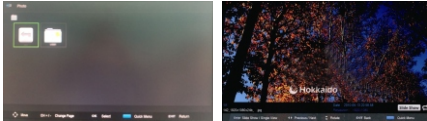
USB

Photo

Press ◀ / ▶ button to select PHOTO in the main menu, then press **Enter** button to enter.

Press ◀ / ▶ button to select drive disk you want to watch, then press **Enter** button to enter.

Press ◀ / ▶ button to select return option to back to the previous menu.



Press ▼ / ▲ button to select return option to back to the previous menu.

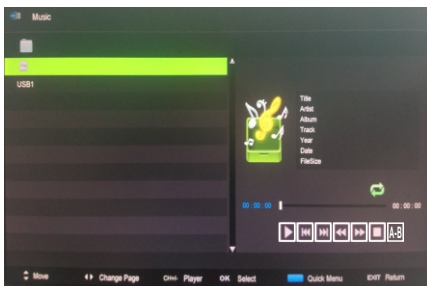


Music

Press ◀ / ▶ button to select MUSIC in the main menu, then press **Enter** button to enter.

Press ▼ / ▲ button to select drive disk you want to watch, then press **Enter** button to enter.

Press ▼ / ▲ button to select return option to back to the previous menu.



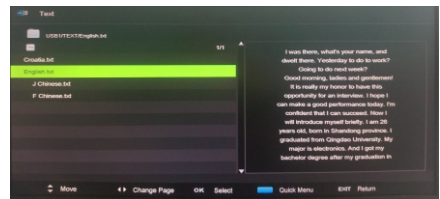
When highlighting the option you select, the file information will appear on the right.

Text

Press ◀ / ▶ button to select TEXT in the main menu, then press **Enter** button to enter.

Press ▼ / ▲ button to select drive disk you want to watch, then press **Enter** button to enter.

Press ◀ / ▶ button to select return option to back to the previous menu.



When highlighting the option you select, the file information will appear on the right.

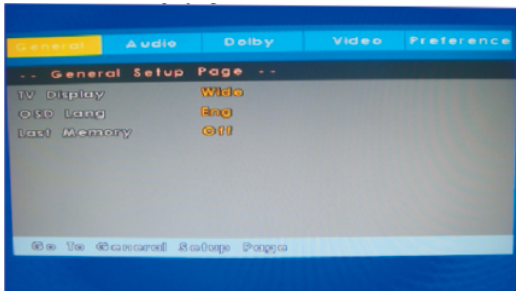
Movie

Press ◀ / ▶ button to select MOVIE in the main menu, then press **Enter** button to enter.

Press ▼ / ▲ button to select drive disk you want to watch, then press **Enter** button to enter.

The DVD settings menu by the remote control the lower arrow, Up and down buttons of the OSD menu. To change the OSD menu items. Left and right buttons of the OSD menu. To select the OSD menu items.

1. General Settings page



1. TV Display

Some DVD discs have been authored in 4:3 aspect ratio format. To see the material in its original mode, you may need to change the Aspect ratio.

Pan & Scan (4:3)

Black edges left and right will be seen.

Letterbox (4:3)

Top and bottom of the screen may be black.

Wide 16:9 (Widescreen)

Full width picture but may have black areas top and bottom.

OSD Language.

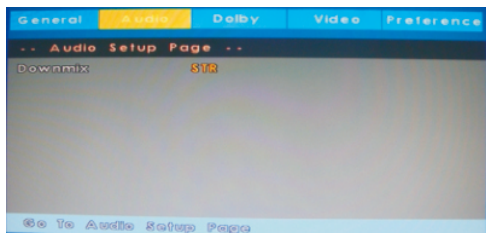
Select the OSD Language (English is default).

Last Memory. ON/OFF.

You may wish the player to remember where it finished playing a disc and then remove the disc. When you stop the disc, the player will automatically remember the point it finished playing. When the disc is re inserted the player will continue from the same point.

2. Audio Setup

When the DVD menu displayed, the DVD system will auto pause. Press SETUP again, it will go on



A. Press SETUP button on remote control during playing DVD, Press “▶ / ◀” until it will show following menu.

B. Press “▼/▲” to choose the items, then enter the desired item with OK button. It has been set already when the desired item becomes red.

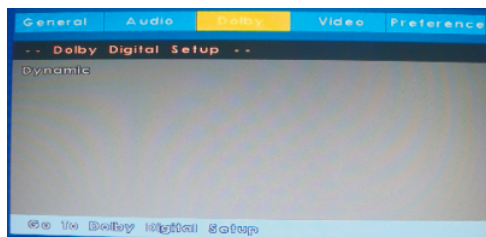
Note: Press Left button to get back the previous menu.

C. Press SETUP to exit the menu.

D. The items of the menu as below.

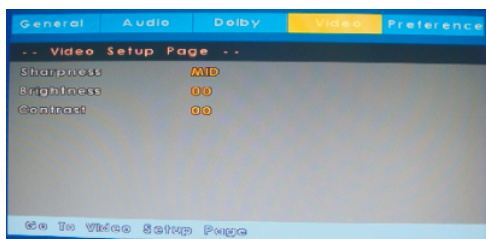
Downmix: choose the downmix mode. There is only one item--stereo.

3. Dolby Setup



Dynamic is the difference between the maximum level and the minimum level of sounds. this function is generally used when playing high volume programs at night, in order not to disturb the neighbour. This setting can dynamo lower the volume and still keep the original tone quality. This is the range, measured in decibels(dB), between the loudest and the quietest sound registers in a soundtrack.

5. Video Setup

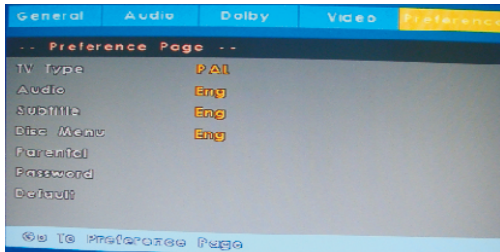


1). **sharpness** :
adjust the sharpness of the image.

2). **Brightness** :
Select 'Brightness' by using the “▼/▲” button, then press OK. You can adjust the Brightness by pressing the “◀/▶” button. To exit 'Brightness' setting, press OK again to return.

3). **Contrast** :
Select 'Contrast' by using the “▼/▲” button, then press OK. You can adjust the Contrast by pressing the “◀/▶” button. To exit 'Contrast' Setting, press OK again to return.

6. Preference Setup



1.TV Type

TV Type:select the colour type from PAL、AUTO or NTSC.

2.Audio

Please select the preferred language for DVD audio.

- 1) The selected language is assigned high priority and can therefore be adopted automatically when the player begins playing a disc.
- 2) Languages vary between discs,depending on the DVD.You can also select alternative languages by pressing the AUDIO button on the remote

3.Subtitle

Selects the preferred language for subtitles recorded on Discs.

- 1) The selected subtitle language is assigned high priority and can therefore be adopted automatically when the player begins playing a disc.
- 2) Subtitles vary between discs, depending on the Discs. You can also select alternative subtitle language by pressing the SUBTITLE button on the remote .

4.Disc Menu:

Select the preferred language for the discmenu recorded on the Discs. This choice varies between Discs.

5.Parental

It is possible to restrict playback of certain Discs to a certain level of user, based on their age, for example. Certain scenes can be blocked or replaced with different scenes. The "Parental Control" function lets you set the access control level. This function is password-protected.

Note: If you play discs that do not support the Parental Control function, the DVD player cannot restrict access to the disc.

6.Password

Change the password to your desired .The default password is 0000 .

7.Default

Restore the DVD player's system to factory default settings.

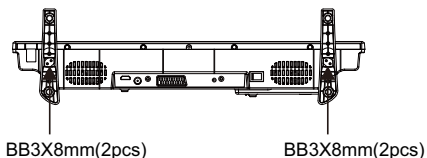
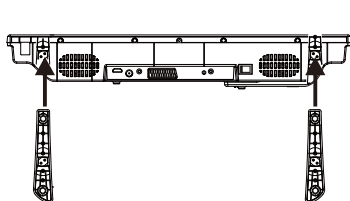
External connection

1.Assemble the stand

Before attaching/detaching the stand,make sure to turn off the TV.

-Before performing work spread cushioning over the base area to lay the LED TV on.
This will prevent it from being damaged.

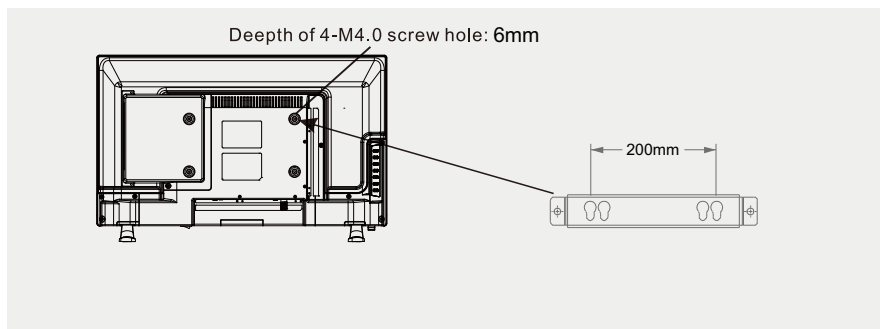
Stand installation instruction



2.Stand or Wall-mounted(optional)

How to mount the LED TV?

- (1) Take out the bracket hole cover from groove with screw driver and place on the bracket hole;
- (2) Fasten 4 screws into four nuts on the rear cover;
- (3) Fasten 1 bracket with 2 M4 screws on the wall;
- (4) Carefully check for the strength before releasing the LED TV.



Trouble shooting

If you have any problem, check the countermeasure 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.

Problem	Possible Solution
Poor picture and sound quality	Try another channel. Adjust the antenna. Check all wire connections.
No picture or sound under TV status	Try another channel. Press the TV/AV button. Make sure the TV is plugged in. Check the antenna connections.
No sound or sound is too low at maximum volume	First, check the volume of units connected to your TV. Adjust the TV volume accordingly. Check sound adjustment(Volume and Mute)
No color, wrong colors or tints.	Make sure the program is broadcast in color. Select the picture menu, then adjust the color or tint submenu to the proper value.
Picture rolls vertically.	Check all wire connections.
Blurred or snowy picture, distorted sound	Check the direction, location and connections of your antenna. This interference is often due to the use of an indoor antenna.
Remote control malfunctions	Replace the remote control batteries. Check the battery terminals. Remote is out of range, move close to TV Confirm there is no obstructions between remote and TV Make sure power cord is plugged in
Image is not centered on the screen.	Adjust the horizontal and vertical position
Clean TV set	When cleaning the LCD screen, please pull out the power plug, use dry and soft and clean cloth to clean the dust on the screen and shell. In case of further cleaning for the screen, please use clean wet cloth. Do not use naphtha, thinner or similar liquids for cleaning.
Colored point	This product adopts a high-resolution LCD TV, and the colored point of some pixels may occur due to the special feature of the product. For a few of colored points, this shall not be related with terrible product performance or product reliability, and in case of this situation, the service of the product will not be influenced. For the criterion of colored points, our company has similar products with others. The colored point in conformity with the product criterion is not covered by the return scope of the product due to quality problems. We hope our respected customers will forgive us.

Picture defects and countermeasures

The most common types of television interference are as following:

SNOWY PICTURE

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



DOUBLE IMAGES 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 pattern are moving on the screen, which are usually caused by nearby radio transmitter or shot-wave receiving equipment.



HIGH TEMPERATURE ELECTROTHERMAL INTERFERENCE

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



NOTE: If one of these symptoms appears on the screen when the cable from a company is connected, this may be due to the local cable company broadcast.

Palsonic

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