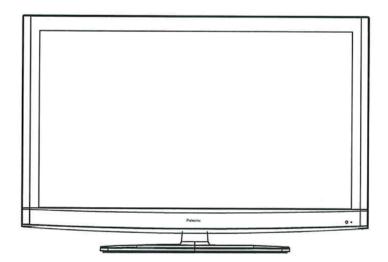


# User's Manual

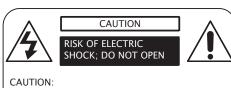
# TFTV8170LED

80cm (31.5") LED TV / DVD Combo with DVB-T

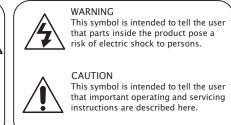




# Important safety information



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



### Grounding information

This apparatus must be grounded. To ensure safe operation, the grounded plug must be inserted only into a standard grounded power outlet which is effectively grounded through normal household wiring. Extension cords used with the equipment must be hazardous. The face that the equipment operates satisfactorily only means it is grounded, but the installation may not necessarily be safe. For your safety, if in any doubt about the effective grounding if the equipment or power outlet, please consult a qualified technician.

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE. TO AVOID ELECTRIC SHOCK, INSERT TPLUG FULLY INTO THE POWER OUTLET.

### Product disposal

Do not dispose of the TV with general household waste. The LED screen contains a small amount of liquid crystal and mercury. For disposal or recycling information, please contact your local authorities.

### Safety precautions

Please read all of these instructions before you operate your television and save these instructions for later use. This unit has been engineered and manufactured to ensure your personal safety, However, improper use can result in electric shock or fire hazards. In order not to defeat the safeguards incorporated in this equipment, please observe the following basic rules for its installation, use and servicing.

- Unplug this television equipment from the wall outlet before cleaning.
- Do not use liquid cleaners or aerosol cleaners. Use a soft cloth moistened with water for cleaning.
- Use only the attachments recommended by the television equipment manufacturer.
- Do not use this television equipment near water-for example, near a bath tub, washbowl, kitchen sink or laundry tub, in a wet basement, or near a swimming pool.
- Do not place this equipment on an unstable surface, stand, or cart. The television equipment may fall, causing serious injury to a child or an adult, and seriously damage the equipment.
- When carrying the TV, hold it under the maim unit. Do not carry the TV by its speakers, Both the base
  and the speakers could come off, causing you to drop the TV, possibly resulting in damage to the TV
  or causing injury.
- Television equipment and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces when moving may cause the equipment and cart combination to overturn.
- Shelf mounting should follow the manufacturer's instructions, and should use a mounting kit approved by the manufacturer.
- Slots and opening in the cabinet and the back or bottom are provided for ventilation. To ensure reliable operation of the television equipment and to protect it from overheating, these opening must not be blocked or covered. This television equipment should not be placed in an enclosed installation such as a bookcase unless proper ventilation os provided.

- The openings should never be covered with a cloth or other material, and the bottom openings should not be blocked by placing near or over a radiator or heat source.
- This Television equipment should be operated only from type of power source indicated on the marking label. If you are not sure of the type of power supplied to your home, consult your television dealer or local power company.
- As a safety feature, this television equipment is equipped with a grounded power plug, If the plug does not fit in your power outlet, contact your electrician. Do not modify the plug and defeat this safety feature.
- Do not allow anything to rest on the power cord. Do not locate this television equipment where the cord may be damaged due to lightning and power-line surges.
- Follow all warnings and instructions marked on the television equipment.
- If an outdoor antenna is connected to the television equipment, be sure the antenna system is grounded so as to provide some protection against voltage surges and static charges.
- For added protection or this television equipment during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna. This will prevent damage to the equipment due to lightning and power-line surges.
- An outdoor 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 outdoor antenna system, extreme care should be taken to keep from touching such power lines
  or circuits as contact with them might be fatal.
- The mains plug or the appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable. The mains plug is connected with the electrical outlet with safety ground wire.
- Do not over load wall outlets and extension cords as this can result in fire or electric shock.
- Never push objects of any kind into this television equipment through cabinet slots as they may touch dangerous voltage points or short-circuit internal parts. This could result in a fire or electric shock. Never spill liquid of any kind in the television equipment.
- Do not attempt to service this television equipment yourself as opening or removing covers may
  expose you to dangerous voltage or other hazards. Refer all servicing to qualified service
  personnel.
- Unplug this television equipment from the wall outlet and refer servicing to qualified service personnel under the following conditions:
  - When the power cord or plug is damaged or frayed.
  - If liquid has been spilled into the television equipment.
  - If the television equipment does not operate normally by following the operating instructions. Adjust only those control that are covered by the operating instruction as improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the television equipment to normal operation.
  - If the television equipment has been dropped or the cabinet has been damaged.
  - When the television equipment exhibits a distinct change in performance
  - —this indicates a need for service.
- UP on completion of any service or repairs to this television equipment ,ask the service technician to perform routine safety checks to determine that the television is in safe operating condition.
- When replacement parts are required, make sure that the service technician has used replacement parts specified by the manufacturer that have the same characteristics as the original part.
  - Unauthorized substitutions may result in fire, electric shock, or other hazards.
- Note to CATV system installer: This note is to remind the CATV system installers that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry practical.

CAUTION:	IF the set is not going to be used for a long period, such as during a vacation, unplug the set from the wall outlet to economise power. (If the TV set is plugged in, a slight current still flows, even with the power button in OFF position)
	power button in OFF position)

### Handling the LED screen

- Do not leave the LED screen facing the sun as it can damage it. Take care when you
  place the TV by a window.
- Do not push or scratch the LED screen .Do not place a heavy object on the LED screen. This may cause the screen to lose conformity or cause LED panel malfunctions.
- If the TV is used in a cold place, a smear may appear on the screen. This is not a malfunction. The screen will return to normal as its temperature rises to a normal operating level.
- If a still picture is displayed for a long time on the TV screen, ghosting may occur for a while. The ghosting will eventually disappear.
- If the LED panel becomes warm during operation, this is normal and not a malfunction.

### Handing of broken glass and liquid crystal leakage

If the LED panel is damaged, crystalline liquid leakage may occur, or scattered broken glass may result. Do not touch broken glass or crystalline liquid (which is toxic). With bare hands that have cuts, skin irritation or poisoning may result. If any crystalline liquid gets into mouth or eyes, rinse thoroughly with and consult your doctor.

### IMPORTANT NOTICE

This product composes up to 6.0 million cells and a few cell defects may occur in the manufacture of the panel. Several dead pixels (allow up to 2 bright or 2 dark pixels) on the panel are deemed acceptable by the industry standards. In line with manufacturers and would not mean that the panel is faulty. Dead pixels panels with 6 pixels or more within 12 month period, Palsonic Corporation Pty Ltd. complies with industry standard and reserves the right to repair the unit and non-refundable. We hope you will understand that the product that corresponds to this standard is regarded as acceptable.

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# Overview of the LED TV

Congratulation on purchasing the LED Television. This product has been designed to provide you with a rich audio and video experience. This monitor enables you to watch broadcast, cable television or channels, connect VCR, VCD or DVD player to watch your favorite movies, or connect a computer to use the display as a monitor. The TV is equipped with convenient control buttons and a handy remote control to let you adjust the TV setting and customize the TV preferences through an easy-to-use on screen menu system.

### **Features**

Enjoy the versatility of your LED TV with its wide variety of features:

- Color active matrix TFT LED TV with remote control
- Safe, sturdy construction
- Maximal resolution: 32" 1366 x 768
- •Audio / Video support:
  - —HDMI input
  - —PC input
  - —PC AUDIO input
  - —YPbPr input
  - —AV input
  - -RF input
  - —USB input
- •On-Screen Display (OSD) menu system
- •Built-in 2 speakers

# Opening the packing

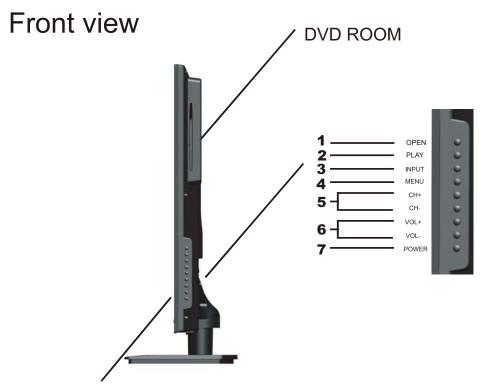
The following section describes the various components of the LED TV. Please take a few moments to familiarize yourself with the product and control panel before using it.

When you unpack this LED TV, make sure the box contains the following items:

- LED Color Television
- Remote Control (with batteries)
- User Manual
- Warranty Registration Card
- Quick Start Guide

If any of these items appears to be missing or damaged, please contact your vendor or authorised service personnel for assistance.

# Product components



Remote Inductor and Power Indicator

**1** OPEN

To open the disc tray.

**2** PLAY

Press to play disc.

**3** INPUT

Switch the input sources.

**4** MENU

Press the button to enter on screen Display (OSD).

**6** CH +/-

Increase or decrease channel numbers.

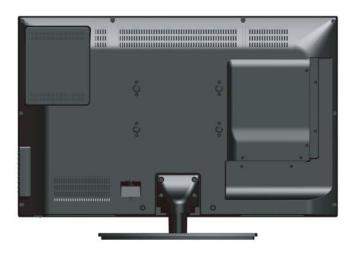
**6** VOL +/-

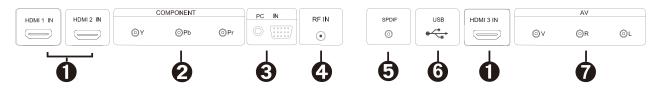
Increase or decrease the volume.

**7** POWER

Turn the TV on or off.

### Rear view





- 1 HDMI IN
- Connect to the HDMI output of your device.
- **2** YPbPr

Connect to the component output of your component device.

- 3PC IN
- Connect to the VGA output of your device.

Connect to the audio output of your PC (earphone jack)

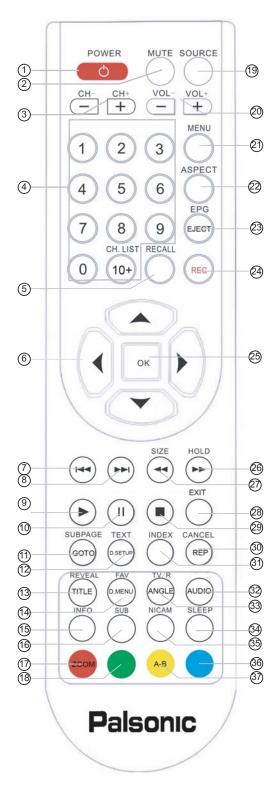
- 4 RF IN
- Connect to the UHF antenna or coaxial cable from local TV.
- **5** SPDIF

Connect an optional coaxial digital cable (not included) through a compatible amp/receiver to enjoy superior audio sound.

- **6** USB
- Connect to portable USB device such as USB fash / hard device.
- **7** AV IN

Connect to the audio and video output of A/V device.

# Remote Control



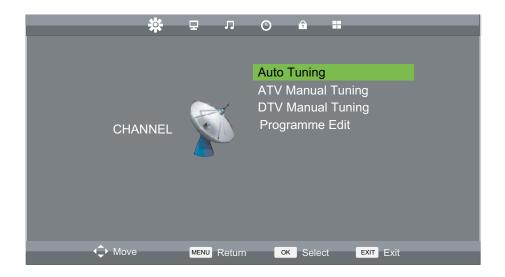
- If direct sunlight shine directly on the remote sensor, remote control's operation may be unstable, and the effective range will be shorter.
- Do not hit or violently shake the remote control.
- Never expose the remote control to high temperature or humidity.
- If the remote is not used for an extended period of time, remove the batteries to prevent damage or injury from possible battery leakage.

NUM.	BUTTON&FUNCTION
1	<b>POWER</b> - Press this button to switch on the TV when at standby mode or enter standby mode.
2	MUTE - Press this button to mute or restore sound.
3	CH-/CH+ - Changes the channels up and down.
4	[0-10+] - Directly elect a TV channel(10+ only in DVD)
<u> </u>	CH-List - Display the channel list(only in DTV).
5	RECALL-Return to previous channel.
6	[A], [V], [I] - Direction button.
8	Chapter Previous button Chapter Forward button
9	PLAY button
10	PAUSE button
11	SUBPAGE-Videotext sub-page button.
_ ''	GOTO -Search button.
12	<b>TEXT</b> - The button used in teletext mode.
'-	<b>D.SETUP</b> - DVD setup button.
13	REVEAL -To reveal or hide the hidden words.
	TITLE button
14	FAV - Favorite program.
15	<b>D.MENU</b> -DVD MENU button.  INFO - Display a variety of information about current channel.
16	SUB button - Subtitle button.
	RED - Display red screen in TELETEXT mode.
17	ZOOM button
18	GREEN - Display green screen in TELETEXT mode.
19	SOURCE - Press source to change the singal source.
20	Vol-/Vol+ - Adjust the volume.
_21	<b>MENU</b> - Press this button to enter the menu screens for various optional adjustable setting.
_22	ASPECT - Aspect Ratio
23	<b>EPG</b> – To show the Electronic Programmes Guide during no-menu state only.
	EJECT button
24	REC - Record button
25	<b>OK</b> - Press OK to Confirm your operartion
26	HOLD - Freezes a multi-page passage on screen in Teletext mode.
	FAST FORWARD button
27	SIZE - Change the display size in teletext mode.
	FAST REVERSE button
28	<b>EXIT</b> -To return to the screen.
29	STOP button
30	CANCEL -Videotext hidden button
	REP -Repetition button
31	INDEX-Request the index page in teletext mode.
32	AUDIO button
33	TV/R -TV and Radio Channels.
33	ANGLE - Angle button
34	SLEEP-Cycles through the LCD TV sleep time.
35	NICAM - Press repeatedly to cycle through the NICAM mode.
36	BLUE - Display blue screen in TELETEXT.
	YELLOW - Display yellow screen in TELETEXT.
37	A-B -Segment repetition button
L	U 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

# Using the OSD MENU

The On-Screen Display (OSD) menu system provides a quick and simple method to adjust LED TV base setting. OSD menu can be viewed using both the remote control and the control buttons on the front panel.

# **Channel Adjustment**



- 1. Press MENU button on the front panel or MENU button on the remote control to display the main menu.
- 2. Press ◀/▶ buttons on the remote control or VOL +/- buttons on the front panel to select the Channel Setting menu, then press OK or ▼ buttons for the submenu.
- 3. Press ▲/▼ buttons on the remote control or CH +/- buttons on the front panel to select the item you want to adjust.
- 4. Press OK button on the remote control and press  $\triangle/\nabla \blacktriangleleft/\triangleright$  buttons to change the status.
- 5. Press MENU button to go to the previous menu.

After changes settings of the OSD menus, the new settings are confirmed automatically when OSD picture vanish, even did not press the menu to exit the OSD system.

# Channel Adjustment

#### Sub windows info:

Auto Tuning	Press " OK " button to enter Auto tuning and start channel
	tuning.
ATV Manual Tuning	Press " OK " button to enter ATV Manual Tuning.
<b>DTV Manual Tuning</b>	Press " OK " button to enter DTV Manual Tuning.
Programme Edit	Press " OK " button to enter Programme Edit.

#### **ATV Manual Tuning**



#### Programme Edit:

Press ▲/▼ button to select the channel you want to edit.

Press the red button on the remote control to delete the channel:

Press the green button on the remote control to rename the channel;

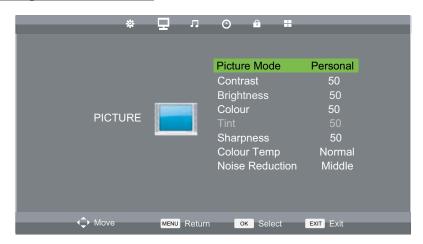
Press the yellow button on the remote control to move the channel;

Press the blue buttonon the remote control to skip the channel;

Press the FAV button on the remote control to add or delete favourite channels.



# Picture Adjustment



- 1. Press MENU button on the front panel or MENU button on the remote control to display the main menu.
- 3. Press ▲/▼ buttons on the remote control or CH +/- buttons on the front panel to select the item you want to adjust.
- 4. Press OK button on the remote control and press  $\blacktriangle/\blacktriangledown \blacktriangleleft/\blacktriangleright$  buttons to change the status.
- 5. Press MENU button to go to the previous menu. Sub windows info:

Picture Mode	Press " OK " button to enter Picture Mode, then press ▲/▼ but-
	tons to select : Dynamic, Standard, Mild, Personal.
Contrast	Press " OK " button to enter Contrast, then press ◀/▶ buttons to
	adjust the contrast of the picture.
Brightness	Press " OK " button to enter Brightness, then press ◀/▶ buttons
	to adjust the brightness of the picture.
Colour	Press " OK " button to enter Colour, then press ◀/▶ buttons to
	adjust the colour of the picture.
Sharpness	Press " OK " button to enter Sharpness, then press ◀/▶ buttons
	to adjust the sharpness of the picture.
Colour Temp	Press " OK " button to enter Colour Temp, then press ▲/▼ buttons
	to select: Cold, Normal, Warm.
Noise Reduction	Press " OK " button to enter Noise Reduction, then press ▲/▼ but-
	tons to select: off, low, middle, hight, default.

# Sound Adjustment



- 1. Press MENU button on the front panel or MENU button on the remote control to display the main menu.
- 2. Press **◄/▶** buttons on the remote control or VOL +/- buttons on the front panel to select the OSD Setting menu, then press OK or **▼** buttons for the submenu.
- 3. Press ▲/▼ buttons on the remote control or CH +/- buttons on the front panel to select the item you want to adjust.
- 4. Press OK button on the remote control and press  $\triangle/\nabla \blacktriangleleft/\triangleright$  buttons to change the status.
- 5. Press MENU button to go to the previous menu. Sub windows info:

Sound Mode	Press " OK " button to enter Sound Mode, then press ▲/▼
	buttons to select : Standard, Music, Movie, Sports, Personal.
Treble	Press " OK " button to enter Treble, then press ◀/▶ buttons to
	adjust the high frequency content of audio output.
Bass	Press " OK " button to enter Bass, then press ◀/▶ buttons to
	adjust the low frequency content of audio output.
Balance	Press " OK " button to enter Balance, then press ◀/▶ buttons
	to adjust the audio output between left and right speakers.
Auto Volume	Press " OK " button to adjust audio to the best volume auto-
	matically.
SPDIF Mode	Press " OK " button to adjust SPDIF mode: PCM, Auto, Off.

# Time Adjustment



- 1. Press MENU button on the front panel or MENU button on the remote control to display the main menu.
- 2. Press 
  /▶ buttons on the remote control or VOL +/- buttons on the front panel to select the Function Setting menu, then press OK or ▼ buttons for the submenu.
- 3. Press ▲/▼ buttons on the remote control or CH +/- buttons on the front panel to select the item you want to adjust.
- 4. Press OK button on the remote control and press  $\triangle/\nabla \blacktriangleleft/\triangleright$  buttons to change the status.
- 5. Press MENU button to go to the previous menu. Sub windows info:

Sleep Timer	Press "OK " button to enter Sleep Timer, then press ▲/▼
	buttons to set sleep timer : off, 10min, 20min, 30min, 60min,
	90min,120min, 180min, 240min.
Auto Standby	Press " OK " button to enter Auto Standby, then press ▲/▼ but-
	tons to set auto standby : off, 3H, 4H, 5H.
OSD Timer	Press " OK " button to enter OSD Timer, then press ▲/▼ but-
	tons to set OSD timer : 5s, 10s, 15s, 20s, 25s, 30s.

# Lock Adjustment



- 1. Press MENU button on the front panel or MENU button on the remote control to display the main menu.
- 2. Press **◄/▶** buttons on the remote control or VOL +/- buttons on the front panel to select the Function Setting menu, then press OK or **▼** buttons for the submenu.
- 3. Press ▲/▼ buttons on the remote control or CH +/- buttons on the front panel to select the item you want to adjust.
- 4. Press OK button on the remote control and press  $\triangle/\nabla \blacktriangleleft/\triangleright$  buttons to change the status.
- 5. Press MENU button to go to the previous menu. Sub windows info:

Lock System	Press " OK " button and press default password "0000" to enter
	Lock System.
Set Password	Press " OK " button to enter, then you can reset new password.
Block Program	Press " OK " button to enter Block Program, then press ▲/▼
	buttons to select the channel you want to lock,then press the
	green button to lock channel.
Key Lock	Press " OK " button to select turn on or turn off Key Lock.

# Setup Adjustment



- 1. Press MENU button on the front panel or MENU button on the remote control to display the main menu.
- 2. Press 
  /▶ buttons on the remote control or VOL +/- buttons on the front panel to select the Function Setting menu, then press OK or ▼ buttons for the submenu.
- 3. Press ▲/▼ buttons on the remote control or CH +/- buttons on the front panel to select the item you want to adjust.
- 4. Press OK button on the remote control and press  $\triangle/\nabla \blacktriangleleft/\triangleright$  buttons to change the status.
- 5. Press MENU button to go to the previous menu. Sub windows info:

OSD Language	Press " OK " button to enter OSD Language, then press ▲/▼
	d/▶ buttons to select OSD Language.
TT Language	Press " OK " button to enter TT Language, then press ▲/▼ but-
	tons to select TT Language.
Aspect Ratio	Press " OK " button to enter Aspect Ratio, then press ▲/▼ but-
	tons to select different ratios: auto, 4:3, 16:9, zoom1, zoom2.
Blue Screen	Press " OK " button to select off or on.
First Time Installation	Press " OK " button to set relevant options including OSD language, country and tuning.
Reset	Reset to default setting.
Software Update	Using the USB device to update software.
(USB)	

<sup>\* (</sup>only available in TV mode)

# Media OPERATION



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

- 1. Press  $\bigvee$  /  $\blacktriangle$  button to select Media in the Source menu, then press OK button to enter.
- 2. Press ✓ / ▶ button to select the option you want to adjust in the main menu,then press OK button to enter.

#### Sub windows info:

РНОТО	Press ◀/▶ button to select PHOTO in the main menu, then press OK button to enter. Select the file you want to watch. Press menu button to return back to the previous menu and Exit button to quit.
MUSIC	Press <a> button to select MUSIC in the main menu, then press OK button to enter. Select the file you want to watch. Press menu button to return back to the previous menu and Exit button to quit.</a>
MOVIE	Press ◀/▶ button to select MOVIE in the main menu, then press OK button to enter. Select the file you want to watch. Press menu button to return back to the previous menu and Exit button to quit.
TEXT	Press ◀/▶ button to select TEXT in the main menu, then press OK button to enter. Select the file you want to watch. Press menu button to return back to the previous menu and Exit button to quit.

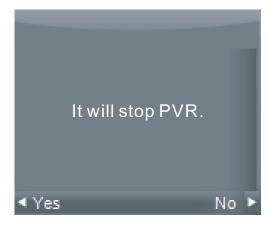
# **RECORD**

Note: You should insert the mobile disc or USB before you start to record.



Press the REC button on your remote control.

- Press Play button to record the current program.
   Press Stop to stop recording.
- 2. Press Stop button to stop recording, the it will return to normal broadcast television.
- 3. When the storage space of Disk is shortage. Tt will produce a warning message, then it stops recording automatically and return to normal broadcast television.
- 4.Press index button to see the information of the recorded list . Press Info button to see the detail of the program.



### **DVD** Functions

#### **Information Funtions**

#### **Information Display**

An On Screen Display (OSD) indicator will be displayed at the upper part TV screenwhen certain functions are executed, or when pressing the OSD button on the remote control.

The OSD indicator is a user friendly interface designed to display the status of playback type. When a different disc is loaded (DVD, CD, Music ready); the OSD indicator bar will be different.

#### **Support formats**

DVD support DVD / CD-DA / JPEG formats.

#### **DVD Player Functions**

#### Close/Open

To open and close the disc tray. Press EJECT button on the remote.

#### **Plav**

Press Play button to play the disc.

#### **Pause**

Press Pause button to pause (still picture). Press Play button to continue the playback of the content.

#### Stop

Press Stop button to stop.

#### **Next Chapter, Track or File**

Press this button skip advance DVD chapter or CD track.

Press this button skip backward DVD chapter or CD track.

#### Repeat section A-B

To repeat playback a specific section of a disc.

#### Rep

Press REP button repeatedly to select the repeat mode.

#### **DVD Menu**

While playing a DVD, press the D.MENU button return to the DVD disc menu.

#### litle

While playing a DVD, press the TITLE button return to the DVD disc title menu.

#### **Audio Track**

While playback a DVD disc, press AUDIO button repeatedly to select the desired audio sound track.

#### Angle

While playback a DVD disc, press ANGLE button repeatedly to select the desired camera angle.

#### Zoom

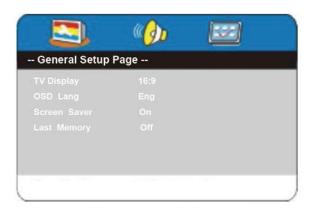
Press the ZOOM button to select TV Screen display.

#### **Subtitle**

While play a DVD disc, press SUB button repeatedly to select the desired subtitle.

# **DVD Menu**

### **Customizing the GENERAL SETUP Settings**



### Press D.SETUP button to enter setup menu

- 1.Use the Left and Right buttons select GENERAL SETUP option.
- 2.Use the Up and Down buttons to highlight an individual GENERAL SETUP option.

TV Display	Cycles among TV Type modes: 4:3 pan scan,4:3 letter box,16:9.
OSD Ling	You can choose the OSD Language.
Sreen Saver	This function is used to turn the screen saver On or Off.
Last Memory	You can choose On or Off.

# **DVD Menu**

### **Customizing the AUDIO SETUP Settings**



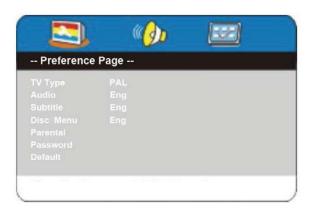
### Press D.SETUP button to enter setup menu

- 1.Use the Left and Right buttons select AUDIO SETUP option.
- 2.Use the Up and Down buttons to highlight an individual AUDIO SETUP option.

Speaker Setup	You can choose the Downmix between LT/RT and Stereo
Dual Mono	Cycles among Dual Mono modes: Stereo,L-Mono,R-Mono, Mix-Mono.
Dynamic	To optimize the dynamic sound output high volume outputs are softened, enabling you to watch your favourite movie without disturbing others.

# **DVD** Menu

### **Customizing the PREFERENCE SETUP Settings**



### Press D.SETUP button to enter setup menu

- 1.Use the Left and Right buttons select PREFERENCE SETUP option.
- 2.Use the Up and Down buttons to highlight an individual PREFERENCE SETUP option.

TV Type	There are NTSC / PAL / Multi three modes, and choose one mode according your TV mode.		
Audio	You can choose the Audio lang.		
Subtitle	You can choose the Subtitle lang.		
Disc Menu	You can choose the Disc Menu lang.		
Parental	You can choose the rating on the screen.		
Password	Move the cursor the Password item and press OK button to confirm and then input the secret code "0 0 0 0" (if it is the first use).		
Default	Setting the 'Default ' function will reset all options and your personal settings to the factory defaults and all your personal settings will be erased.		

# Specifications

-			
Display		I/O ports	
Active screen size	32 inches	HDMI input	3
Aspect ratio	16:9	PC input	1
Aspect fatto	10.9	PC audio input	1
Response time	7ms	YPbPr input	1
Resolution	1366*768	AV input	1
		RF input	1
Contrast	5000:1	USB input	1
Brightness	250	SPDIF input	1
Viewing angle	176/176(H/V)		
		Other	
TV Functions		User manual	$\sqrt{}$
Tuner	1	Dimensions (W*H*D)	779mm×545mm×205mm
Number of channel Standards	100 B/G, D/K		
Color system	PAL, SECAM	Packing size (W*H*D)	891mm×628mm×162mm
AV	TAL, SECAW	Gross weight	11 5V ~
Progressive scan	$\sqrt{}$	Gross weight	11.5Kg
3:2/2:2 pull down	√ √	Power consumption	32" 90w
Noise reduction	√ √	Tower companies	52 50.11
Audio			
Speaker	32" 8w × 8w		
Audio mute	$\checkmark$		
Function			
Zoom mode	Auto, 4:3, 14:9, Zoom1, Zoom2	2	
Picture mode	Dynamic, Standard, Mild Personal	,	
OSD languages	English, French, Deutsch, Italia	n,Spanish,Portuguese	
Return	√ ·		
Sound mode	Standard, Music, Movie	,	
	Sports, Personal	•	
Audio setting	$\sqrt{}$		
Auto off	$\sqrt{}$		
Sleep timer	$\sqrt{}$		

<sup>\*</sup> All specifications are subject to change without notice

# **Troubleshooting**

### No power

- Make sure the TV and the power cord are connected correctly.
- Check if you pressed POWER on the remote control unit. If the indicator in the front panel is red, press POWER in the remote control or the front control panel.

### LED TV does not operate

 External influences such as lightning or static electricity may cause improper operation. In this case, operate the unit after first turning on the power, or un plugging the AC cord and plugging it in again after 1 to 2 minutes.

### Power is cut off suddenly

- Check if the off timer or sleep timer are set.
- The unit's internal temperature has increased. Remove any objects blocking the vents and clean them to remove dust.

### Remote control unit does not operate

- Check if the batteries are inserted with the polarity (+,-) correctly aligned.
- Check if the batteries are discharged. Please replace with new batteries.
- Make sure that you do not use the remote control under strong or fluorescent lighting.
- Check if there is a fluorescent light illuminated near the remote control sensor.
- The path of the remote control beam may be blocked; please make sure the path is clear and that remote control is aimed at the remote control sensor in the TV.

#### Picture is cut off /with side bar screen

- · Check if the image position is correct.
- Check if the screen mode adjustments such as picture size are made correctly.

### Strange color, light color, or color misalignment

- Is the room too bright? The picture may look dark in a room that is too bright.
- Check the input signal setting.



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