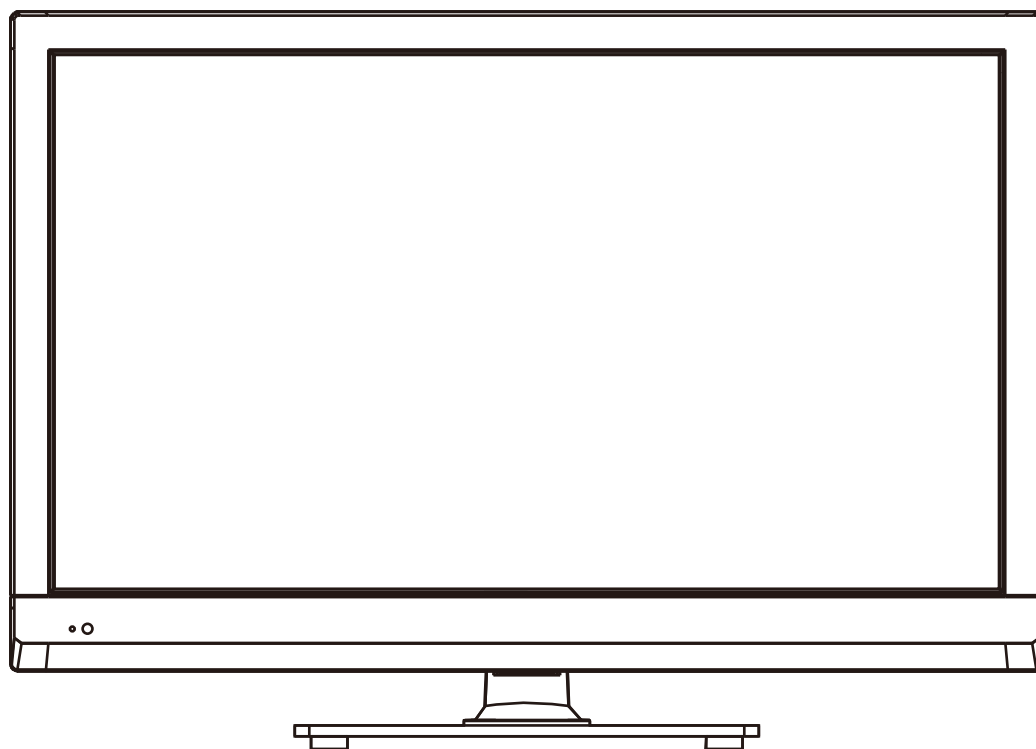


TEAC

LE23A86FHD
LED TV



USER MANUAL

IMPORTANT !

WARRANTY INFORMATION INSIDE. PLEASE READ

Please read the owner's manual carefully and ensure that you have followed the correct installation and operating procedures.

1. Please read this warranty card.
2. Keep your purchase receipt to enable you to proceed quickly in the event of a Warranty Service.
3. If you require Warranty Service, please contact the TEAC Customer Support Hotline at 1300 553 315 for assistance. Please ensure that you have the model number, serial number and purchase receipt ready when you call.

Please complete the section below and keep this information for your own records.

Owner's Name

Owner's Address

Postcode

Model Name/No.

Serial No.

Dealer's Name

Dealer's Address

Postcode

Authorised Service Centres in Major Australian Cities

NSW

151 Arthur Street
Homebush West, NSW 2140

Queensland

Unit 1, 320 Curtin Ave West
Eagle Farm, QLD 4009

Western Australia

Unit 2, 50 Pilbara Street
Welshpool, WA 6106

South Australia

11 McInnes Street
Ridleyton, SA 5008

Victoria

282 Normanby Road
South Melbourne, VIC 3205

Thank you for selecting a TEAC product.

If you should require assistance with your product regarding its setup or operation, or if any difficulties arise, please call us directly for advice between Monday to Friday at 8:30AM – 6PM AEST at the

TEAC Customer Support Hotline

1300 553 315

teacservicesupport@awa.com.au

www.teac.com.au

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

Warranty Terms & Conditions

1. TEAC warrants that this product is free from defects in material and workmanship under normal domestic use with reasonable care and skill. Maintenance and cleaning (i.e. laser head) is not covered by this warranty. The TEAC warranty only applies to TEAC products purchased, used and serviced in Australia.
2. The benefits to the consumer given by this Warranty are in addition to other rights and remedies of the consumer under a law in relation to goods or services to which the warranty relates, being the Australian Consumer Law.
3. Refund or replacement via your retailer is available for a period of 14 days after purchase for goods that have been inspected and determined to have a major failure. Refund and exchange is not applicable for change of mind.
4. Subject to the terms herein, this warranty effectively covers the equipment as specified in the Warranty Periods Table below from the date of purchase.

TEAC PRODUCT	WARRANTY PERIOD
LED/LCD TV 32" (80 cm) and above	1 Year (In-Home Service/ Pick up Available)*
All other TEAC products	1 Year (Carry-in Service)

5. In Home Service/Pick up* Service

This service will only be provided as part of this warranty if all the following conditions are met;

- a) The product is indicated in the Warranty Period Table.
- b) The product is within the warranty period.
- c) The product is located within the normal service area of the local TEAC Authorised Service Centre.

If TEAC determines that the product is not repairable on site, TEAC can complete the repair by taking the product to a TEAC Authorised Service Centre.

Carry-in Service

Where In-Home service/Pick up* is not available, the purchaser is required to send the product to the nearest TEAC Authorised Service Centre for repair. In this event, proof of purchase is required to support a warranty claim. After the repair, the product will be available for collection by or return to the purchaser at a fee upon request. TEAC in-home service can be made available at a fee upon request.

6. A 12-month replacement warranty is applicable to all Accessories such as Remote, Power Adaptors and Cables.
7. TEAC will ensure to the best of its abilities that all required parts are made available for any required service/repair.
8. TEAC Australia Pty Ltd and its Authorised Service Centres will use their best endeavours to complete product repairs within a reasonable period based on available resources and workload during the time when service is requested and performed.
9. Refurbished parts may be used to repair the product. In the case of a replacement, the product may be replaced, with a refurbished unit of the same type or, if one is unavailable, a similar refurbished model with equal or better features & specifications.
10. Please be advised that if the product presented for repair is capable of retaining user-generated data, the data may be lost during servicing. Customers are strongly encouraged to back up all important information/data before sending the product in for service/repair.
11. Service will be provided only during normal business hours and under safety conditions and circumstances. TEAC and its authorised service agents can refuse any repair if safety, in relation to OH&S, becomes a concern to its staff or authorised service agents' personnel.
12. The warranty is void and warranty claims may be refused, subject to the Australian Consumer Law, if:
 - a) The product was not transported, installed, operated or maintained according to manufacturer instruction, or
 - b) The product was abused, damaged, tampered, altered or repaired by any unauthorised persons, or
 - c) Product failure is due to accidents during use, installation or transit, power surges, use of defective or incompatible external devices, exposure to abnormal conditions such as excessive temperatures or humidity, or entry of liquids, objects or creatures into the product.
13. No one is authorised to assume any liability on behalf of TEAC or impose any obligation on it, in connection with the sale of any equipment other than as stated in this warranty and outlined above.
14. TEAC reserves the right to inspect and verify whether the product is exhibiting a major failure as claimed by customers/retailers.
15. LED dead pixel policy, please contact TEAC Customer Support Hotline on 1300 553 315 for assistance.

Contents

Safety Precautions

Power Supply.....	1
Installation.....	2
Use and Maintenance.....	3
Important Safety Instructions	4-5

User Guidance Information

Fixing the Stand	6
Wall Mounting Information	7
Accessories/Names of Each Part (Front View)	8
Names of Each Part(Back View)	9
Remote Control	10-11

Basic Operation

Basic Operation	12-13
-----------------------	-------

OSD Menu

1. PICTURE Menu	14
2. SOUND Menu	15
3. CHANNEL Menu	16-17
4. Feature Menu	18-19
5. Setup Menu	20

Multimedia Operation

Multimedia Operation	21-23
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Recording Operation

Recording Operation	24-26
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Maintenance and Service

Troubleshooting	27
Specifications	28-29

Power Supply

Warnings

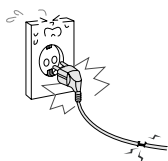
DO NOT touch the power plug with wet hands.

- Doing so may result in electric shock.



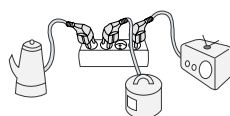
DO NOT use a damaged power cord or plug or a loose outlet.

- Doing so may result in fire or electric shock.



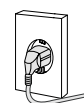
DO NOT plug several devices into the same outlet.

- A congested outlet may cause the outlet to overheat and start a fire.



Insert the power plug fully into the outlet.

- A loose or improperly inserted power plug may result in fire.



DO NOT bend the power cord excessively or place heavy objects on it.

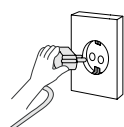
- Doing so may result in fire or electric shock.



Cautions

When disconnecting the power cord from an AC outlet, always grasp it by the plug.

- Pulling on the cord can damage the internal wire and may result in a fire.



Always unplug the unit before cleaning.

- Not doing so may result in fire or electric shock.



The purpose of these precautions is to ensure user safety and prevent property damage.

Be sure to read and observe all safety precautions.

It is the responsibility of the user to make sure all precautions and warnings are heeded and followed.



Installation

Warnings

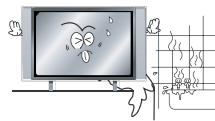
DO NOT place containers with liquids such as vases, drink cans, bottles or small metallic objects on top of the unit.

- If liquid enters the unit or any metal object falls into the unit, it may result in a short circuit, fire, or electric shock.



DO NOT place the unit where it is exposed to rain, excessive moisture or grease.

- Doing so may result in fire, electric shock, malfunction, or deformation.



DO NOT use or store flammable or combustible materials near the unit.

- Doing so may result in fire or explosion.



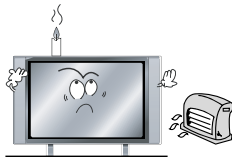
DO NOT place the unit on an unstable surface, such as a sloped table, or any stand with a contact area smaller than the bottom surface of the unit stand.

- Placing the unit on a flat stable surface can prevent accidents from happening. Ignoring this precaution may result in the unit toppling over and causing injury.



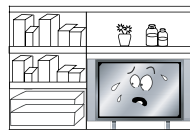
DO NOT place a burning candle, burning incense, or lighted cigarette on top of the unit. DO NOT place the unit near any heat source such as a fireplace or space heater.

- Doing so poses a serious risk of overheating and a possible fire outbreak.



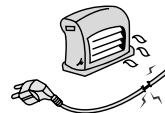
DO NOT place the unit in a poorly ventilated enclosure, such as a cabinet.

- Doing so poses a serious risk of overheating and a possible fire outbreak.



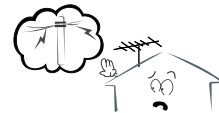
DO NOT run power cords near heat-producing appliances such as radiators, stoves, or irons.

- The excessive heat can melt the insulation and expose live wires, resulting in fire or electric shock.



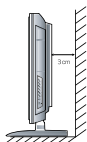
Install the antenna away from high-voltage power lines and communication cables. Make sure it is installed securely.

- If the antenna touches a power line, contact with the antenna may result in fire, electric shock, or serious injury.



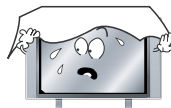
Cautions

Install the unit at an adequate distance from the wall to ensure sufficient ventilation. Insufficient ventilation may result in the unit overheating, which may cause a possible fire outbreak.



Do not cover the unit with a tablecloth, curtain, or other material.

- Insufficient ventilation may result in the unit overheating, which may cause a possible fire outbreak.



Be sure to place the unit on a level surface.



- The following precautions are divided into "Warnings" and "Cautions".

- ⚠ Disconnect this device from power by turning the power off at the AC power outlet and unplugging the AC plug.
- ⚠ Warning : Ignoring this precaution may result in death or serious injury.
- ⚠ Caution : Ignoring this precaution may result in injury or property damage.

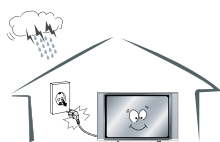
Use and Maintenance

Although the LED screen is made with high-precision technology and 99.99% or more of the pixels are effective, black dots may appear or bright points of light (red, blue, or green) may appear constantly on the LED screen. This is a property of the LED screen and is not a malfunction.

Warnings

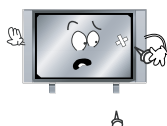
Disconnect the power cord from the power source during a thunderstorm.

- Not doing so may result in fire or electric shock.



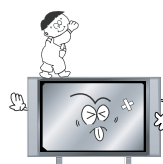
DO NOT insert any metal objects, such as a screwdriver, paper clip, or a bent wire into the ventilation openings or A/V terminals.

- Doing so poses a serious risk of fire or electric shock.



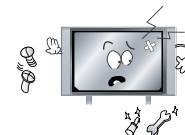
DO NOT allow children to climb onto the unit.

- The unit could topple over onto a child and result in serious injury.



DO NOT dismantle or modify the unit in any way. Do not attempt to service the unit yourself.

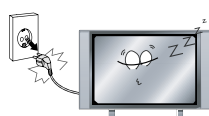
- Doing so may result in fire or electric shock. If the unit requires repair, contact the service center.



Cautions

When not using the unit for long periods of time, disconnect the power cord from the wall outlet.

- If not cleaned, clogged dust particles at ventilation holes could cause the unit to heat up, and ignite when switched on, which may result in a fire outbreak.



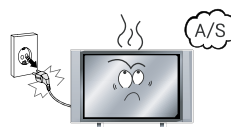
When moving the unit, be sure to turn off the unit and unplug the power cord from the wall outlet.

- Moving the unit with the power cord connected to the outlet may cause damage to the cord, resulting in fire or electric shock.



If you notice any unusual odors or smoke around the unit, immediately disconnect the unit from the outlet and contact the service center.

- Failure to do so may result in fire or electric shock.



Warnings

When removing the batteries from the remote control, make sure children do not swallow them. Keep the batteries out of the reach of infants and children.

- If a child has swallowed a battery, seek medical attention immediately.



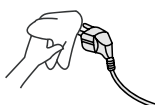
Always have two or more people at hand to lift or move the unit.

- If the unit is dropped, it could get damaged or otherwise cause injury.



Wipe off any moisture, dirt, or dust on the power plug pins with a clean, dry cloth.

- Failure to do so may result in fire or electric shock.



Always turn off the unit and unplug the power cord when cleaning the unit. Use a soft dry cloth to clean the unit.

- Never clean with industrial strength polish, wax, benzene, paint thinner, air freshener, lubricant, detergent, or other such chemicals. Also, do not clean with a damp cloth.



Do not display still images and partially still images on the LED panel for more than 2 hours as it can cause screen image retention. This image retention is also known as "screen burn". To avoid such image retention, reduce the degree of brightness and contrast of the screen when displaying a still image. Watching the LED TV in 4:3 format for a long period of time may leave traces of borders displayed on the left, right and centre of the screen caused by the difference of light emission on the screen. Playing a DVD or a game console may cause a similar effect to the screen. Damages caused by the above effect are not covered by the Warranty. Displaying still images from Video games and PC for longer than a certain period of time may produce partial after-images. To prevent this effect, reduce the 'brightness' and 'contrast' when displaying still images.

Important Safety Instructions

Warnings and Precautions

To prevent any injuries, the following safety precautions should be observed in the installation, use, servicing and maintenance of this equipment.

Before operating this equipment, please read this manual completely, and keep it nearby for future reference.

- 1) Read these instructions.
- 2) Keep these instructions.
- 3) Heed all warnings.
- 4) Follow all instructions.
- 5) Clean only with a dry cloth.
- 6) Do not block any of the ventilation openings. Install in accordance with the manufacturer's instructions.
- 7) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 8) Do not defeat the safety purpose of the polarized or grounding type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. When the provided plug does not fit into your outlet, consult an electrician for replacement of the power socket.
- 9) Do not bend the power cord excessively. Prevent the cord from being walked on or pinched by weights placed on it.
- 10) Only use the attachments/accessories specified by the manufacturer.
- 11) Use only with a cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus.



Important Safety Instructions

- 12) Unplug this apparatus during lightning storms or when unused for long periods of time.
- 13) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way.



This symbol indicates that dangerous voltage instituting a risk of electric shock is present within this unit.



This symbol indicates that there are important operation and maintenance instructions in the literature accompanying the appliance.

NOTE:

- a) To prevent damage which may result in fire or hazards, the unit should not be exposed to rain or liquids.
- b) Do not place objects containing liquids, such as vases on the unit. If drinks or liquids have been spilled on the unit, unplug the unit from the power source and refer to TEAC service personnel for assistance.
- c) Servicing of this unit should be conducted by qualified and certified TEAC service personnel.
- d) The manufacturer will not be held responsible for any damage caused by any modifications done on the product without authorisation from the manufacturer's authorised service agent.

Fixing the stand

1. TV and stand parts

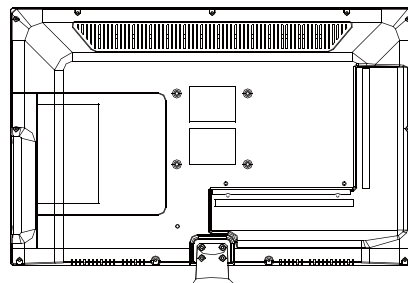
First of all, please check that you have all of the parts and that there is no visible damage. If a part is missing or appears damaged, please contact the TEAC Customer Service Hotline at 1300 553 315.



Stand



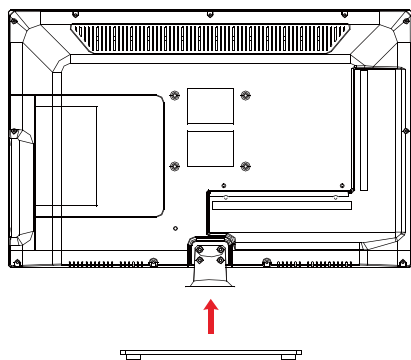
Screws(supplied)
3 x \varnothing 16/ST4 x 6F



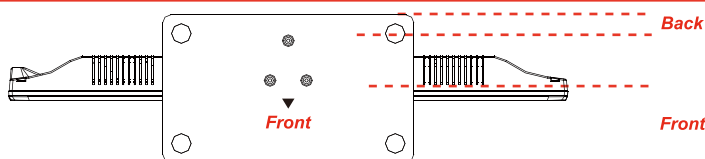
TV set

2. How to install the Stand?

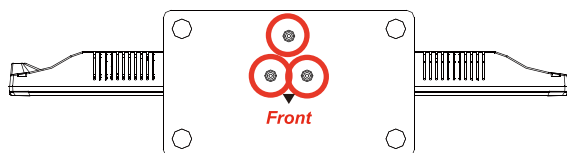
Place the TV face down on a soft and flat surface (blanket, foam, cloth, etc.) to prevent any damage to the TV.
Put the Stand to the neck of the TV set as shown below.



1. Before you put on the stand, please make sure the direction is correct as shown below.
 2. When you are putting on the stand, please make sure the neck of the TV set is in the correct position and attached tightly.
- If you do not attach the stand correctly, it will make the TV unstable and may tip over.



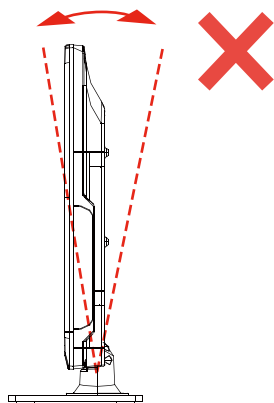
Attach the stand with the supplied screws.



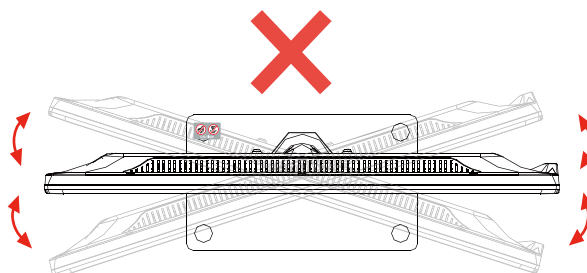
When attaching the stand, make sure the screws are attached tightly.
If the screws do not attach tightly, it will lead the TV to be unstable or may even tip over.

3. Warnings.

a. It can not be tilted to the front or back as shown below. Doing so may damage the stand.



b. It can not be tilted to the right or left as shown below. Doing so may damage the stand.



Wall Mounting Information

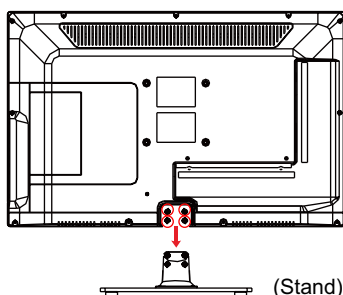
Wall Mounting (optional)

Your LED TV is able to accommodate wall mounting with the use of a wall mount bracket (not supplied, please contact your local hardware store) and the mounting hole screw size (M4X10mm) on the back of the unit. If the TV stand is already installed, remove it prior to wall mounting. Please refer to the figures and procedure below.

Removing the stand

NOTE: Make sure the power is completely disconnected and unplugged before starting.

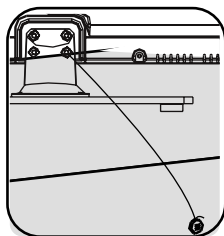
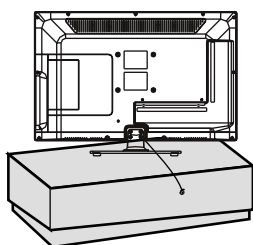
1. Place the unit (face down) on a soft surface.
2. Loosen and remove the screws securing the stand to the TV.
3. Gently remove the stand.
4. To reinstall the stand, place the unit (face down) on a soft surface and reverse the above instructions.



Fall prevention (NOTE: Important safety measure)

To prevent the TV from tilting forward and falling over to cause damage or injury, please secure the TV to your table or wall using screws or eyebolts and strong cord (not provided). An example on fixing the TV to a table is shown below:

1. Install a wood screw or eyebolt into the table that is supporting the TV.
2. Fix a machine screw into a screw hole near the base in the back of the TV.
3. Tie the wood screw or eyebolt to the machine screw with a strong cord.

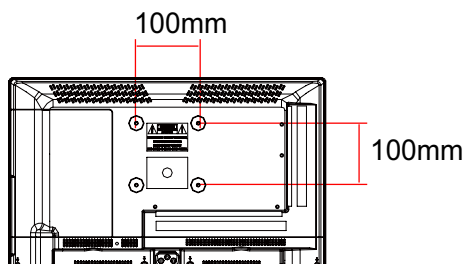


Alternatively, secure the TV to the wall directly behind it by fixing eyebolts to the wall and tying them to screws fixed on the centre of the TV back panel.

How to mount the LED TV on the wall

1. After detaching the stand, fasten 4 mounting screws (thread size M4X10mm - NOT SUPPLIED. Please contact your local hardware store) into the 4 screw holes on the rear cover, see the figure below.
2. Fasten the wall mounting bracket (NOT SUPPLIED, please contact your local hardware store) with screws to the wall.
3. Carefully check for the strength of the connection before releasing the LED TV.

NOTE : For more detailed instructions please refer to your "after market" wall mounting instruction book.



◇ Thread hole size – M4 x 10 mm depth (TV mounting screw size) on the TV.

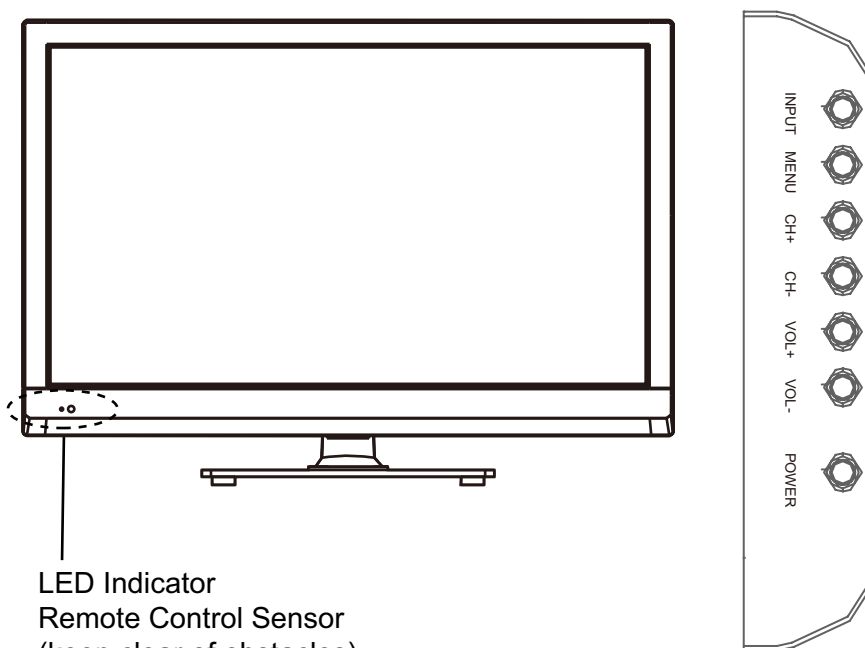
Accessories



* Accessories included may look different from the illustrations shown.

Names of each part

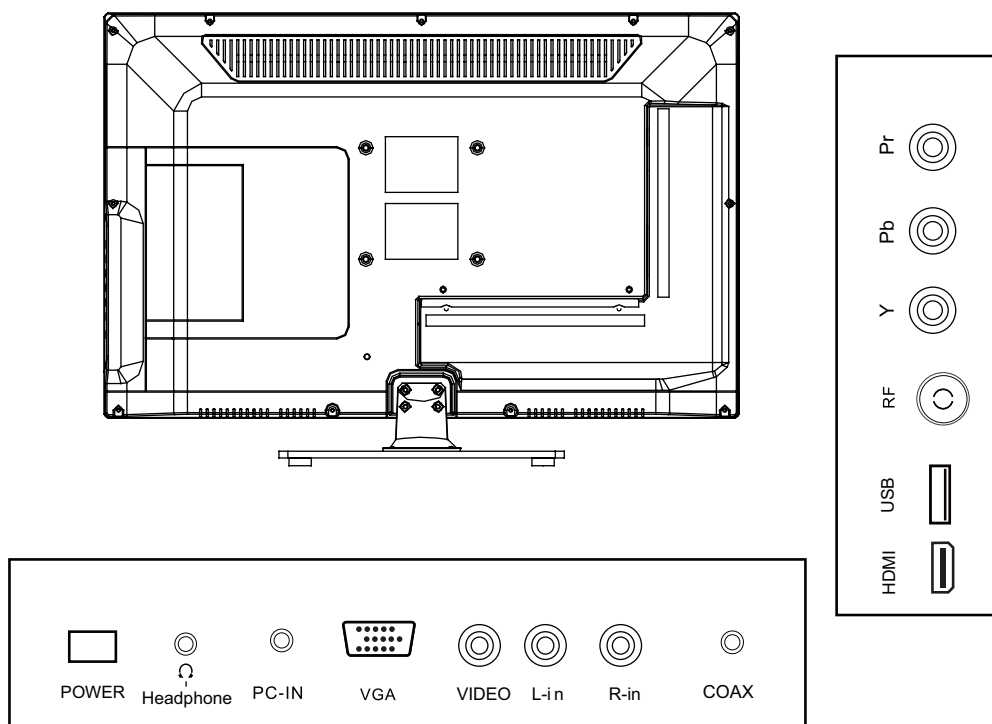
Front View



INPUT: Display the input source menu.
 MENU: Display/exit the OSD menu.
 CH+/-: Scan through channels.
 VOL+/-: Adjust the volume.
 POWER: Turn on/standby the TV set.

Names of each part

Back View



POWER: Connect to the power adaptor.

Headphone: Connect to your headphones or other audio equipment.

PC-IN: Connect to the audio output terminal on the PC.

VGA: For PC video input. Connect to the VGA/RGB plug on the PC.

VIDEO: Connect to video output terminal of external devices.

L/R in: Connect to the audio output terminal of external devices.(shared with YPbPr)

COAX: Digital output to AV receiver.

HDMI : Connect to the HDMI output of external devices like DVD players with a HDMI cable.

USB: Connect USB storage devices/hard disk drives .

RF: Connect an antenna or a 75 Ohm coaxial cable to receive a TV signal.

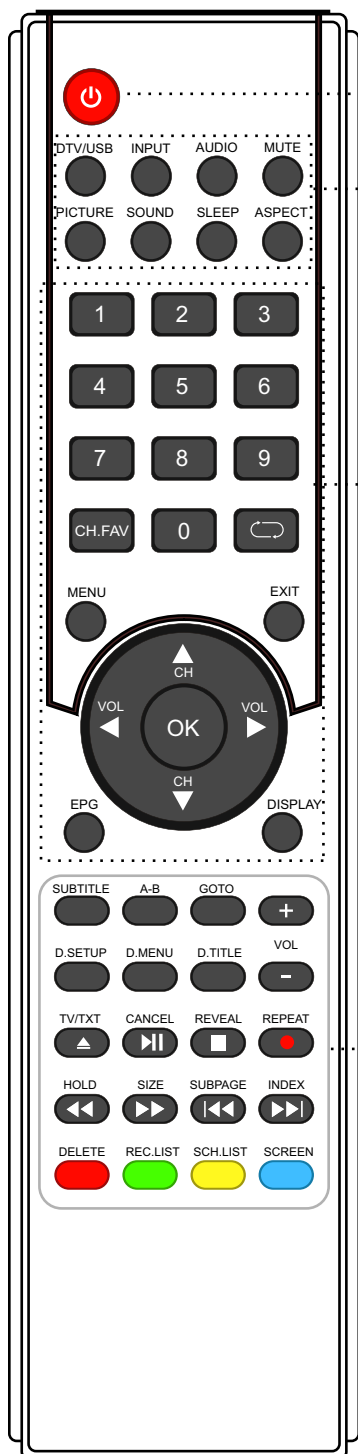
YPbPr: Connect to the YPbPr video output sockets of external devices.

NOTE: Before making or changing cable connections, please make sure that power to the unit is completely disconnected by switching off the power supply and unplugging the power cable from the wall outlet.

Remote Control

● Functions of remote control buttons

The remote control is using Infra-Red (IR). Point it towards the front of the TV. The remote control may not work correctly if it is operated out of range or out of angle.



⏻ (POWER): Turn the TV on/back to Standby mode.

DTV/USB: Switch to DTV/USB.

INPUT: Display the input source menu.

AUDIO : Select different audio languages, subject to availability from broadcaster.

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

PICTURE: Press repeatedly to cycle through the available video picture modes.

SOUND: Press to cycle through the different sound settings.

SLEEP: Repeatedly press to scroll to preferred off time.

ASPECT: Adjust picture size.

NUMBER BUTTONS: Choose and view a channel directly by keying in the specific channel number.

↶: Return to the previous channel viewed.

CH.FAV: Displays Channel List, and the Favourite Program List.

MENU: Press to display the OSD menu.

EXIT: Press to exit the OSD menu.

CURSOR KEYS (▲/▼/◀/▶/OK)

Allows you to navigate through the on-screen menus and adjust the system settings to your preference.

CH ▲/▼ : Channel/Program +/- .

VOL ◀/▶ : Volume +/-.

EPG: To show the Electronic Program Guide.

DISPLAY: Press to display the current mode's information.

SUBTITLE / A-B / GOTO / D.SETUP / D.MENU / D.TITLE: No function.

VOL +/-: Volume +/-.

REPEAT: Repeat playing the title or chapter.

DELETE: Delete recorded programs from the Record List.

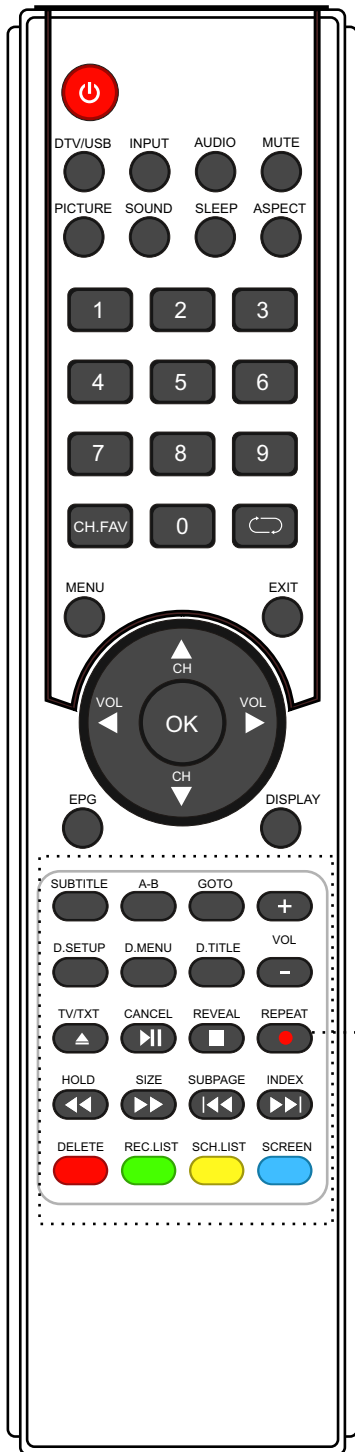
REC.LIST: Display Recorded List.

SCREEN: 1- While playing music, press this button to turn off the LED TV screen.

2- While in HDMI input, press this button to change between Video and PC mode.

3- While in VGA (PC) input, press to auto-align screen.

Remote Control



Buttons for USB operation:

● (REC): Press to start recording the program in DTV mode.

▲ : No function.

■ : Stop program.

◀◀ : Previous chapter.

▶▶ : Next chapter.

▶|| : Play/Pause program.

◀◀ : Fast reverse.

▶▶ : Fast forward.

Buttons for TELETEXT operating

Teletext is an information system broadcasted by certain channels which can be consulted for news, weather forecasts, puzzles, etc, and also offers subtitles for viewers with hearing problems or who are not familiar with the transmitted language. Subject to availability.

TV/TXT: Turn off/on the Teletext display.

CANCEL: Cancel the Teletext display.

REVEAL: Reveal any hidden text.

HOLD: Hold or carry on the current subpage.

SIZE: Press to see top half of page double size, Press again to see the bottom half of page double size. Press again for normal size.

SUBPAGE: Press to subpage, again to cancel.

INDEX: Go to index.

SCH. LIST: Display the programs list.

Colour buttons: Short cuts-follow the coloured links in the text.

Basic Operation

The following section conveys the unit’s general operation, such as switching the unit on, selecting the input source, and using the automated channel search command.

Switching the unit on

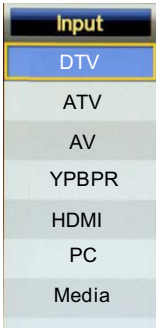
- 1. Connect the television unit to the antenna wall socket using a coax television cable plug.
- 2. Using the provided power adaptor, connect the television unit to an available power source.
- 3. Press the ⏻ POWER button on the remote control or on the television panel.
- 4. The On Screen Display (OSD) should appear.

Selecting an input source

The unit incorporates multiple input sources which can be selected via the INPUT button on the television panel or remote control. The following steps explain the procedures involved.

- 1. Press the INPUT button to enter the Input menu. The screen will display the Input Source menu.
- 2. Use the CH+/- button on the TV set or ^ / v direction buttons to select the desired input source.
- 3. Press OK to enter the selected source.

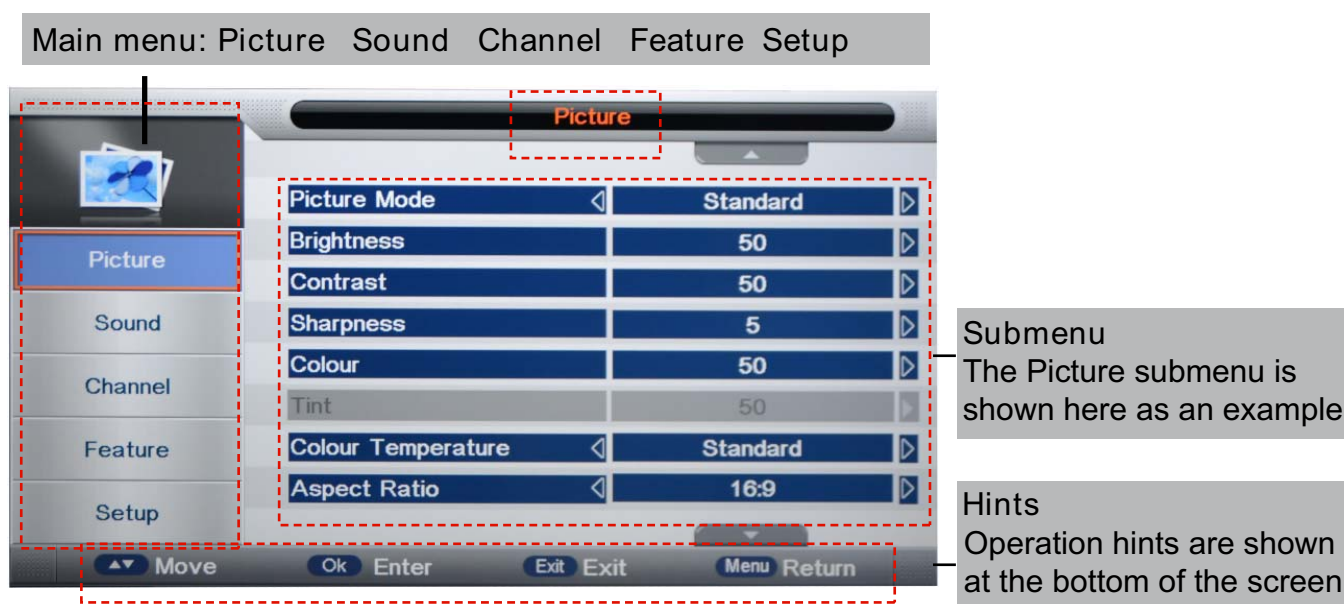
NOTE: *Please make sure the corresponding device is connected before selecting the input source.*



Basic Operation

Using the On Screen Display Menu

The On Screen Display (OSD) menu acts as the Main Menu and aids the user in browsing through the different options/properties available on the television unit. Press the MENU button on the remote control to access the OSD menu as shown below:



Use the ∇ / \wedge direction buttons to make a selection from the main menu (PICTURE, SOUND, FEATURE, CHANNEL, SETUP). Press the \triangleright button to enter the submenu system.

Once in the submenu, use ∇ / \wedge buttons to select an item. Press the OK button to access the selected item to make changes to the settings.

To return to the main menu, press the MENU button.

To exit the menu display, press the EXIT button.

NOTE:

- Some menu items can only be activated when the relevant INPUT selection has been made (ie. the CHANNEL selection can only be accessed under DTV and ATV input modes).
- Operate the OSD menu according to the hints provided at the bottom of the screen.

OSD Menu

1. Picture menu



Description

Picture Mode: Select your desired picture mode. (Dynamic, Standard, Mild, User)

Brightness: Adjust image brightness.

Contrast: Adjust image contrast.

Sharpness: Adjust image sharpness (not available in VGA/PC mode).

Colour: Adjust image colour saturation.

Tint: Control the tint (available in NTSC mode only).

Colour Temperature: Select a preferred color temperature mode. (Standard, Cool, Warm)

Aspect Ratio: Change the picture's aspect ratio. (Auto, 4:3, 16:9, Zoom1, Zoom2, Cinema, Just Scan)

Noise Reduction: If the broadcast signal received is weak, you can select the Noise Reduction option to reduce the video noise level. (Off, Low, Middle, High).

Backlight: Adjust the backlight.

OSD Menu

2. Sound menu



Description

Sound Mode: Select your desired sound mode. (Standard, Movie, Music, Speech, User)

Bass: Adjust the level of the lower pitched tones.

Treble: Adjust the level of the higher pitched tones.

Balance: Adjust the audio output between left and right speakers.

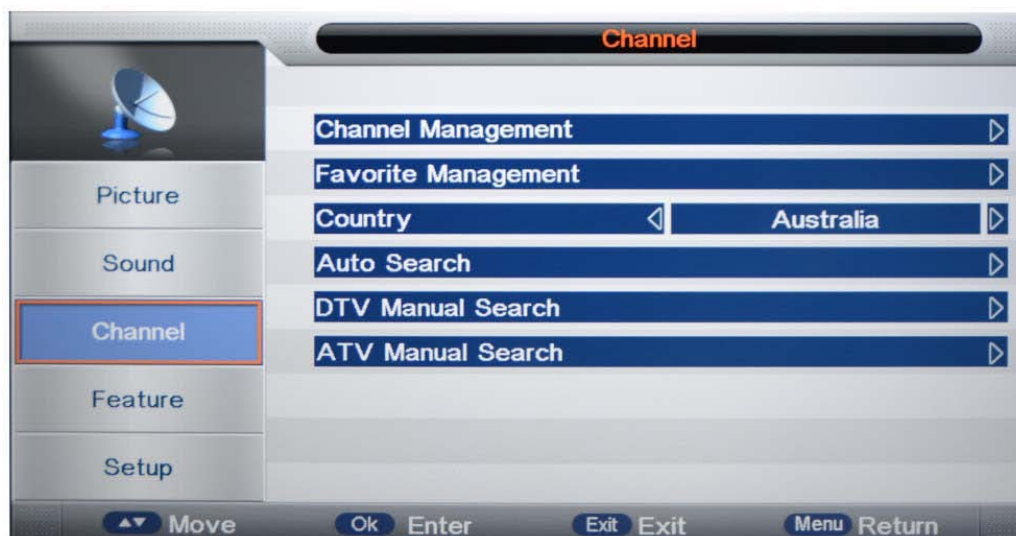
Surround: Turn on/off the surround sound function.

Auto Volume Level (AVL): Turn this function on to auto-adjust volume levels from different input sources.

SPDIF: Select the SPDIF mode for the TV. (Off, PCM, Auto)

OSD Menu

3. Channel menu (In ATV/DTV mode)



Description

Channel Management: Enter the Channel management menu to edit the channels.



DELETE: Press the RED button to mark the channels you want to delete. You will be prompted to confirm when you exit this menu.

LOCK: (Reminder - To activate channel locks, "Lock Enable" must be set to "ON" from the FEATURE submenu.) Press the GREEN button to toggle channels to be locked. While locks are enabled, these channels will require a 4-digit password (default: 0000) for viewing access.

SKIP: Press the YELLOW button to toggle channels to be skipped when flipping through channels using the CH+/- buttons. (These channels will still be listed in the EPG.)

SWAP: Press the BLUE button to mark the channel to be moved. Press the \wedge/\vee buttons to move it to its new location in the list. Press the OK button to confirm the move.

Favourite Management: Add or remove favourite channels to up to 4 Favourite lists using the colour buttons. Available Favourite lists can be accessed with the CH.FAV button while watching DTV.



OSD Menu

Country : Select the country.

NOTE: If Channel Locks has been enabled (Feature>Lock submenus), first enter the current password (default: 0000) to enter the Auto and Manual Search menus.

Auto Search

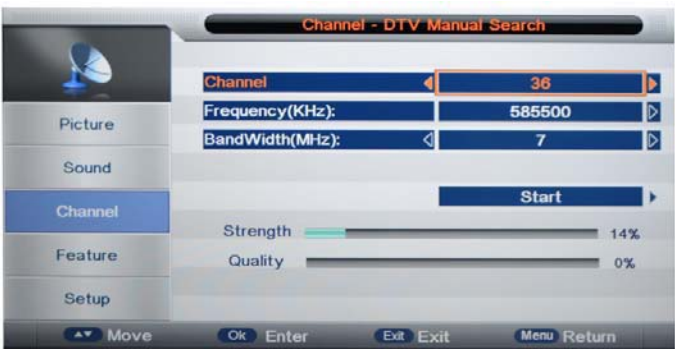
Select the desired search mode, and then press the OK button to start Auto Channel Search.



- Note:
- 1. ALL: Auto search channels for DTV, ATV and radio.
DTV: Auto search channels for DTV and radio.
ATV: Auto search channels for ATV.
 - 2. During the auto tune process, you can press the MENU button to stop auto tuning and return to the previous menu.

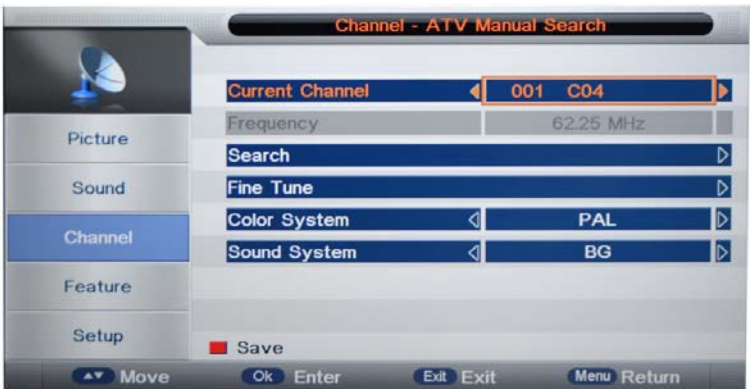
DTV Manual Search

Press ^ / v buttons to select the “Channel” field, and the < / > buttons to select the channel. Select the Start button and press the OK button to start Manual Channel Search.



DVB-T

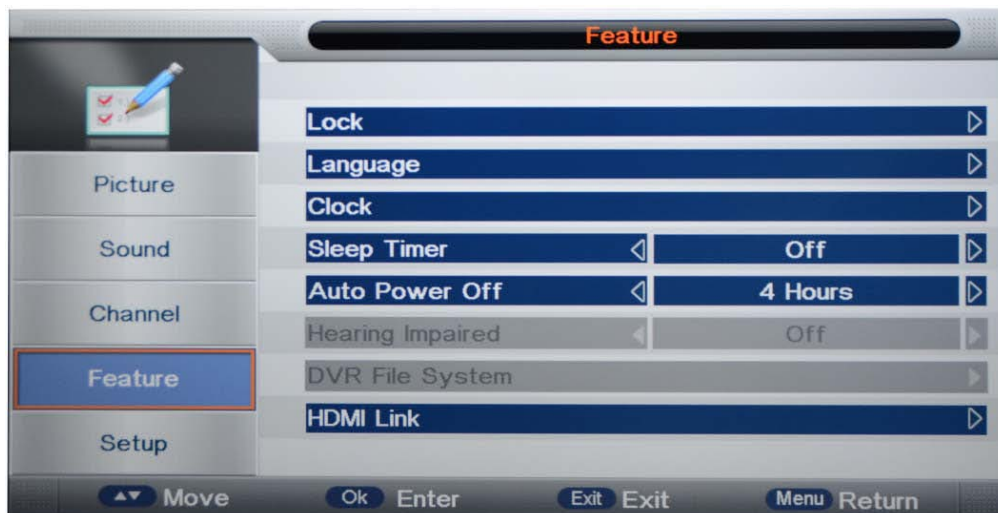
ATV Manual Search



- Current Channel: Select the channel for manual searching.
- Search: Press the OK button to enter the search menu, and set the frequency with the < / > buttons.
- Fine Tune: Press the OK button to enter the Fine Tune menu, and adjust the frequency with the < / > buttons.
- Color/Sound System: Select the Color/Sound system for the program.

OSD Menu

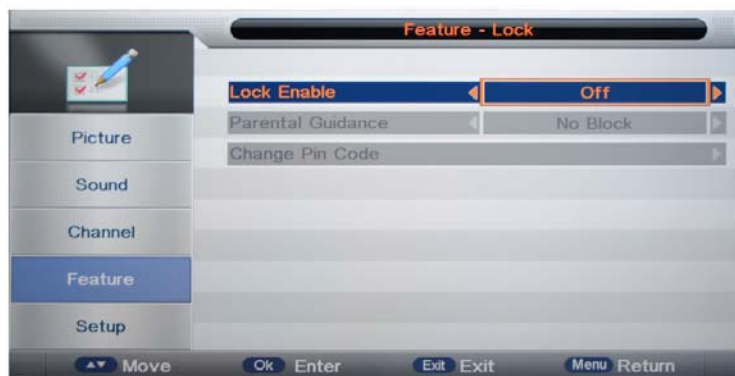
4. Feature menu



Description

Lock: This menu allows you to lock certain features of the television so that they can not be used or viewed. For example, setting a program rating lock for children, locking specific channels, and preventing unauthorised channel deletion or channel retuning.

Every time you enter the Lock menu you will be asked for a password. The default is 0000. You are recommended to change the password to your own and keep it in a safe place.



Lock Enable - Turn on/off the Lock function.

NOTE: When it is turned on, the Parental Guidance and Change Pin Code settings become active. Channel Lock/Delete (in Channel Management), Auto Search, DTV Manual Search, ATV Manual Search (in the Channel menu) will also require password access.

Parental Guidance - Adjust Parental Guidance settings or turn it off (No Block).

Change Pin Code – Press the OK button to start. First enter the current password, then enter the new password twice to confirm.

OSD Menu

Language: Choose a desired language for the OSD menus.

Clock: Adjust the clock (by default the time is synced automatically from the DTV signal)

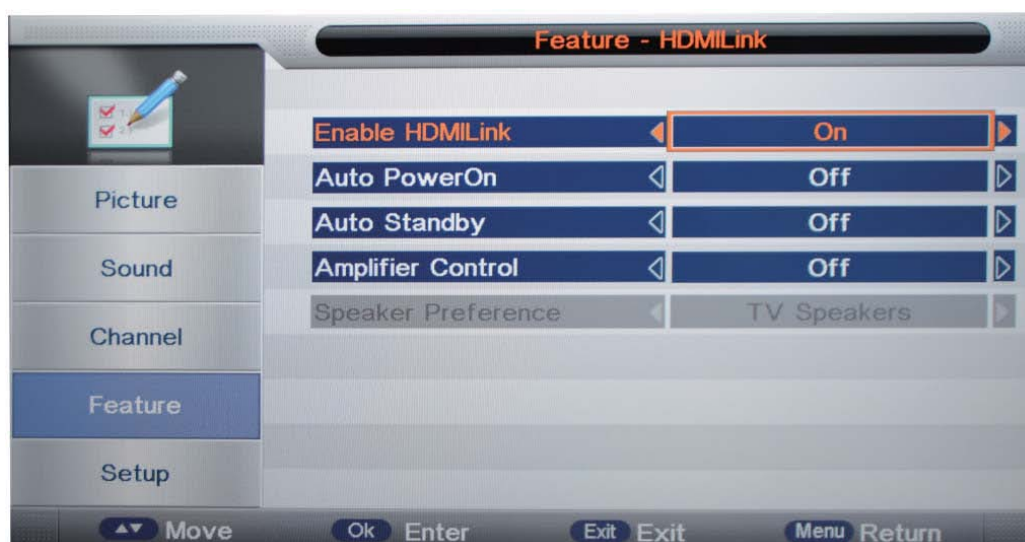
Sleep Timer: Set the sleep timer so the television automatically switches off after a set amount of time. Options range from 10 minutes to 240 minutes.

Auto Power Off: The TV will switch itself off automatically if it has not been issued any new actions for a set amount of time. Choose from 1H, 2H, 4H or OFF.

Hearing Impaired: Switch on this feature to display additional on-screen information and subtitles. (Subject to content from broadcaster.)

DVR File System: [See page 24-26.](#)

HDMI Link: Compatible devices connected by HDMI may be able to receive commands through the HDMI Link. Make use of this feature for the convenience of operating the connected device directly using the TV. (ONLY available in HDMI Input Mode.)



Enable HDMI Link: Turn on/off the HDMI Link function.

Auto PowerOn: Enable both the TV and a compatible HDMI device to turn on together.

Auto Standby: Enable both the TV and a compatible HDMI device to Standby together.

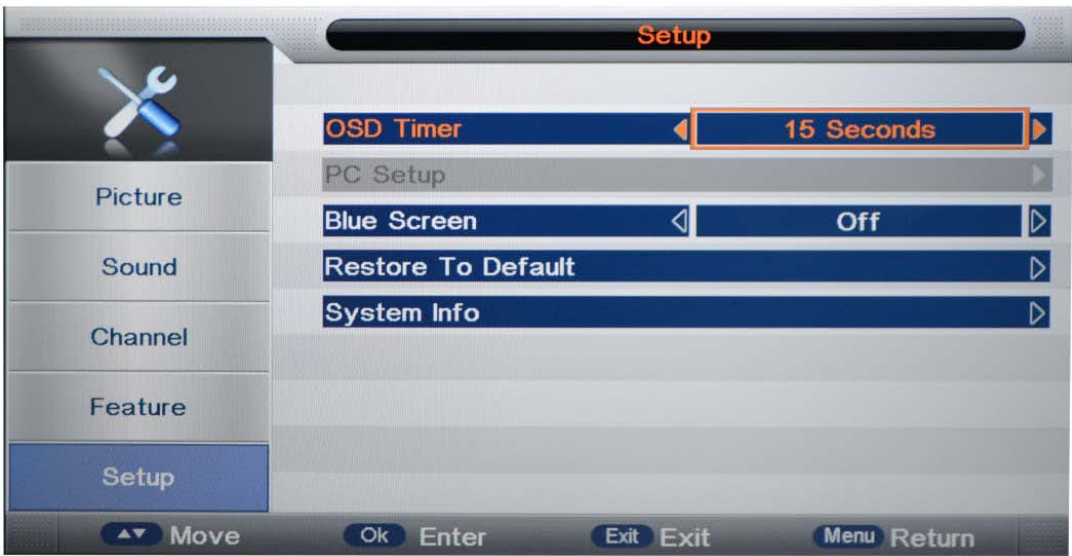
Amplifier Control: Turn on/off Amplifier Control function.

NOTE: Speaker settings can only be adjusted when Amplifier Control is turned on.

Speaker Preference: Select preferred speakers from TV Speakers and Amplifier.

OSD Menu

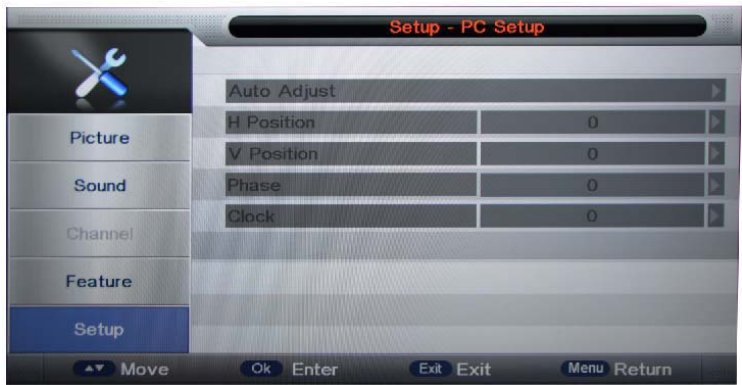
5. SETUP menu



Description

OSD Timer: Lets you adjust the amount of time the On Screen Menu stays on the screen before disappearing.

PC Setup: Change the PC Settings in PC mode.



Auto Adjust: Adjust the parameter of the screen automatically.

H/V-Position: Adjust the horizontal/vertical position of the screen.

Phase: Adjust the phase of the ADC sampling clock relative to the sync signal, until a stable image is obtained.

Clock: Adjust the pixel clock frequency, until the image size is maximized for the screen.

Blue Screen: Changes the background colour when there is no input between clear and a blue background (Not available in some input modes like ATV).

Restore To Default: This clears all the TV settings for the television. Password input required.

System Info: Display the TV system information and customer support information.

Multimedia Operation

Basic Operation

1). Press the INPUT button on the remote control to display the input source menu, select Media source with the \wedge/\vee buttons, and press the OK button to enter the Multimedia menu as shown below.

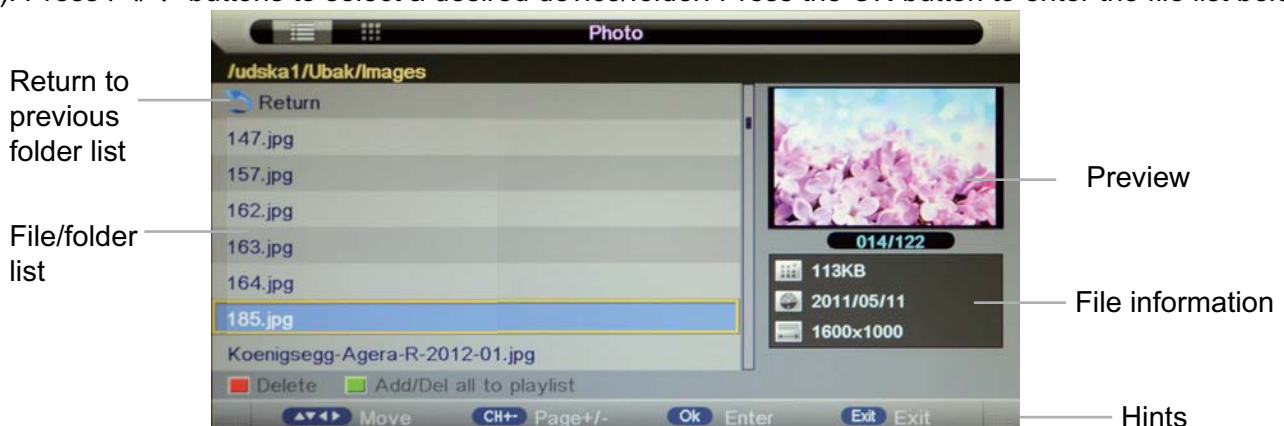


2). Insert a USB memory device such as a thumb drive. Depending on what you wish to play, choose the corresponding Media Mode (Photo, Music, Movie, eBook). The directory of your USB device will be shown.



Operation hints

3). Press \wedge/\vee buttons to select a desired device/folder. Press the OK button to enter the file list below.



Multimedia
Operation

Recording
Operation

Maintenance
and Service

Press \wedge/\vee buttons to move through the list. Press OK to select the file or enter the folder.
Press OK to add or remove a selected file to the playlist. Press the RED button to delete a selected file.
Press the GREEN button to add or remove all files to/from playlist.
Press \leftarrow to return to the previous folder. Press EXIT to choose the folder view (list or thumbnail view).
Press EXIT again to return to the Multimedia menu.
Press the \blacktriangleright PLAY button to start playback of all selected files. (See more on playback in the next pages.)
Press \blacksquare STOP to stop and exit full screen playback.

Multimedia Operation

1. Photo

Run a photo slideshow from USB.



Press the </> buttons to select the options on the toolbar, and OK to confirm.

NOTE: Press OK to display and use the control bar after it has disappeared.

▶/|| Play/Pause the photo playing.

■ Stop and exit the full screen slideshow.

◀▶ Play the previous or next file immediately.

↻ Rotate the picture (0, 90, 180, 270).

🔍 Zoom in/out on the picture. Move around in a zoomed-in picture using the direction buttons.

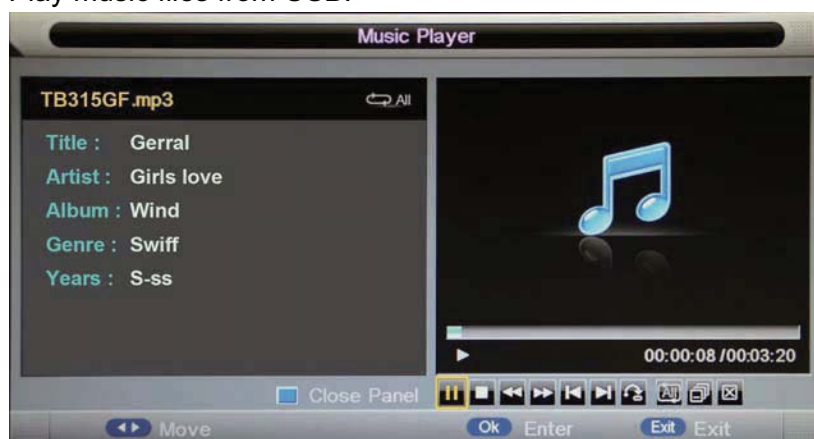
i Display information about the current file.

⚙ Display the photo setup menu to adjust Repeat Mode, Background Music, Slide Time, Effect.

☰ Display the playlist. (Press the MENU button to hide it again.)

2. Music

Play music files from USB.



Press the </> buttons to select the options on the toolbar, and OK to confirm.

▶/|| Play/Pause music playback.

■ Stop and exit music playback.

◀▶ Fast rewind or forward.

◀▶ Play the previous or next file directly.

🕒 Input the time in HH:MM:SS to start playing directly from the specified time point on the music track.

ALL Select to cycle through these playback modes: Repeat All, Shuffle, Repeat Folder, Repeat 1.

☑ Toggle the window display between "File Information" and "Playlist".

⊞ Select this (or press the BLUE button) to switch off the screen display. NOTE: This is NOT Standby. Turn the screen on with any button on the remote other than the POWER button.

Multimedia Operation

3. Movie

Play compatible movie files from USB.



Press the </> buttons to select the options on the toolbar, and OK to confirm.

NOTE: Press OK to display and use the control bar after it has disappeared.

▶/|| Play/Pause the movie.

■ Stop and exit the full screen playback.

◀◀ ▶▶ Fast rewind or forward.

⏮ Play the movie in slow mode.

⏭ Skip forward in small steps.

↺ Press once to set "Point A", a second time for "Point B". Playback will loop A-B until it is stopped.

⏮ ▶ Play the previous or next file immediately.

📋 Display the playlist.

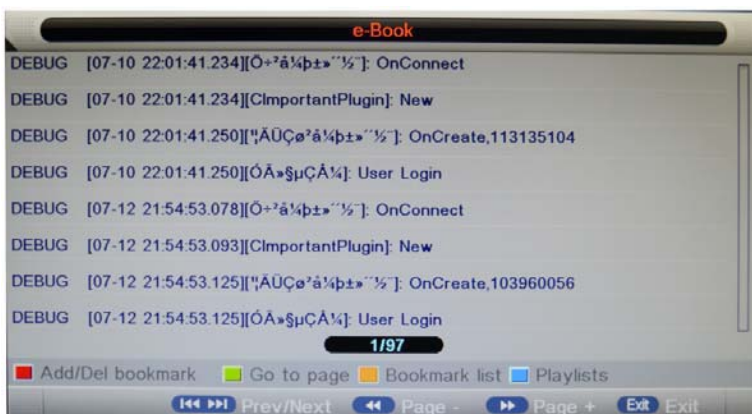
ℹ Display information about the current file.

⚙ Display the movie setup menu to adjust options for the Program, Subtitle, Audio, Repeat Mode.

🕒 Input HH:MM:SS to start playback from the specified time point in the movie track.

4. eBook

Display text files from USB.



◀◀ ▶▶ Turn to previous/next file.

◀◀ ▶▶ Turn to previous/next page of the text.

RED button: Add or delete a bookmark.

GREEN button: Go to the specified page.

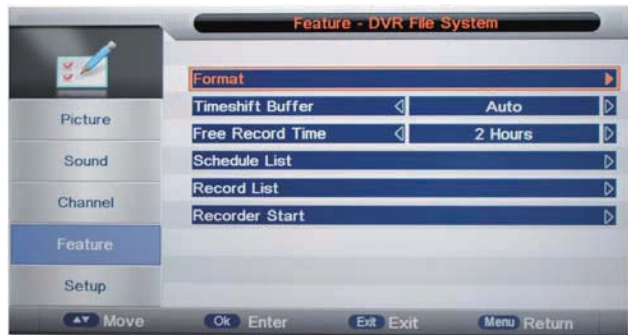
YELLOW button: Display the bookmark list.

BLUE button: Display the playlist.

Recording Operation

DVR settings

Press the MENU button, then select Feature > DVR File System. Press OK to enter the menu below.



Format



USB device information

Format: Press the RED button to format the selected USB device.

CAUTION: Formatting will wipe all data from the USB device. Please back up existing data before formatting. TEAC is not responsible for lost data.

USB flash drives, or an external hard disk using its own power supply is recommended for recording and playback.

The USB storage device will need to be formatted before being used for recording functions, to ensure that it is formatted in the FAT32 file system, and that there is sufficient storage space available for recording programs.

Timeshift Buffer

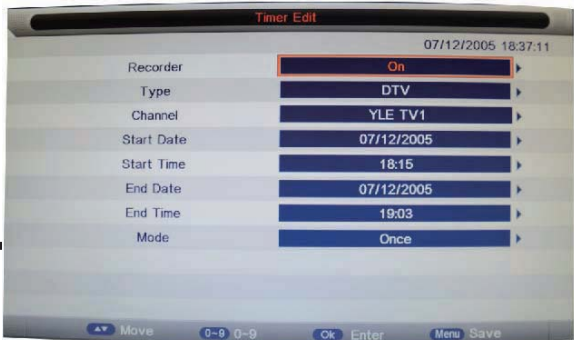
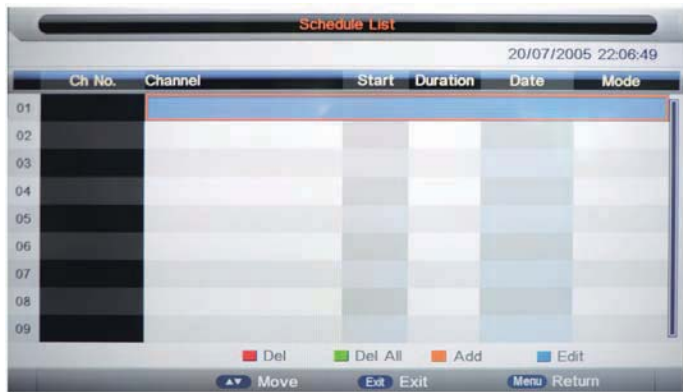
Set Timeshift Buffer mode: Auto, 30Mins, 1hr, 2hr.

Free Record Time

Select recording time limit from 1 hour to 4 hours.

Schedule List

Enter the Schedule List to setup and manage the timer recording schedule.



Press the YELLOW button to schedule a new recording. Follow the button hints on the screen.

Recording Operation

Recorder: Turn on/off recording. (If it is off, the scheduled item is set as a Reminder.)

Type: Select the type of content. (DTV, Radio)

Channel: Select the channel.

Start Date: Set the start date.

Start Time: Set the start time.

End Date: Set the end date.

End Time: Set the end time.

Mode: Select the repeat mode. (Once, Daily, Weekly, Monthly)

Record List

Display the Record List.



Record List		
0001	BBC ONE	2009/07/20 12:10:38-12:11:43
0002	M6HD	2009/06/19 14:42:18-14:42:44
0003	M6HD	2009/06/19 14:41:52-14:42:08
0004	BBC NEWS 24	2005/07/20 12:09:00-12:09:58

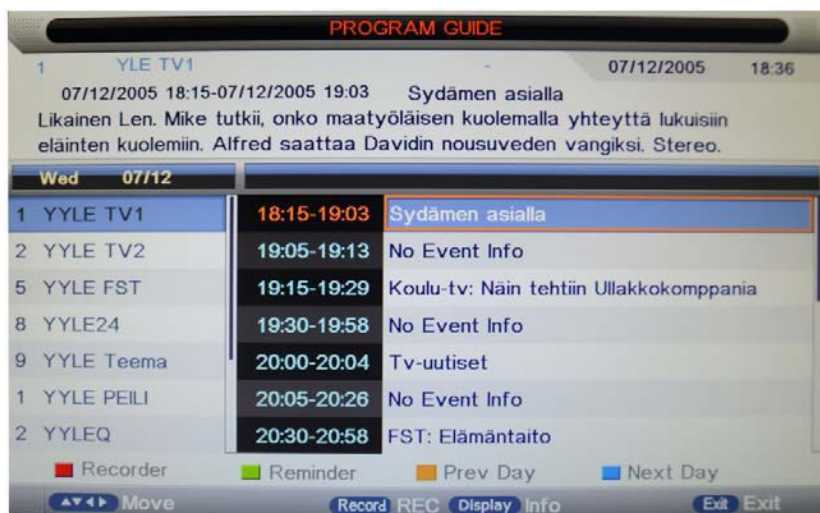
Delete: Press the RED button to delete the selected recording/reminder schedule.

Recorder Start

Press OK to start recording. Alternately, use the REC button on the remote control directly while watching DTV.

EPG, Timer Record and Reminders

Press EPG on the remote control to display the EPG menu. It may take a couple of seconds to load.



PROGRAM GUIDE			
1	YLE TV1	07/12/2005 18:15-07/12/2005 19:03	Sydämen asialla
Likainen Len. Mike tutkii, onko maatyöläisen kuolemalla yhteyttä lukuisiin eläinten kuolemiin. Alfred saattaa Davidin nousuveden vangiksi. Stereo.			
Wed 07/12			
1	YYLE TV1	18:15-19:03	Sydämen asialla
2	YYLE TV2	19:05-19:13	No Event Info
5	YYLE FST	19:15-19:29	Koulu-tv: Näin tehtiin Ullakkokomppania
8	YYLE24	19:30-19:58	No Event Info
9	YYLE Teema	20:00-20:04	Tv-uutiset
1	YYLE PEILI	20:05-20:26	No Event Info
2	YYLEQ	20:30-20:58	FST: Elämäntaito

EPG mode: Press the RED button to change the EPG display mode.

Daily mode: Displays information of the program schedule in daily mode.

Weekly mode: Displays the information of the program schedule in weekly mode.

Reminder: Press the GREEN button once to set a program reminder. When the reminder triggers at the set time, the TV will switch to the specified channel automatically.

Record: Press the RED button to quick-set a scheduled recording according to the program shown on the EPG. To manually edit the timer record before it is added to the recording schedule, press the REC button instead.

Previous/Next Day: Press YELLOW/BLUE buttons to display schedules up to 7 days in advance.

Recording Operation

Recording

Press REC on the remote control to start recording immediately in DTV mode.

NOTE:

- a. A compatible USB memory device must be connected to the TV.
- b. Ensure that the USB device has enough speed and data space.

Press the STOP button to exit the recording mode. You will be prompted to confirm.



Press the REC.LIST button to display the Recorder List to play a selected recording. You cannot play a recorded file while recording is still in progress. You can also view and play the recorded program in USB Multimedia input mode.

Time Shift

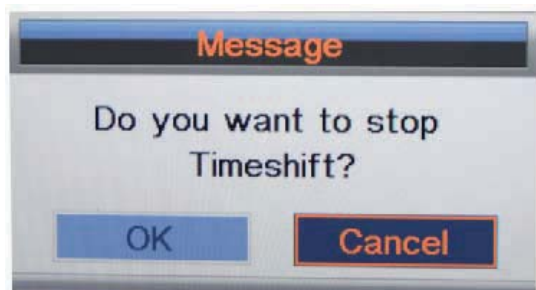
Press ►|| on the remote control to start Time Shift in DTV mode.

NOTE:

- a. A compatible USB memory device must be connected to the TV.
- b. Ensure that the USB device has enough speed and data space.

Press PLAY to resume watching the TV program. Meanwhile, Time Shift will continue recording. A Time Shift indicator in the corner shows the elapsed time between the current picture and the live broadcast.

Press the STOP button to exit Time Shift and return to watching live TV. You will be prompted to confirm.




NOTE: During recording, if the signal is lost, the recording process will pause until the signal is stable again.

Troubleshooting

- Do not use other functions that are not mentioned in this user manual.
- If a problem occurs with your LED TV, please take the following steps first.
- If you still have the problem, turn the power off and contact your dealer or an authorized service center.

Problem	Action
The picture does not appear.	Is the power plugged in? Insert the power plug. Press the power button on the remote control.
The picture appears too slowly after the power is turned on.	Like your computer, the TV has to run a number of diagnostic and software checks before it can display any broadcast channels. The picture should appear in approximately 15 seconds.
Screen is too bright or too dark.	Perform brightness adjustment or contrast adjustment.
Screen is too large or too small.	Adjust the aspect settings.
Stripes appear on the screen and it shakes.	Keep any appliances that emit magnetic radiation away from the TV
The screen does not move.	Press the PAUSE button. Check if the Pause button is pressed on external equipment.
Screen appears but there is no sound	<ol style="list-style-type: none"> 1. Check if the "MUTE" function has been activated 2. Increase the sound level by pressing volume adjustment button. 3. Check if sound terminal of external input is connected properly. 4. Check if audio cables are connected properly. 5. Select and check the other input. <p>If the sound still does not work and the other channels are the same after you have done as the above, contact your dealer or an authorized service center.</p>
Remote control does not work	<ol style="list-style-type: none"> 1. Check if main power is On. 2. Check that the batteries of the remote controller were loaded properly. 3. Check to see if any obstacle exists between the LED TV and the remote control, then remove it, if any. 4. If the batteries have no power, replace them with two new batteries.
Picture is distorted	<p>Compression of video contents may cause distortion especially on fast moving pictures such as sports and action movies.</p> <p>Low signal level can cause picture distortion. This is not a TV issue. Have the antenna assessed.</p>
USB not playing	<p>Please check if the USB is connected properly.</p> <p>Please make sure USB disk is compatible and the multimedia data formats are supported (see Specifications page).</p>

Specifications

LED Panel	Panel Size	23"
Max. Resolution		1920x1080
Input Connector	VIDEO	1
	YPbPr	1
	AUDIO (L/R)	1
	VGA	1
	PC/AUDIO	1
	HDMI	1 (The HDMI support 1.3, the HDCP support 1.1)
	RF	1
Output Connector	HEADPHONE	1
	COAX	1
Power Source		12V  3A
Power Consumption		36W
Standby Power Consumption		< 0.5W
TV receive system		PAL BG/DK/I SECAM BG/DK
Frequency range		48.25 - 863.25 MHz
Speaker output power		2×3W
Antenna impedance		75 ohm
USB file system		NTFS FAT32 (Maximum supported hard disk size: 400G)
Recommended USB standard		USB2.0
Supported Multimedia Player formats		See the table on next page
PC Input supported resolution		WUXGA (Maximum supported resolution: 1920X1080@ 60Hz)
Dimensions	(With stand) (Without stand)	570x150x406mm 570x45x364mm
Weight		4.27kg
Wall mounting dimensions		100x100mm
Wall mounting screw size		M4X10
Operating temperature range		0~40°C

- Specifications are subject to change without notice.
Weight and dimensions are approximate.

Specifications

Supported Formats:

MOVIE (AVI)	The max bitrate is 6Mbps. The max resolution is 720x576 pixels.
PHOTO	Mono colour, 16-colour, 256-colour, 16-bit, 24-bit, 32-bit. The max resolution is 3000x3000 pixels; min resolution is 100x100 pixels.
MUSIC	Sample rate: 8K – 48K, Bitrate: 32K-320K

Special note:

1. The Media Unit can only support USB memory devices, such as hard disk drives and flash drives, and will not support multimedia devices such as mobile phones and cameras for recording purposes.
2. Unit will only support hard disk drives with additional power supply, maximum disk partition size of 400GB and a maximum capacity of 1.5TB. For optimum performance, it is highly recommended that a hard disk drive with an external power supply be used for larger capacities.
3. The maximum number of files that each folder can contain is 5000 files.
4. When using external USB, it is suggested that high quality USB extension cables (supported 480mHz) be used to ensure smooth playing of video files.
5. The television unit can only support audio formats of single and binary channels.



TEAC CUSTOMER SUPPORT HOTLINE (TCS)

1300 553 315

Between Monday to Friday – AEST 8:30AM to 6PM