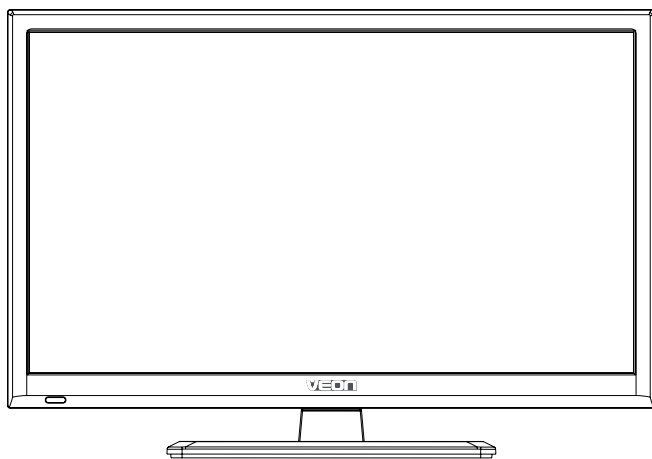




19"22"24" LED TELEVISION

MODEL: VN1912LED
VN2212LED
VN2412LED



Instruction Manual

Freeview Introduction

Freeview is New Zealand's free-to-air digital television and radio service bringing you your favourite programmes in digital quality for free. Free digital television is available around the world and Freeview is here to ensure all New Zealanders have the opportunity to experience it.

Freeview is the replacement for analogue TV. This LED TV is fitted with an internal Freeview system for your enjoyment.

For Freeview options refer to page 26 EPG - Electronic Program Guide

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Safety Information

Customer Support Line

For assistance during normal working hours (9am-5pm, Mon-Fri, New Zealand local time)

NZ call: **0800 883 301**

SYMBOLS

The graphic symbols used in this manual or on the back cover of the set mean the following:



Read this manual in full before use.



The lightning flash symbol is intended to alert the user to the enclosures that contain hazardous voltages.



The exclamation symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

Important Safety Instructions

When using any electrical apparatus always observe safety regulations and use basic safety precautions to reduce the risk of fire, electric shock and personal injury, including the following.

1. Read, Keep and Follow these instructions, heeding all Warnings.
2. Keep out of reach of young children. This apparatus is not suitable for use by young children or infirm persons without supervision. Young children must be supervised to ensure that they do not play with the apparatus.
3. WARNING. Do not insert any objects into any openings of an electrical apparatus.
4. WARNING. Do not touch any moving parts of any electrical apparatus.
5. WARNING! Where the mains plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable
6. WARNING. Do not use this apparatus near water. To avoid the risk of fire or electric shock, do not expose this apparatus to rain or moisture.
The apparatus shall not be exposed to dripping or splashes.
7. WARNING. No objects filled with liquid, such as vases, shall be placed on any electrical apparatus.

Important Safety Precautions

8. Do not immerse in any liquid whilst in use or in cleaning. Clean only with a damp cloth, dry with a dry towel. Do not use harsh abrasives as these may damage plastic parts.
9. DO NOT block any ventilation openings. Keep away from curtains, newspapers and restricted areas. Install in accordance with any specific manufacturer's instructions. Always allow a sufficient gap around the apparatus to avoid overheating.
10. DO NOT install near any heat sources such as radiators, gas heaters, stoves or other apparatus (including amplifiers) that produce heat. Do not leave in direct sunlight.
11. WARNING. Do not place any naked flame source, such as lighted candles on any electrical apparatus.
12. WARNING! Connect to a suitable 230-240V~ 50Hz power supply only. If a class 1 product it must be connected to a suitably earthed mains socket.
13. Always unplug from the power source when any electrical apparatus is not in use.
14. DO NOT abuse or damage a power cord. If any power cord is damaged, it must be replaced by the manufacturer, its service agent or a similarly qualified person in order to avoid a hazard. A replaceable cord must be replaced with an authorised replacement from an authorised service agent only.
15. Only use attachments/accessories specified by the manufacturer.
16. Unplug this apparatus during lightening storms or when unused for long periods of time.
17. Attention is drawn to the environmental aspects of disposing of any battery.
18. Refer all servicing to qualified personnel. Servicing is required when the apparatus has been damaged in any way, such as when the power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
19. Do not attempt to service any double insulated apparatus. Double insulated apparatus requires specialist servicing and knowledge to retain the safety of the apparatus.
20. WARNING. Do not use any electrical apparatus outdoors. If any electrical apparatus is to be used outdoors, use a suitable Isolating transformer or Electrical Safety Switch (RCD).
21. For household use only, this apparatus is not intended for commercial use.
22. If this apparatus is to be used by a third party, please supply these instructions with it.
23. No liability will be accepted for any personal injury or damage caused by failure to follow these instructions.

IMPORTANT INFORMATION – TELEVISION DISPLAY EQUIPMENT

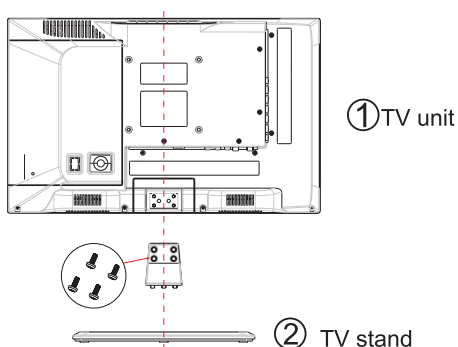
If a television is not positioned in a sufficiently stable location, it can be potentially hazardous due to falling. Many injuries, particularly to children, can be avoided by taking simple precautions such as:

- Using cabinets or stands recommended by the manufacturer of the television.
- Only using furniture that can safely support the television.
- Ensuring the television is not overhanging the edge of the supporting furniture.
- Not placing the television on tall furniture (for example, cupboards or book cases) without anchoring both the furniture and the television to a suitable support.
- Not standing the television on a cloth or other materials placed between the television and supporting furniture.
- Educating children about the dangers of climbing on furniture to reach the television or its controls.

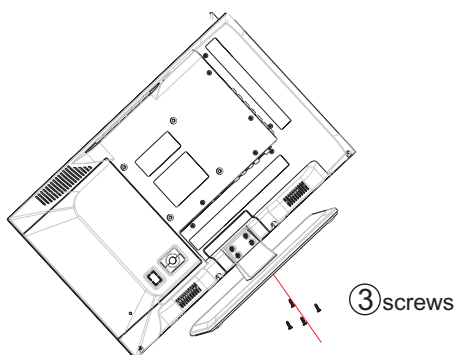
TV Base assembly

To Install the plastic base please carefully follow the follow assembly instruction. The plastic base comes with the purchase of your TV set. Install with Care

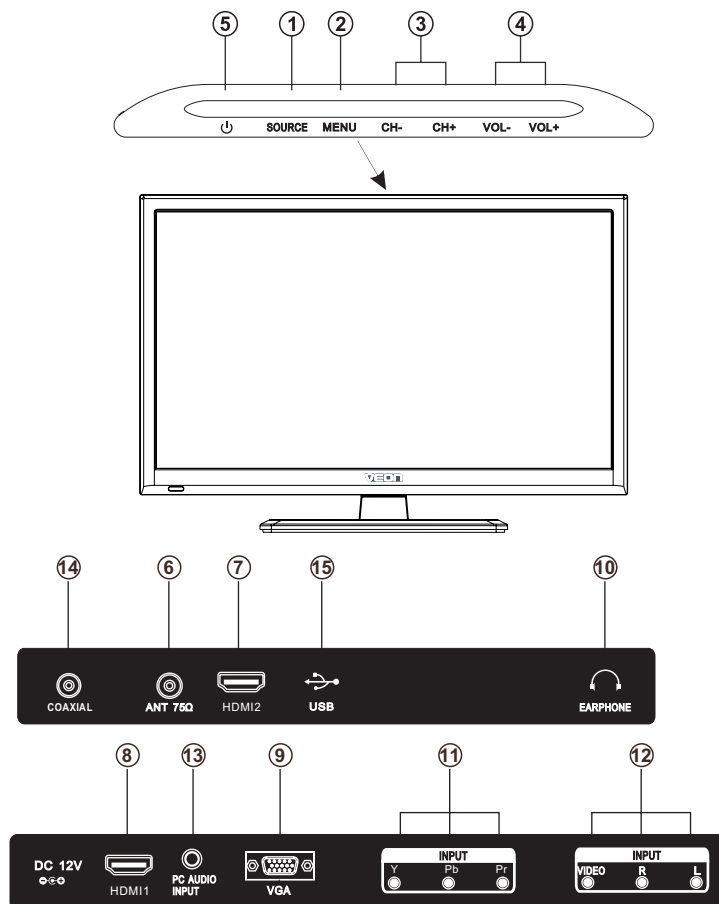
1. Carefully place the TV screen face down on top of a soft surface or protective cloth to avoid any damage occurring to the screen.
2. Please take the supplied stand and fix to the Television Set using the screws supplied. **DO NOT OVER TIGHTEN.**



3. Once the stand is secure and fixed to the Television Set, proceed to attaching the base. Please take the supplied base and fit onto the stand. Secure this base by fixing with the remaining screws.



Front/Back panel diagram

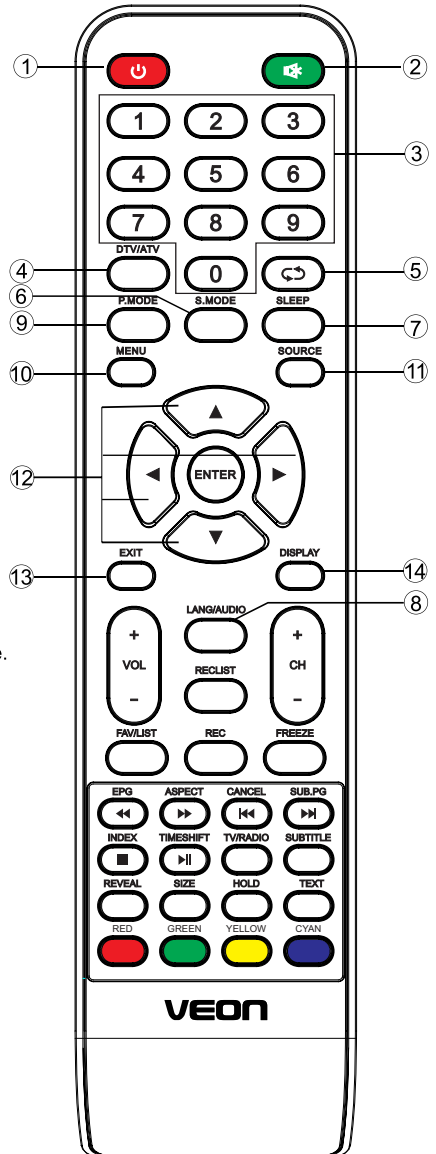


- 1.SOURCE Source select
- 2.MENU Into or exit from menu
Use CH+/- button select item,
VOL+/- button adjust item
- 3.CH+/- Select channel
- 4.VOL+/- Adjust Volume
5. Turn on/off TV .
- 6.ANT 75Ω.
- 7.HDMI 2 Input:Digital signal input
from HDMI video connector.
- 8.HDMI 1 Input.

- 9 .VGA Input.
10. EARPHONE Earphone output
- 11.Y Pb/Cb Pr/Cr:Color difference
components input and relevant video input .
- 12.AV Input:External AV signal input and
relevant right/left sound channel inputs.
- 13.PC AUDIO INPUT
- 14.COAXIAL Output.
- 15.USB Input.

Remote Control

1. **POWER** : Set your TV to power on or standby mode.
2. **MUTE** : Press to mute the sound. Press again or press VOL+ to unmute.
3. **0-9** : Press 0~9 to select a TV channel directly while watching TV. The channel will change after 2 seconds.
Applicable for entering page number in teletext mode and so on.
4. **DTV/ATV**: Switch between Analog and Digital TV
5. **↶** Return to the previous viewed program.
6. **S.MODE**: Press to cycle through the different sound settings
7. **SLEEP**: Select amount of time before TV turn itself off automatically.
8. **LANG/AUDIO**: Press to search NICAM mode or language option.
9. **P.MODE**: Press to cycle through the different picture settings
10. **MENU**: Allow you to navigate the on-screen menus.
11. **SOURCE**: Open the main menu ,press to list the sources
12. **▲▼◀▶ ENTER**: Allow you to navigate the on-screen menus and adjust the system settings to your preference.
13. **EXIT**: Exit from the menu or sub-menu and cancel the function in process (if applicable)
14. **DISPLAY**: Press to display the source and channel's info.



Battery Installation:

Remove the battery compartment lid on the rear of the remote control by sliding the lid down, then off. Put two AAA batteries inside the battery compartment with their + and - ends aligned as indicated. Do not mix old and new batteries or different types of batteries.

Slide the lid until you hear it click into place.

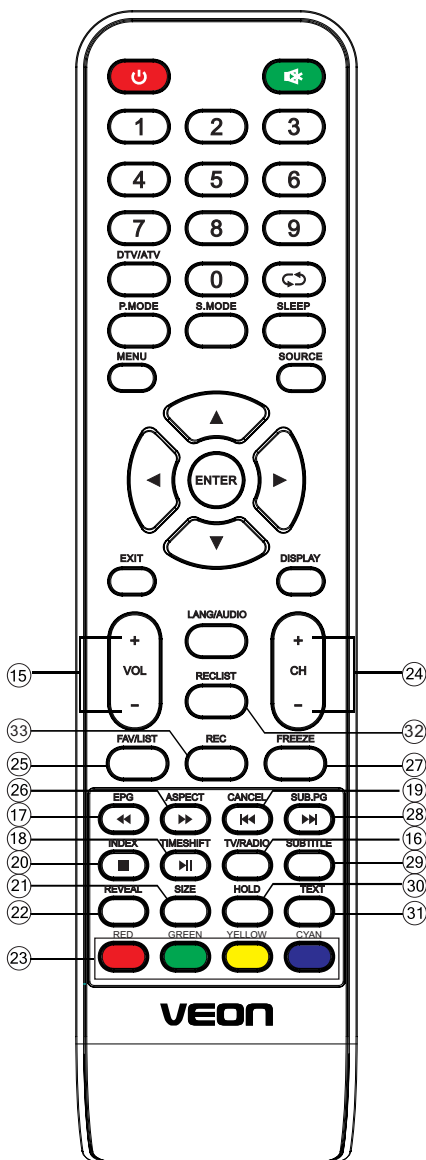
Using the Remote Control:

Unless stated, otherwise, the remote control can operate all the features of the TV.

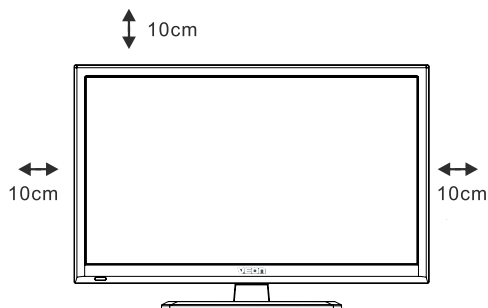
Always point the remote control directly at the remote sensor in front of the TV.

Remote Control

15. **VOL+/VOL-**: Press to increase / decrease the sound level.
16. **TV/RADIO**: When watching channel, allows you to switch between TV and Radio modes
17. **EPG**: 1. Launches the EPG (Electronic Program Guide)
2. Rewind in PVR or Media Player mode.
18. **TIME SHIFT**: 1. DTV channel time shift Function.
2. play on PVR or Media Player mode.
19. **CANCEL**: 1. When a page is selected in the mode of text, it may take some time before it becomes available, pressing the CANCEL key will return to the TV mode. When the required page is found , the page number will appear at the top of the TV picture, press the CANCEL key to return to the mode of text for you to browse this page.
2. Previous chapter in PVR or Media Player mode
20. **INDEX**: 1. Request the Index page in Teletext mode.
2. Exit the playing function in PVR or Media Player mode.
21. **SIZE**: Change the size of display in Teletext mode.
22. **REVEAL**: Reveal or Hide the hidden words.
23. **COLOR BUTTONS**: Teletext switch of the analog parts, the items selection in the menu of the digital parts and the practice of the MHEG5 in the DVB menu.
24. **CH+/CH-**: Press to scan through channels.
25. **FAV/LIST**: press to open the favorite list.
then you can select the favorite channel.
26. **ASPECT**: 1. Select picture scale.
2. fast forward in PVR or Media Player mode.
27. **FREEZE**: press to freeze the picture
28. **SUB. PG 1**: Press to access sub page.
2. Next chapter in PVR or Media Player mode.
29. **SUBTITLE**: To show and set the language of current DTV.
30. **HOLD**: HOLD On or Off for current page display .
31. **TEXT**: Switch the teletext on and off.
32. **REC LIST**: Show the recorded list.
33. **REC**: Record begin in PVR mode.



Basic Installation Guide



Setting up your TV

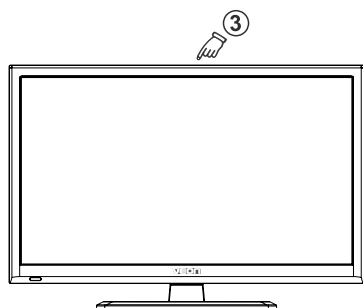
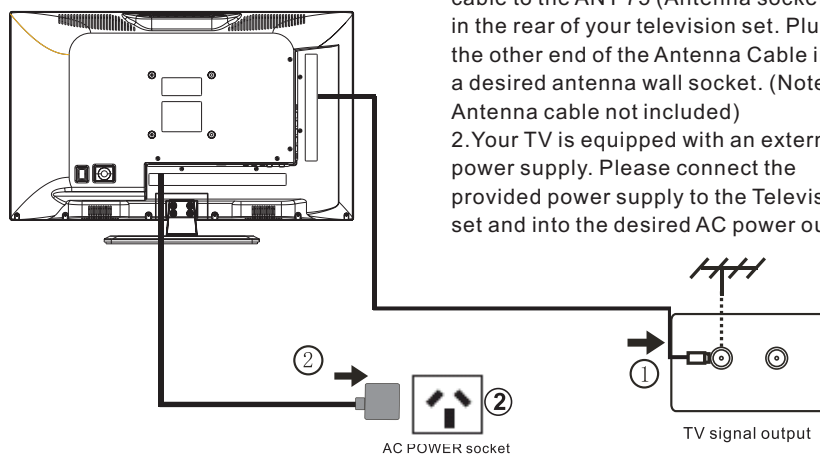
Ensure to put your TV in a firm place which can bear the weight of the TV.

To avoid any danger, please do not expose or place the TV near water, fire place And / or heating apparatuses.

(such as heaters, candles, strong lights)
Do not block the ventilation at the back Of the TV.

Connect Antenna and Power

1. Connect one end of the antenna cable to the ANT 75 (Antenna socket) in the rear of your television set. Plug the other end of the Antenna Cable into a desired antenna wall socket. (Note Antenna cable not included)
2. Your TV is equipped with an external power supply. Please connect the provided power supply to the Television set and into the desired AC power outlet.



Turn on TV

3. Press the power button on the TV or the Remote. The indication light will turn GREEN. If the TV is in standby mode the indicator light will turn RED.

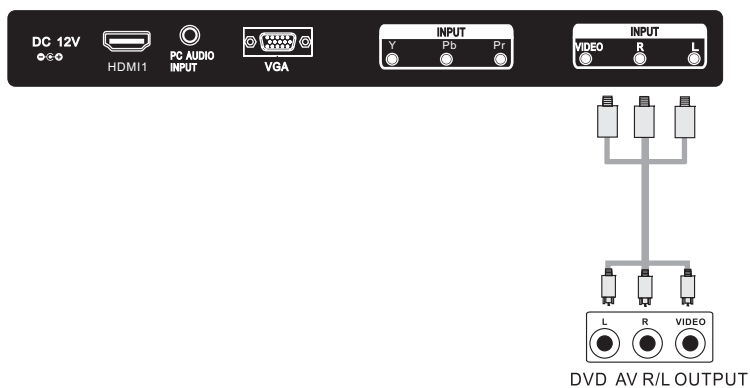
NOTE Picture for reference purposes only.

Systems Connection

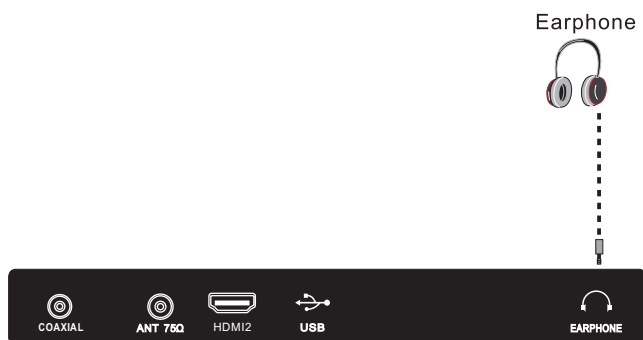
Below diagrams show the basic connection options available.

1. AV INPUT

Video/Audio input, press the **SOURCE** button using either the remote control or the button Located on the side of the TV set and select the AV option.



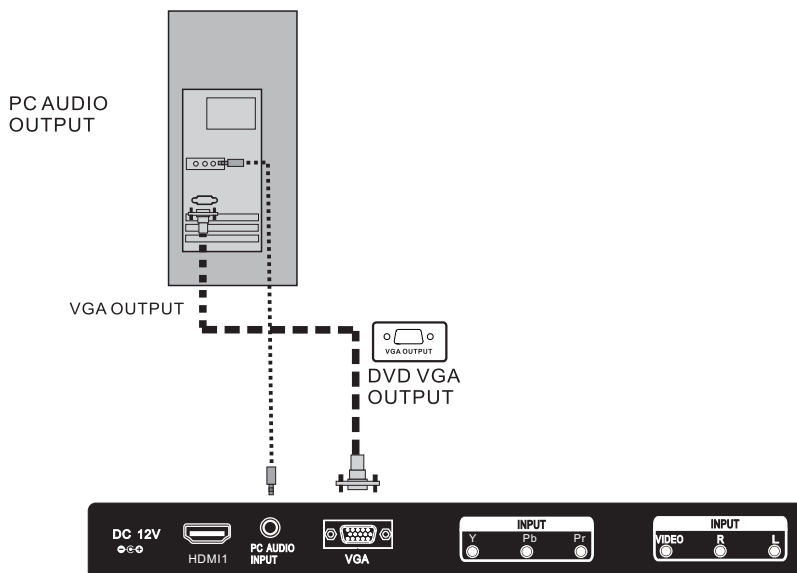
2. Earphone Output



Systems Connection

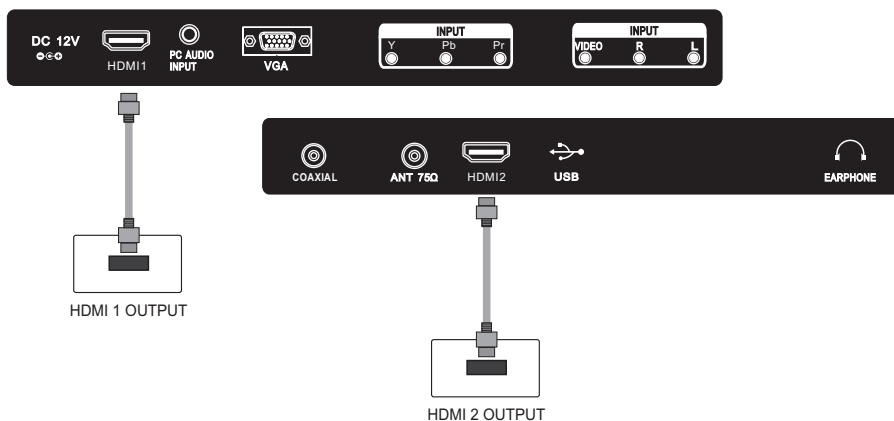
3.PC INPUT

PC(VGA)Input, press the **SOURCE** button on either the remote control or the button located on the side of the TV set and select the **PC** option.



4.HDMI INPUT

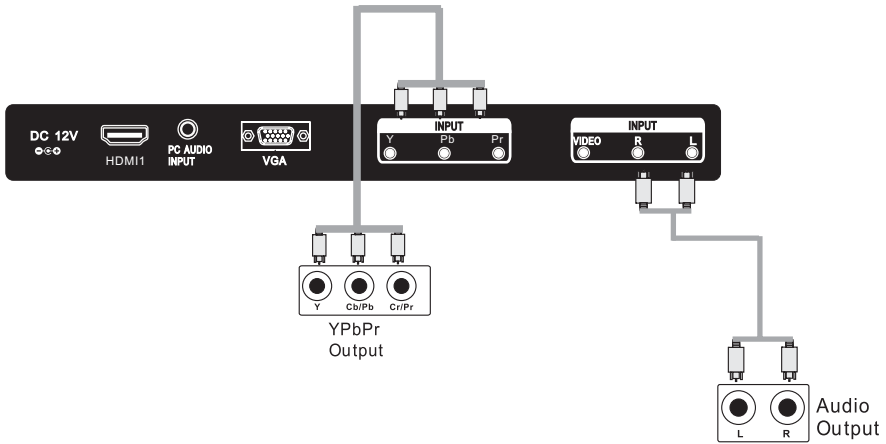
HDMI Input, press the **SOURCE** button on either the remote control or the button located on the side of the TV set and select the appropriate **HDMI** option.



Systems Connection

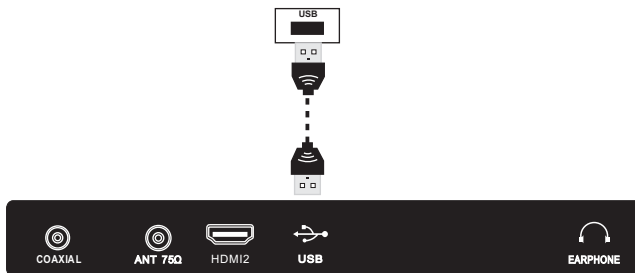
5. COMPONENT VIDEO Input

Component Video Input, press the **SOURCE** button on either the remote control or the button Located on the side of the TV set and select **COMPONENT** source.



6.USB Input

Media Input, press the **SOURCE** button on either the remote control or the button located on the side of the TV set and select the **MEDIA** option.



SELECT INPUT SOURCE



- Press **SOURCE** button to display the input source list;
- Press **▼ / ▲** or **SOURCE** button to select the input source you want to watch;
- Press **ENTER** button to enter the input source;
- Press **EXIT** button to quit;

SOURCE GUIDE

DTV : Select to view digital TV channels

ATV : Select to view analogue TV channels

AV : Select to view a Video input connected to AV input sockets

PC : Select to view PC VGA computer input

YPbPr: Select to View YPbPr connection

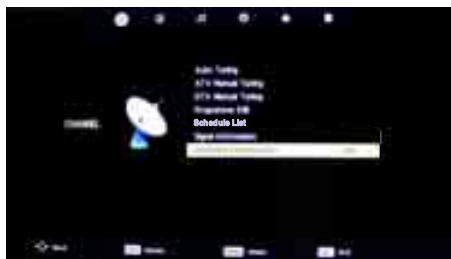
HDMI 1: Select to view external device connect to HDMI1

HDMI 2: Select to view external device connect to HDMI2

Media: Select to view MEDIA when USB is connected

CHANNEL MENU SETUP

Press **MENU** button to display the main menu. Scroll using the **< / >** buttons to select **CHANNEL** in the main menu.



1. To Enter the **CHANNEL** menu use the **▼ / ▲**
2. Use the **▼ / ▲** buttons to scroll to the desired option you want to adjust in the **CHANNEL** menu.
3. Once your desired option is highlighted, press the **ENTER** button to adjust and begin desired action.

Auto Tuning (Auto Tuning DTV ONLY)

Use the **▼ / ▲** buttons to highlight Auto Tuning, then press the **ENTER** button to enter the sub-menu. Once in the sub-menu, select your country of TV operation. Once selected, press the enter button to begin auto search. The auto search will skip ATV tuning and proceed straight to tuning your TV to DTV signal.

ATV Manual Tuning

Use the ▼ / ▲ to highlight **ATV Manual tuning**, the press the ENTER button to enter the password and enter the sub menu. (Default password 0000)

-Use ◀/▶ to select the desired channel

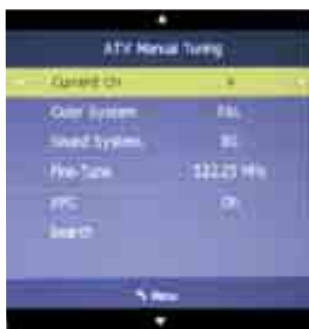
-Colour System: Default PAL

-Sound System: BG default

-Search: Press search to search for a signal.

Once a signal is found press the menu button to save.

To tune another channel follow the above steps again.



DTV Manual Tuning

Use the ▼ / ▲ to highlight **DTV Manual tuning**, the press the ENTER button to enter the password and enter the sub menu. (Default password 0000)

-Once in sub menu individually scroll and search each channel for a signal



Program Edit

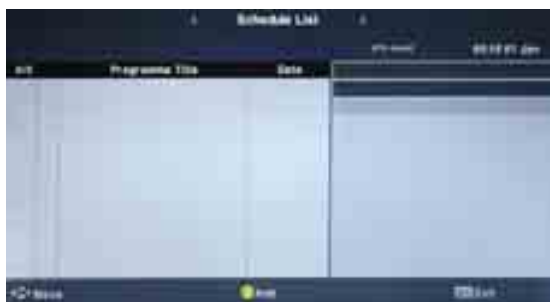
Press ▼ / ▲ button to select **Program Edit**, then press **ENTER** button to enter sub-menu.

In the submenu, follow the instructions to modify your channel order or skip certain channels in your channel list.



Schedule List

Press ▼ / ▲ button to select **Schedule List** , then press **ENTER** button to display details if you has inserted the ScheduleList .



Signal Information

Use the ▼ / ▲ buttons to highlight **SIGNAL INFORMATION**, then press **ENTER** button to display signal details including channel, Network Rowridge, Modulation, Quality and Strength.

Software update(OAD)

Note:This model TV supports the new software update in a wireless format when there is a new software available.If there is a new software for this model,freeview NZ will upload the new version software via the broadcasting system to your local TV channel.The user can enter the option of “Software update(OAD)”,use the remote control to follow the prompts to confirm the software update automatically.

Picture Menu

Press the **MENU** Button to display the Main Menu

Scroll using the < / > buttons to select **PICTURE** in the main menu.



1. To Enter the **PICTURE** menu use the ▼
2. Use the ▼/▲ buttons to scroll and highlight the desired option you want to adjust in the **PICTURE** menu.
3. Once your desired option is highlighted, Press the **ENTER** button enter and adjust.
4. After finishing your adjustment, Press the **MENU** button to save and return back to the previous menu.

Picture Mode

Use the ▼/▲ to scroll and highlight the **PICTURE MODE**. Press **ENTER** when highlighted to enter the sub-menu. Use the ▼/▲ to select the desired picture mode. (Available picture modes: PERSONAL, DYNAMIC, STANDARD, MILD).

***NOTE:** If you wish to change the value of contrast, brightness, colour and/or sharpness you must be in PERSONAL mode.

TIPS: By pressing **PMODE** on your remote control you can change picture mode directly.

Contrast

Using the ▼/▲ buttons scroll to highlight **CONTRAST**, once highlighted press the **ENTER** button to enter the sub-menu. Use the ◀/▶ to adjust the contrast of the TV set.

Brightness

Using the ▼/▲ buttons scroll to highlight **BRIGHTNESS**, once highlighted press the **ENTER** button to enter the sub-menu. Use the ◀/▶ to adjust the brightness of the TV set.

Colour

Using the ▼/▲ buttons scroll to highlight **COLOUR**, once highlighted press the **ENTER** button to enter the sub-menu. Use the ◀/▶ to adjust the colour of the TV set.

Tint

Tint cannot be adjusted on this specific TV set in the current region

Sharpness

Using the ▼/▲ buttons scroll to highlight **SHARPNESS**, once highlighted press the **ENTER** button to enter the sub-menu. Use the ▼/▲ to adjust the sharpness of the TV set.

Colour Temp

Using the ▼/▲ buttons scroll to highlight **COLOUR TEMP**, once highlighted press the **ENTER** button to enter the sub-menu. Use the ▼/▲ to select the colour temperature (cold, Normal, Warm)

Noise Reduction

Using the ▼/▲ buttons scroll to highlight **NOISE REDUCTION**, once highlighted press the **ENTER** to select. (Available noise reduction: OFF, Low, Middle, High, Default)

Sound Menu

Press the **MENU** Button to display the Main Menu

Scroll using the < / > buttons to select **SOUND** in the main menu.



1. To Enter the **SOUND** menu use the ▼/▲
2. Use the ▼/▲ buttons to scroll and highlight the desired option you want to adjust in the **SOUND** menu.
3. Once your desired option is highlighted, Press the **ENTER** button to enter and adjust.
4. After finishing your adjustment, Press the **MENU** button to save and return back to the previous menu.

Sound Mode

Use the ▼/▲ to scroll and highlight the **SOUND MODE**. Press **ENTER** when highlighted to enter the sub-menu. Use the ▼/▲ to select the desired sound mode. (Available picture modes: STANDARD, MUSIC, MOVIE, SPORTS, PERSONAL).

***NOTE:** If you wish to change treble and bass you must be in PERSONAL mode.

TIPS: By pressing **SMODE** on your remote control you can change sound mode directly.

Balance

Using the ▼/▲ buttons scroll to highlight **BALANCE**, once highlighted press the **ENTER** button to enter the sub-menu. Use the ▼/▲ to adjust the balance of the TV set.

Auto Volume

Using the ▼/▲ buttons scroll to highlight **AUTO VOLUME**, once highlighted press the **ENTER** button to select ON or OFF.

SPDIF Mode

Using the ▼/▲ buttons scroll to highlight **SPDIF MODE**, once highlighted press the **ENTER** button to select AUTO on, OFF or PCM.

AD Switch

Using the ▼/▲ buttons scroll to highlight AD SWITCH, once highlighted press the enter button to select ON or OFF. If ON is selected use the ▼ to scroll down to the volume level. Use the ◀/▶ to increase or decrease the volume.

EQ

Using the ▼/▲ buttons scroll to highlight EQ, once highlighted press the enter button to enter submenu and adjust frequency range for a more technical sound change.

Time Menu

Press the **MENU** Button to display the Main Menu

Scroll using the < / > buttons to select **TIME** in the main menu.



1. To Enter the **TIME** menu use the ▼ button
2. Use the ▼/▲ buttons to scroll and highlight the desired option you want to adjust in the **TIME** menu.
3. Once your desired option is highlighted, Press the **ENTER** button to enter and adjust.
4. After finishing your adjustment, Press the **MENU** button to save and return back to the previous menu.

Clock

Using the ▼/▲ buttons scroll to highlight **CLOCK**. Display current time.

Time Zone

Using the buttons scroll to highlight **TIME ZONE**, once highlighted press the **ENTER** button to enter the sub-menu. Use the ▼/▲ to select time zone. (Only available in DTV mode)

Sleep Timer

Using the ▼/▲ buttons scroll to highlight **SLEEP TIMER**, once highlighted press the **ENTER** button to enter the sub-menu. Select the desired sleep options.

Auto Standby

Using the ▼/▲ buttons scroll to highlight **AUTO STANDBY**, once highlighted press the **ENTER** button to enter sub menu. Select the desired auto standby option.

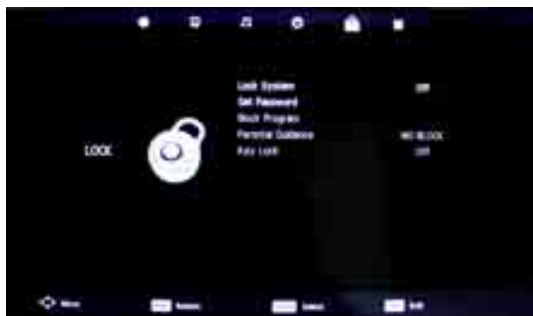
OSD Timer

Using the ▼/▲ buttons scroll to highlight **OSD TIMER**, once highlighted press the **ENTER** button to enter sub menu. Select the desired option.

Lock Menu

Press the **MENU** Button to display the Main Menu

Scroll using the < / > buttons to select **LOCK** in the main menu.



1. To Enter the **LOCK** menu use the ▼ button
2. Use the ▼/▲ buttons to scroll and highlight the desired option you want to adjust in the **LOCK** menu.
3. Once your desired option is highlighted, Press the **ENTER** button to enter and adjust.
4. After finishing your adjustment, Press the **MENU** button to save and return back to the previous menu.

Lock System

Using the ▼/▲ buttons scroll to highlight **LOCK SYSTEM**.

Press the ENTER button and enter the default password to enable the lock system.

Set Password

Using the ▼/▲ buttons scroll to highlight **SET PASSWORD**, once highlighted press the **ENTER** button to enter the sub-menu and set password.

Block Programme

Using the ▼/▲ buttons scroll to highlight **BLOCK PROGRAMME**, once highlighted press the enter button to enter the sub-menu. Once in the sub-menu scroll to select the channel in which you wish to block. Once highlighted press the Green button on your remote control to BLOCK or UNBLOCK

Parental Guidance

Using the ▼/▲ buttons scroll to highlight **PARENTAL GUIDANCE**, once highlighted press the ENTER button to select your parental guidance option. You may choose between (Block All, G and Above, PGR and Above, AO and Above or No block)

Key Lock

Use the Key lock to lock and disable the use of the buttons located on the side of the TV set.

Using the ▼/▲ buttons scroll to highlight **KEY LOCK**, once highlighted press the **ENTER** button to select ON /OFF.

SETUP Menu

Press the **MENU** Button to display the Main Menu

Scroll using the < / > buttons to select **SETUP** in the main menu.



1. To Enter the **SETUP** menu use the ▼ button
2. Use the ▼/▲ buttons to scroll and highlight the desired option you want to adjust in the **SETUP** menu.
3. Once your desired option is highlighted, Press the **ENTER** button to enter and adjust.
4. After finishing your adjustment, Press the **MENU** button to save and return back to the previous menu.

OSD language

This setting allows you to select your menu language. Using the ▼/▲ buttons scroll to highlight **OSD language**. Press the **ENTER** button to enter the sub menu. Use the arrows on your remote to select your OSD language.

TT Language

This setting allows you to select your teletext language. Using the ▼/▲ buttons scroll to highlight **TT language**. Press the **ENTER** button to enter the sub menu. Use the arrows on your remote to select your TT language

Audio Language

This setting can only be selected in DTV mode. It allows you to select your first and second audio language. Using the ▼/▲ buttons scroll to highlight **Audio language**. Press the **ENTER** button to enter the sub menu. Use the arrows on your remote to select your Audio language

Subtitle Language

This setting can only be selected in DTV mode. It allows you to select your first and second subtitle language. Using the ▼/▲ buttons scroll to highlight **Subtitle language**. Press the **ENTER** button to enter the sub menu. Use the arrows on your remote to select your Subtitle language

Hearing Impaired

Using the ▼/▲ buttons scroll to highlight **HEARING IMPAIRED**. Press the **ENTER** button to enter and turn ON / OFF.



PVR File System

This can only be selected in DTV mode. Using the ▼ / ▲ buttons scroll to highlight **PVR File System**, once highlighted press the **ENTER** button to enter. (Refer to page 27 for more details)

Time Record

This can only be selected in DTV mode. Using the ▼ / ▲ buttons scroll to highlight **Time Record**, once highlighted press the **ENTER** button to enter. (Refer to page 27 for more details)

Aspect Ratio

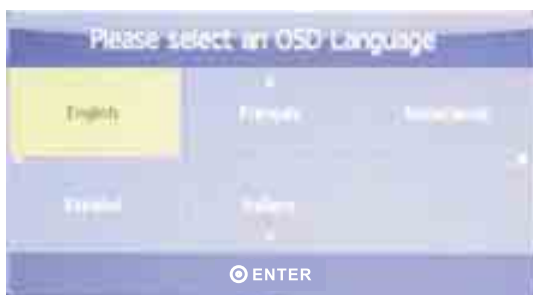
Using the ▼ / ▲ buttons scroll to highlight **ASPECT RATIO**, once highlighted press the **ENTER** button to enter the sub menu. Use the arrows on your remote to select the aspect ratio.

Blue Screen

Using the ▼ / ▲ buttons scroll to highlight **BLUE SCREEN**, once highlighted press the **ENTER** button to select ON or OFF.

First Time installation

Using the ▼ / ▲ buttons scroll to highlight **First Time installation**, once highlighted press the **ENTER** button to set relevant option including OSD language, country and tuning.



Reset

Using the ▼ / ▲ buttons scroll to highlight **RESET**, once highlighted press the **ENTER** button to enter a dialogue. Use the ▼ / ▲ button to restore factory default settings.

Software Update USB

THIS IS FOR SERVICE USE ONLY. If the wrong software is loaded onto the TV this could compromise the function and also the warranty of the TV set.

Screen Menu

PLEASE NOTE: Screen Menu is only available when there is a VGA connection made (PC connected)

Press the **MENU** Button to display the Main Menu

Scroll using the < / > buttons to select **SCREEN** in the main menu.



1. To Enter the **SCREEN** menu use the ▼ button
2. Use the ▼/▲ buttons to scroll and highlight the desired option you want to adjust in the **SCREEN** menu.
3. Once your desired option is highlighted, Press the **ENTER** button enter and adjust.
4. After Finishing your adjustment, Press the **MENU** button to save and return back to the previous menu.

Auto Adjust

Using the ▼/▲ buttons scroll to highlight **AUTO ADJUST**, once highlighted press the **ENTER** button to start adjusting automatically.

H-Offset

Using the ▼/▲ buttons scroll to highlight **H-OFFSET**, once highlighted press the **ENTER** button to enter the sub-menu. Use the ▼/▲ buttons to adjust on the TV set.

V-Offset

Using the ▼/▲ buttons scroll to highlight **V-OFFSET**, once highlighted press the **ENTER** button to enter the sub-menu. Use the ▼/▲ buttons to adjust on the TV set.

Size

Using the ▼/▲ buttons scroll to highlight **SIZE**, once highlighted press the **ENTER** button to enter the sub-menu. Use the ▼/▲ buttons to adjust on the TV set

Phase

Using the ▼/▲ buttons scroll to highlight **PHASE**, once highlighted press the **ENTER** button to enter the sub-menu. Use the ▼/▲ buttons to adjust on the TV set.

Position Reset

Using the ▼/▲ buttons scroll to highlight **Position Reset**, once highlighted press the **ENTER** button to restore factory default settings.

MEDIA OPERATION

To be able to operate the **MEDIA** menu, there must be a USB device plugged into the USB port. To access the **MEDIA** menu press the **SOURCE** button and scroll to highlight **MEDIA**. Once highlighted press the **ENTER** button to switch to **MEDIA** source.



Using the ◀/▶ buttons scroll to select the type of **MEDIA** you would like to view on your USB device. Press the **ENTER** button when selected.

For example: If you wish to watch a video file (MP4, AVI, MOV...) please select MOVIE.

NOTE: NOT ALL FILE FORMATS WILL BE COMPATIBLE IN THIS SOURCE. PLEASE CHECK PG. 32

Photo Menu

Press ◀ / ▶ button to select PHOTO in the main menu, then press **ENTER** button to enter. Press menu button to return back to the previous menu and exit menu to quit



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 the file you want to watch in the file selecting menu, then press media button to display picture.

When highlighting the option you select, the file information will appear on the right and picture will be previewed in the center.



Press ◀ / ▶ button to select the file folder you want to search in the file selecting menu, then press red or **ENTER** button on your remote control to enter sub-menu.

Press ◀ / ▶ button to select the file you want to delete in the file selecting menu, then press red button on your remote control and press **ENTER** button to delete files.

Music Menu

Press ◀ / ▶ button to select MUSIC in the main menu, then press **ENTER** button to enter. Press menu button to return back to the previous menu and exit menu to quit.



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 and music will be previewed in the center.



Press ◀ / ▶ button to select the file you want to watch in the file selecting menu, then press **ENTER** button to add the file to playlist, press media button to display and operate file details.



Press ◀ / ▶ button to select menu in the bottom you want to run, then press **ENTER** button to operate.
 Press menu button to back to the previous menu and exit button to quit the entire menu.
 Press ▼ button to hide the menu into the bottom.

Movie Menu

Press ◀ / ▶ button to select MOVIE in the main menu, then press **ENTER** button to enter.
Press menu button to return back to the previous menu and exit menu to quit.



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 and movie will be previewed in the center.

Press media button to play the selected movie.

Press display button to select menu in the bottom you want to run, then press **ENTER** button to operate.

Press menu button to back to the previous menu and exit button to quit the entire menu.

Text Menu

Press ◀ / ▶ button to select TEXT in the main menu, then press **ENTER** button to enter. Press menu button to return back to the previous menu and exit menu to quit.



When highlighting the option you select, the file information will appear on the right and text will be previewed in the center.

Press media button to view the selected text.

Press display button to select menu in the bottom you want to run, then press **ENTER** button to operate.

Press menu button to back to the previous menu and exit button to quit the entire menu.

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.

EPG – ELECTRONIC PROGRAM GUIDE

Please press the remote control "EPG" key RPROGRAMME EPG pop-up menu (only useful in DTV mode).



Press the "EPG" button on the remote control to show the EPG (Electronic Program Guide) pop-up menu (only in Digital TV Mode)

In the EPG menu follow the prompts below the available channels to select your options by using the

◀ ▶ ▼ ▲ buttons to navigate around the menu.

To switch between TV and Radio press the TV/Radio button

Note. To use the EPG function you must be receiving Digital Channels. The time settings need to be set correctly and in the correct time zone.

Using the RECORD and TIMESHIFT function – Digital TV with built-in Freeview

To use the record or time shift record function you **MUST** be DTV mode. In DTV mode the user should be able to watch digital and record digital TV programmes played by local television stations. To record a programme using the record or time shift function you **MUST** have an **EXTERNAL STORAGE DEVICE connected**.

Note: Your TV set has no internal memory

External Storage device: USB stick or External Hard drive

TO RECORD TO AN EXTERNAL STORAGE DEVICE

Insert the external storage device to the USB port on the TV unit. For first time use of the external storage device using RECORD or TIMESHIFT function, you will need to format the device.

FORMAT OPERATIONS

To begin recording to your external storage device you must follow the following format instructions.

Note: To record onto your external storage device you must format the device. We RECOMMEND clearing/deleting all valuable/important data currently on the device before taking on the following instructions. WARNING! Formatting your device will delete all current data/files on that device.

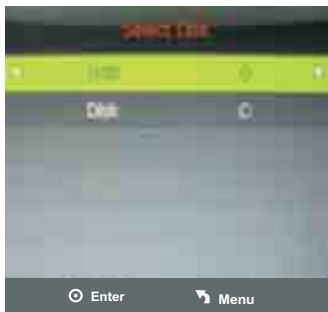
Format operations are as follows:

Press the MENU button, use the left of right arrow keys to scroll to SETUP MENU. Enter SETUP MENU and scroll to highlight the PVR File system option. Press ENTER button to pop up the following dialogue box:



Identifying your storage device

When the select disk option is highlighted, press the ENTER button to enter the **Select disk option**. The dialogue box below will pop up:



Use the ▼/▲ to select the USB interface which is connected. Default is 0.

Depending on your external storage device connected it may have more than one partition. If you have connected an external storage device such as an external hard drive this may have more than one partition (Drive/Disk).

To select the partition in which you would like to record to use the up and down arrows to select DISC option, if the external storage device has only one partition (Typically USB stick), if more than one partition (commonly external hard drive), press the left or right arrow keys to select the partition that you want to record your data to. After choosing one disk, press the MENU button to return to the PVR file system.

Formatting your External Storage Device

Use the ▼/▲ to scroll and select the FORMAT menu, press the enter button to bring up the following dialogue box:



PVR file system Type: Select the Disk format to do the format operation. System defaults to FAT32.

PVR file system Size: Choose the disk capacity for format

Standard Definition: The recordable time available if recording a SD TV programme

High Definition: The recordable time available if recording a HD TV programme

Press the ENTER button, it will pop-up with a warning dialogue box, if you are happy to format then press the ENTER button again. The system will begin to format the connected external storage device. **This operation will delete all user data in the selected disc, so please back up or clear data before beginning operation.** When the FORMAT operation is completed, the system will automatically return to PVR file system menu.

Use the ▼/▲ keys to select Check PVR file system and confirm.

This operation will test the speed of your external storage device connected. If the speed is OK, the words SUCCESS will appear after PVR file system and the storage speed will be displayed below the speed option.

Note:

- For recording standard definition video we recommend a minimum external storage speed of: 600kb/s
- For recording high definition video we recommend a minimum external storage speed of: 2000kb/s

If the test speed rate is lower than the minimum standard required, it will result in a failure in the video recording. If it does not complete the speed test function, please check whether the function of the external memory is normal.

After finishing the format operation, then you can use the RECORD / TIME shift operation.

Recording Operation is as follows:

Whilst in DTV mode, you can begin recording by pressing the “REC” button on your remote control. The system will automatically begin saving the current TV programme playing to the external storage device.



To play the TV program after the RECORD function, please press the REC LIST button on the remote control in the DTV channel mode. Pop-up dialog box is as below:



Press to play or pause

Fast forward to the previous section of the program

Fast forward to the next section of the program

To select the previous one

To select the next one

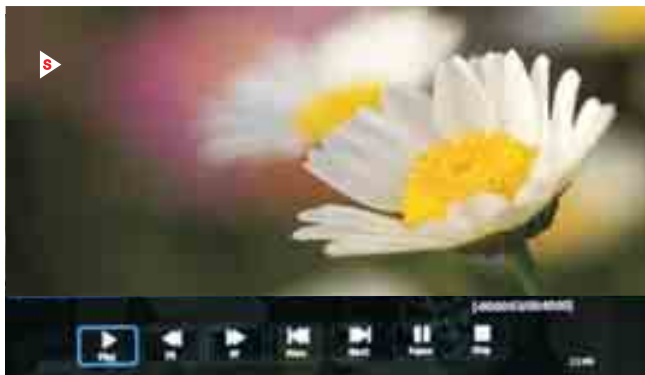
Pause play

Stop recording, exit PVR mode

This dialog box will show the video saved by the user via the RECORD function list, press the up and down arrow keys, and select the program from the list to play.



If the user wants to leave the room for a while when watching television and the user wants to continue watching from the time they left the room , please press the "TIMESHIFT" button on the remote control in the DTV channel mode, the screen will freeze at this time




To watch again, pls press Play / Pause button. Then the TV will start playing and picture will begin to play from the time they left the room.

TIMER RECORD

To schedule in a specific time in which you would like to record press the MENU button, Enter the Setup Menu and Proceed to select Scheduled List. Press enter to enter.

Once in the Submenu:

- Press the Yellow button on the remote control to enter the submenu.
- In the sub menu use the  on the remote control to select the desired. Channel in which you would like your scheduled time to be recorded.
- Scroll down to select Either Reminder or Record
- Scroll down to select Mode:Once/weekly/monthly
- Scroll down to select Start Time
- Scroll down to select End time.

Then press the enter button to confirm, followed by the enter button again to return to the scheduled list.

USB FUNCTIONS

USB MULTIMEDIA PLAYBACK FORMAT

Media	File Ext.	Codec		Remark
		Video	Audio	
Movie	.mpg	MPEG-1, MPEG-2	MP3, WMA, AAC, AC3	Max Solution: 1366x768 Max Data Rate: 40 Mbps
	.avi	DivX, Xvid, MJPEG, MPEG-4 SP/ASP, H.264		Max Solution: 1366x768 Max Data Rate: 20 Mbps
	.ts	MPEG-2, H.264		
	.mov/ .mkv	MPEG-4 SP/ASP, H.264		
	.dat	MPEG-1		
	.mp4	MPEG-4 SP/ASP, H.264		
		MPEG-1, MPEG-2		
	.vob	MPEG-2		Max Solution: 720×576 Max Data Rate: 40 Mbps
Music	.mp3	--	MP3	Sample Rate: 8K~48KHz Bit Rate: 32K~320Kbps Channel: Mono/Stereo
	.wma	--	WMA	Sample Rate: 16K~48KHz Bit Rate: 32K~442Kbps Channel: Mono/Stereo
	.m4a/ .aac	--	AAC	
Photo	.jpg/	Progressive JPEG		Max Resolution: 1024×768
	.jpeg	Baseline JPEG		Max Resolution: 8192×8192
	.bmp	BMP		Max Resolution: 6500×6500 Pixel Depth: 1/4/8/16/24/32 bpp
	.png	Non-Interlaced		Max Resolution: 3000×3000
		Interlaced		Max Resolution: 1500×1500
File system: Hi Speed FS, FAT32, FAT16, NTFS(NTFS compressed file is not supported) Notes: Licenses are required for DivX, MPEG, H.264, AC3, MP3, WMA and AAC. Max.HDD Capacity: 400GB				

RESOLUTION

VGA

Resolution	800x600	1024x768	1360X768
Vertical frequency Hz	60	60	60

HDMI

Resolution	480i	480p	576i	576p	720p	1080i	1080p
Vertical frequency Hz	60	60	50	50	50/60	50/60	50/60




YPBPR

Resolution	480i	480p	576i	576p	720p	1080i	1080p
Vertical frequency Hz	60	60	50	50	50/60	50/60	50/60

HELP

No Power	Please check if the AC power cable is connected to the TV unit and switched on at the socket outlet. If the TV still does not operate check the socket outlet has power by <u>trying another appliance in the socket.</u>
Cannot Receive Signal Properly	<p>Double or Phantom imaging may occur in high buildings or when surrounded by mountains. Please;</p> <ul style="list-style-type: none"> - Consult Television provider; or - Manually change the direction of external antenna <p>If you are using an indoor antenna receiving a signal will be more difficult. Proceed to adjust and move antenna until desired picture is shown. If image does not change, you have to use external antenna.</p>
No picture	Check the antenna at the back of the TV is connected properly. Try to select other channels to check whether it is the TV or just the channel itself. Ensure the TV is tuned correctly (follow instructions under CHANNEL Menu on page 12-13)
Video is working, but have no audio	Try increasing the volume on you remote control. Double check that mute function on you remote has not been selected. Press Mute button to resume sound
The TV has no response with remote.	Operate the remote directly facing the sensor on the front of the TV. Please check that the batteries polarity are installed correctly. Please try using a new set of batteries. The TV will shift to STAND BY if no response from the remote in a few minutes
No Video In (PC MODE)	Please check if the display cable connected to the VGA is correct. Please check that the cord is not damaged nor is there a bend in the cable

SPECIFICATIONS

Screen Size	19"	22"	24"
Viewing angle	178° (Horizontal) / 178° (Vertical)		
TV system	PAL/SECAM		
Video system	PAL/NTSC/SECAM		
Preset Channels	1-100		
Input	RF IN , AV, PC, YbPbPr, VGA, HDMIx2, USB		
Speaker Output	3+3W		
Power requirement	DC 12V  3A  		AC 100-240V~, 50/60Hz
	19" LED TV , 22" LED TV		24" LED TV
Power consumption	36W	36W	48W
Non-active pixels	0-5		
Accessories	User's manual Remote controller Power cord 2 x AAA Batteries		

Note: The LCD panel is a high technology product, giving you finely detailed pictures. Occasionally, a few non-active pixels may appear on the screen as a fixed point of colour. This does not affect the performance of your product.

Note: This user manual is for reference only. Specifications are subject to change without notice.

General instructions

1. What to do if Parental lock code lost?

Master code: **4711**

Use the master code to unlock the TV if the parental lock code is lost.

2. What kind of help for the Hearing Impaired?

When broadcast certain programmes feature a TV Stream for Hearing Impaired people.

To turn on this function go to Menu – Setup - Hearing Impaired and set to **ON**. If a suitable programme is broadcast the screen will display some subtitles for hearing impaired people.

3. Why the TV go to the STAND BY mode after continued plays 4 hours?

The time default setting for the TV is 4 hours in the software, when the TV continued plays 4 hours without any operation from the remote or control button.

The TV will go to the STAND BY mode automatically for the energy saving.

Warranty Card

This product is guaranteed against faulty materials and workmanship for a period of Three years from the date of purchase with proof of purchase. The obligation to the purchaser under this warranty is limited to servicing the unit and replacing defective parts or refund when the product is returned freight prepaid to the retailer with proof of purchase. This warranty becomes void if the product has been tampered with, damaged by accident, damaged in any other way by improper use or has been purchased second hand. All production orders have quality inspections. In the unlikely event of a deficiency, please contact the retailer from which this product was purchased.

WARRANTY FOR APPLIANCES USED COMMERCIALY LIMITED TO 90 DAYS

Type of Appliance: _____

Model No.: _____ Purchase Date: _____

Product Purchased From: _____

Your Name: _____

Address: _____

_____ Phone Number: _____

IMPORTANT!

Please retain this warranty card along with your purchase receipt. Please do not post to the retailer. If service or a warranty claim is required, both of these documents are to be returned with the appliance to your retailer, otherwise a fee may be charged or warranty declined. For technical help contact the helpline.