MISURO HD LCD TV WITH DVD PLAYER

GLCD1908HDV
GLCD2208HDV

The Gold Technical Support Line: 1902 215 259

(Charges will apply at $2.95 per minute)

Introduction

Thank you for buying this Grundig product, which is designed to give you many years of trouble-free service.

You may already be familiar with using a similar unit, but please take time to read these instructions. They are designed to familiarise you with the unit's many features and to ensure you get the very best from your purchase.

Safety is important
Your safety and the safety of others is important.
Therefore, please ensure you read the "Safety Instructions" **before** you operate this unit.

Warranty
In the unlikely event that your product fails to work normally, please call the below free phone number to discuss the problem with one of our qualified service engineers.

Australia.
Grundig Warranty: 1800 509 394

New Zealand
Grundig Warranty: 0800 450 259

Contents

Safety Instructions

1. Please read these operating instructions carefully before you operate this unit.
2. Do not use this television near water.
3. Clean with a dry cloth only.
4. Do not block any ventilation openings. Install in accordance with the manufacturers instructions.
5. Do not install near any heat sources such as radiators, heat registers, stoves, or other devices (including amplifiers) that produce heat.
6. Protect the power cord from being walked on or pinched particularly at the power point and the TV power input.
7. Only use attachments/accessories specified by the manufacturer.
8. Unplug this television during lightning storms or when unused for long periods of time.
9. Refer all servicing to qualified service personnel. Servicing is required when the television has been damaged in any way, such as the power-supply cord or plug has been damaged, liquid has been spilled or objects have fallen into the television, the television has been exposed to rain or moisture, does not operate normally, or has been dropped.
10. The television should not be exposed to dripping or splashing water and no objects filled with liquids, such as vases, should be placed on the television.
11. Beware, if the television is to be built into a compartment or similar enclosed space, heat build-up can occur and can reduce the service life of your television and can be dangerous. Make sure you leave plenty of space around the unit.
12. If there is a sudden change in temperature or humidity, or when warm air comes into contact with any cold parts in the unit, condensation may form. Placing the unit in a warm room to dry out any condensation, this may take 1 to 2 hours, depending on environmental conditions. Once condensation disappears, the unit will return to normal functions.
13. It is dangerous to use warped or broken disc in the DVD Player, as lasers rotate at high speeds inside. Never use discs repaired with plastic tape or glue, as it will lead to damage. If you hear any loud strange noises, please stop playing immediately.
14. Please keep any DVDs away from direct sunlight, high temperature and humidity

Installation Notes

- This TV can be connected to AC 100-240 Volts, 50/60 Hz power source. Never connect straight to a DC supply or any other power supply, then specified above.
- Locate the TV in the room where light does not directly strike the screen.
- Total darkness or a reflection on the picture screen can cause eyestrain. Soft and indirect lighting is recommended for comfortable viewing.
- Allow enough space between the TV and the wall to permit ventilation.
- Avoid excessively warm locations to prevent possible damage to the cabinet or premature component failure.
- Do not cover the ventilation openings when using the TV.

Additional Safety Notes

- Never tamper with any components inside the TV, or any other adjustment controls not mentioned in this manual.
- To clean up dust, water drops or smudges from the screen or cabinet, use a dry soft cloth. Also make sure you disconnect the TV when you are cleaning the unit.
- During thunder and lighting, unplug the power cord and antenna cord to prevent damage to your TV.
- All repairs to this TV should only be performed by a qualified technician.
- Be cautious of this ⚠ safe mark and beware to the below warning

WARNING:

To prevent fire or shock hazard, do not expose this unit to water or moisture. Do not remove any parts as there are no user serviceable parts inside. Refer all servicing to qualified service personnel.

Unpacking
_____

Please make sure that the following items are included with your LCD TV. If any item is missing, please contact the warranty line.
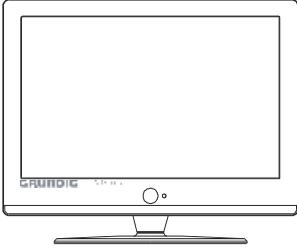
 TFT LCD TV
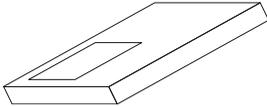
|	
 Remote Control	 Operation Manual
 DC Adaptor	 Power Cord
 RCA Cable	 Car Cord
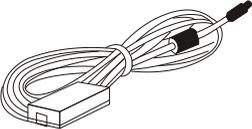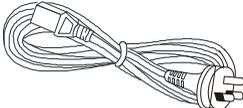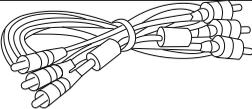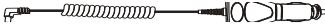
Wall Mount Bracket Installation

1. Place the "LCD TV" on a solid surface. Use soft material to place over the front screen to avoid any damage.
2. Remove the 5 screws (①②③④⑤) from the unit and take away the stand (Refer picture 1).
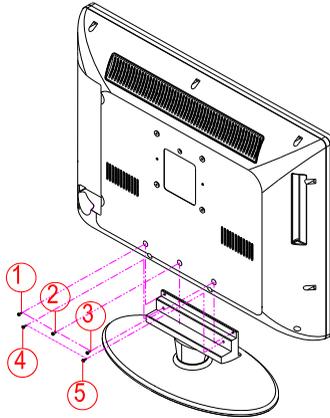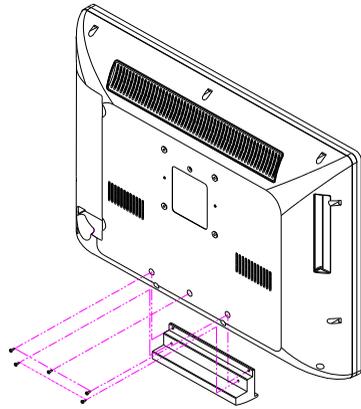
(Picture 1)   (Picture 2)

3. Using the plastic cover that came with the LCD screw in the 5 screws to fix the plastic cover on the bottom of the unit (Refer picture 2).
4. Use 4 screws to fix the TV on the wall mount bracket .Please find there are 4 VESA holes on the back of the unit (Refer picture 3).
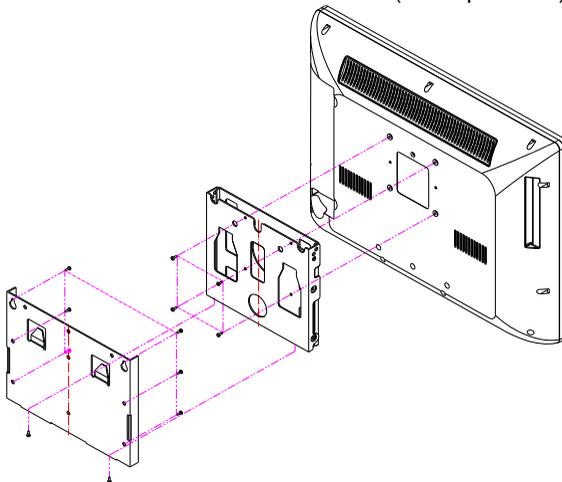
View of the TV

Front View
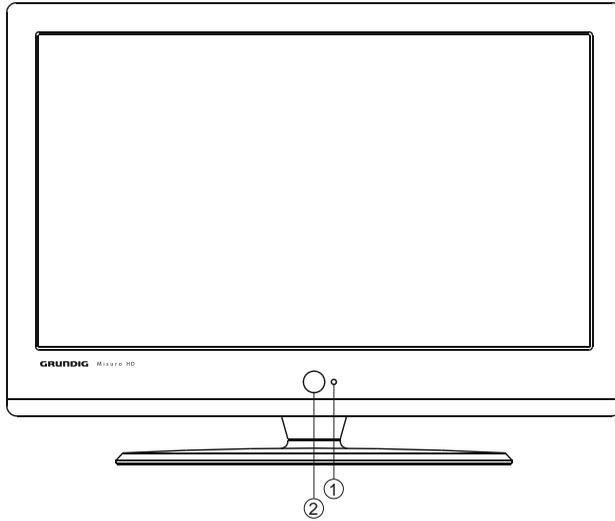
Back View
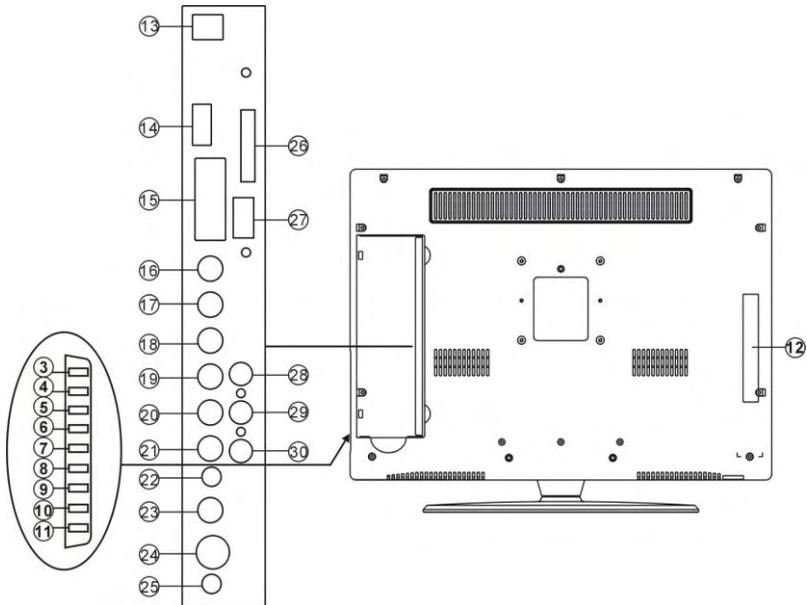
1. Remote Sensor

Receives the remote signals from the remote control.

2. Power Indicator

In Power On Mode the indicator will turn blue. In Standby mode the indicator will be red.

3. PLAY/PAUSE Button

Press the Play/Pause Button to play or pause playback while watching a DVD.

4. STOP Button

Press the Stop Button to stop playback while watching a DVD.

5. EJECT Button

Press the Eject Button to remove your DVD from the disc input.

6. VOL- Button

Press the VOL- Button to decrease the volume level.

7. VOL+ Button

Press the VOL+ to increase the volume level.

8. CH- Button

Press the CH- Button to scroll downward through the channel list.

9. CH+ Button

Press the CH+ Button to scroll upwards through the channel list.

10. MENU Button

Press the Menu Button to enter the Main Menu.

11. SOURCE Button

Press the Source Button to select input source.

12. DVD Disc Input

The DVD Disc Input allows you to enter your DVD for playback.

13. DC Input

The DC Input allows you to connect your DC 12 Volt power supply.

14. HDMI Input

The HDMI Input allows you to connect your HDMI Cable for greater definition.

15. VGA Input

The VGA Input allows you to connect your TV to your PC to use as a monitor or view movies.

16. Y Input

17. Pb Input

18. Pr Input

19. Video Input

20. Audio (Left) Input

21. Audio (Right) Input

22. PC Audio Input

23. Coaxial Out

The Coaxial Out allows you to connect the TV to your surround sound system.

24. RF IN

The RF IN allows you to connect your aerial.

25. Headphone Input

The Headphone Input enables you to connect headphones for private listening.

26, 27. USB/SD/MMC Card Input

The SD/MMC Card Input enables you to insert your USB/SD/MMC card or stick and play/view AVI, MP4, DivX4, DivX5, Xvid, JPEG, BMP, PNG, MP3 & AAC files.

28. DVD Right Audio Output

29. DVD Left Audio Output

30. DVD Video Output

Remote Control
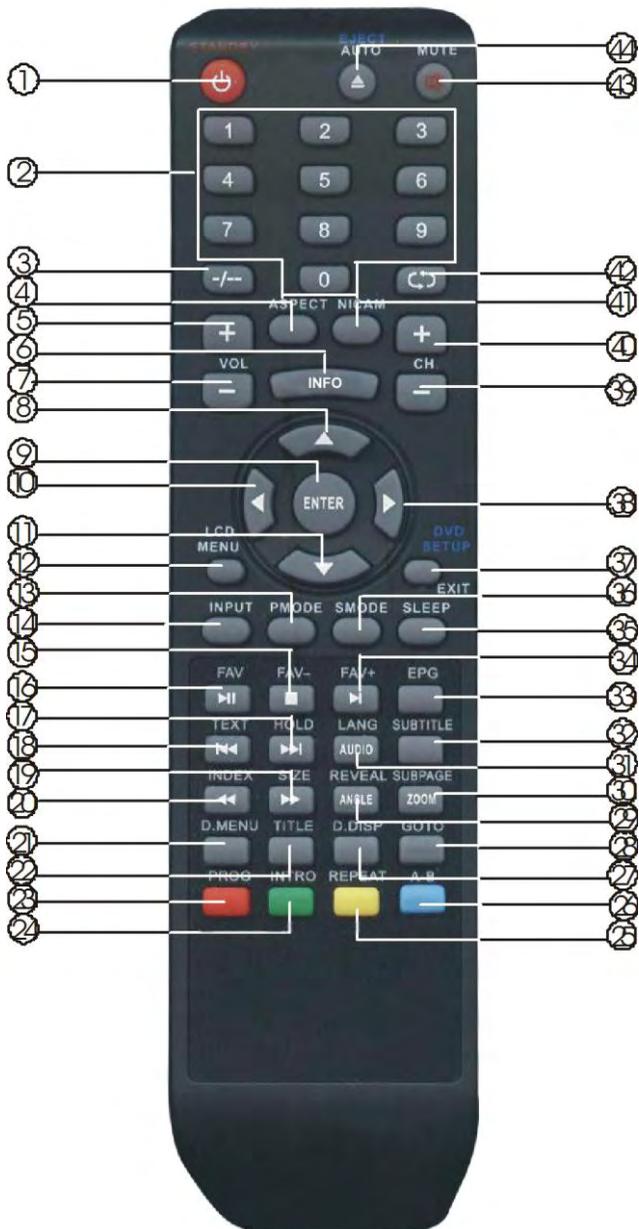
Remote Control Keys Function

1.Power Button: Press the Power Button to switch the TV on or off.

2.Numeric Buttons: Press the Numeric Buttons to select a channel or select a page in the Teletext.

3.CH.LIST Button: Press the Channel List Button to show the channel list.

4.Aspect Button: Press the Aspect Button to scroll through and select the picture size.

5.VOL+ Button: Press the VOL+ Button to increase the volume level.

6. INFO Button: Press the INFO Button to view the program information of what you are watching.

7. VOL- Button: Press the VOL- Button to decrease the volume level.

8. ▲ Navigation Button: Press the Up arrow to scroll up through the Menus.

9. ENTER Button: Press the Enter Button to confirm settings.

10. ◀ Navigation Button: Press the Left arrow to scroll up through the Menus.

11. ▼ Navigation Button: Press the Down arrow to scroll up through the Menus.

12. LCD Menu Button: Press the LCD Menu to view the Main Menu.

13. P.Mode Button: Press the P.Mode Button to enter the picture mode and scroll through the picture options.

14. Input Button: Press the Input Button to select the Input source you wish to play – DVD, DTV, TV, USB, SD and MMC.

15. Fav-/Stop Button: Press the FAV - Button to cancel a favourite program. Press the Stop Button to stop play in DVD, USB, SD or MMC play modes.

16. FAV/Play/Pause Button: Press the FAV Button to display the Favourite Menu in DTV mode or press the Play/Pause Button in DVD, USB, SD or MMC modes.

17. Hold/Skip Forward Button: Press the Hold button to freeze the current display in Teletext mode. Press the Skip Forward Button to skip to the next chapter in DVD mode.

18. Text/Skip Backwards Button: Press the Text Button to enter the Teletext Menu. Press the Skip Backwards Button to go back to the previous chapter in DVD mode.

19. Size/Fast Forward Button: Press the Size Button to change the display size in the Teletext Menu. Press the Fast Forward Button to fast forward play.

20. Index/Rewind Button: Press the Index Button to display the index page in the Teletext Menu. Press the Rewind Button to rewind play.

21. D.Menu Button: Press the D.Menu to display disc Menu.

22. Title Button: Press the Title Button to display the DVD title Menu.

23. Prog/Red Button: Press the Prog/Red Button to select the DVD program playback or display red subject in Teletex Menu.

24. Intro/Green Button: Press the Intro/Green Button to display the green subject in the Teletext Menu or to select the INTRO function in DVD mode.

25. Repeat/Yellow Button: Press the Repeat Button to repeat playback. Press the Yellow Button to show the Yellow subject in the Teletext Menu.

26. A-B/Blue Button: Press the A-B Button to repeat A-B playback. Press the Blue Button to show blue subject in the Teletext Menu.

27. D.DISP Button: Press the D.Menu to display track information in DVD, USB, SD or MMC modes.

28. GOTO Button: Press the GOTO Button to find a play point in DVD mode.

29. Reveal/Angle Button: Press the Reveal Button to show any hidden information in the Teletext Menu. Press the Angle Button to select different playback angles in DVD mode.

30. Subpage/Zoom Button: Press the Subpage Button to select a subpage in the Teletext Menu. Press the Zoom Button to select the zoom function in DVD playback.

31. Lang/Audio Button: Press the LANG Button to select which language you wish to use in DTV mode. Press the Audio Button to change the DVD Audio settings.

32. Subtitle Button: Press the Subtitle Button to scroll through and select the subtitle language or to switch off subtitles.

33. EPG Button: Press the EPG Button to display the DTV 7 Day Electronic Program Guide.

34. FAV+/Right Arrow Button: Press the FAV+ Button to add a program to the favourite list. Press the Right Arrow Button to increase the speed of DVD playing.

35. Sleep Button: Press the Sleep Button to select and enter the unit sleep time.

36. S.Mode Button: Press the S.Mode Button to select through the different sound modes selections.

37. EXIT/ DVD Menu Setup Button: Press the Exit Button to exit Menu settings. Press the DVD Menu Setup Button to select the DVD Menu.

38. Navigation Button: Press the Right arrow to scroll up through the Menus.

39. Ch- Button: Press the Ch- Button to scroll downwards through the channel list.

40. Ch+ Button: Press the Ch+ Button to scroll upwards through the channel list.

41. NICAM Button: Press the NICAM Button to select the NICAM function.

42. Return Button: Press the Return Button to return to the previous program you were watching.

43. Mute Button: Press the Mute Button to turn off and on the sound, only.

44. Eject Button: Press the Eject Button to remove the disc from the DVD Player or to select auto adjust in PC VGA mode.

Remote Control Battery Installation

Replace battery by following the below steps:

The remote control requires two AAA batteries.

1. Open the battery cover as shown below:

2. Install the batteries into the battery tray.
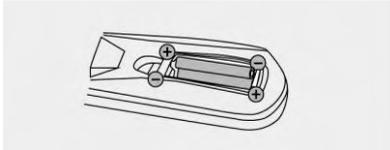

3. Close the battery cover

Caution:

1. Keep the batteries out of the reach of children.
2. Don't attempt to recharge, short-circuit, disassemble, heat up or throw batteries into a fire.
3. Always replace both batteries at the same time. Never mix new and old batteries or batteries of a different type.
4. If you don't intend to use the remote control for an extended period, remove the batteries to prevent possible leakage and corrosion.

Notes:

1. Do not drop, shake or step on the remote control.
2. Do not spill water on the remote control.
3. Aim the remote control directly at the remote sensor, for best use.
4. If the TV does not operate when operating the remote control from a close range, you need to replace the batteries.

Installation and Connection

Connect the LCD TV
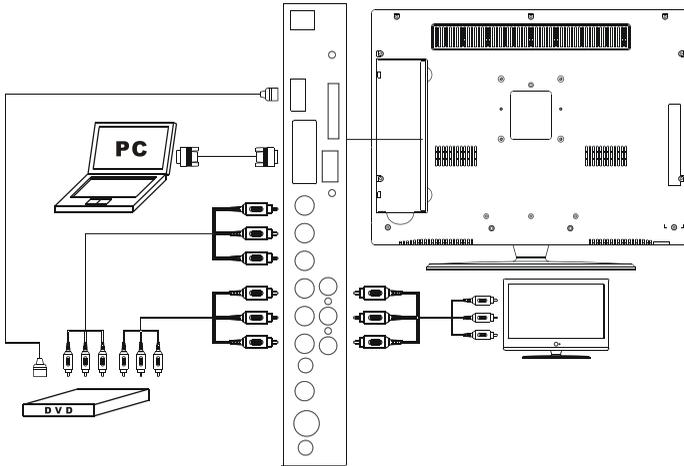
1. Connect the TV RF source to the RF IN port. TVRF signal including: Receiving antenna /satellite TV/CATV net. You can use 75Ω coaxial cable to connect the outdoor antenna.

   ### Outdoor Antenna Connection:
   Use 75Ω coaxial cable plug or 300-75Ω impedance converter to plug in antenna input terminal on the rear of the cabinet.
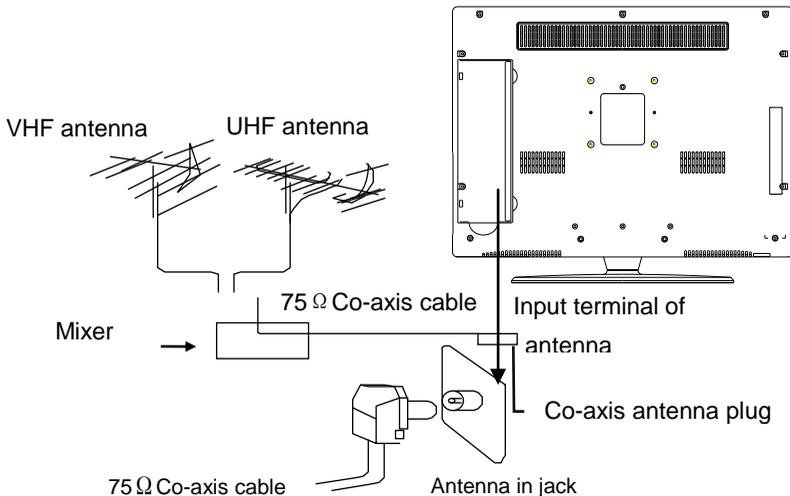
2. Connect the audio sources (including DVD and VCDR) to the Left and Right AUDIO Input.
3. Connect the video source to the VIDEO Input via the RCA cable for basic TV connection.
5. Insert the AC power into the DC adaptor, then connect the 12 Volt Input from the TV to its DC Output.
6. To use the TV as a computer monitor, connect the PC through the VGA Input via the VGA Cable.

TV Basic Operation

1. Press the **POWER** Button on the unit or on the remote control to turn the TV on. The power indicator on the front of the TV will turn blue to indicate power on. Press the **POWER** Button again to switch off the TV, the indicator will turn red.
2. Press the **VOL -** or **VOL +** Button to adjust the volume level. Press the **VOL -** Button to decrease the volume and press the **VOL +** Button to increase the volume.

Changing Channels

1. Press the Input Button on the remote control to select the ATV, DTV, DVD or media modes. If you are using the television for the first time, an Installation Guide will be displayed to guide you through the initial channel scan set up.


2. Channel '1' will appear on the left top corner of the screen after initial the channel scan is complete. Press the **CH-** or **CH+** Button to select the

previous or next channel or press the **0-9** Buttons to enter a channel number directly.

3. Press the ⟲ Button on the remote control to return to the previous channel that was last viewed.

4. Press the **P.MODE** Button to cycle through the available video picture modes from the different options below.

| Standard | → | Mild | → | User | → | Dynamic |
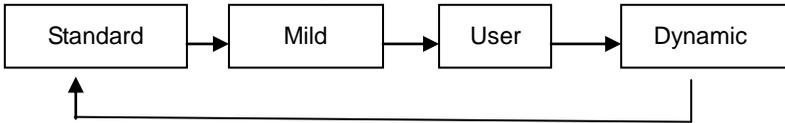
5. Press the **S.MODE** Button to cycle through the available sound modes from the different options below.

| Music | → | Movie | → | Sports | → | User |

| Standard |
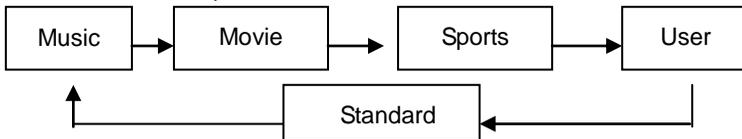
6. Press the **MUTE** Button to turn off the sound only and press again to turn sound on again.

7. Press the **DISPLAY** Button to display the information of the channel playing.

View Different Input Signal Sources

Press the Input Button on remote control, and then press the ▲ or ▼ Buttons to select the available input sources as follow:

| DTV | → | ATV | → | AV | → | COMPONENT | → | DVD |

| CARD | ← | STORAGE | ← | HDM | ← | VGA |
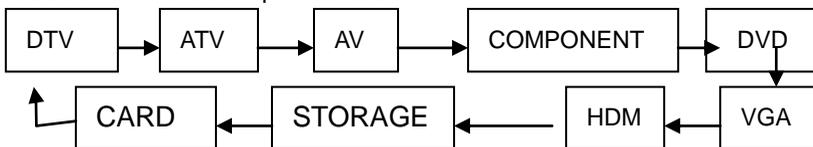
View the TELETEXT program

1. Press the Input Button to select the DTV mode. Then press the **CH-** or **CH+** Button on the remote control to select a DTV channel in order to pick up the TELETEXT signal, if broadcasted.

2. Press the **TEXT** Button to enter the TELETEXT Menu. Then press the **TEXT** Button again to exit.

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3. Press the **CH-** or **CH+** Buttons to select the previous page or press the **0-9** numeric Buttons for your desired page. Note: The first number should not be '0' or '9'.

TV Channel Menu

The TV Channel Menu will give you access to the program functions i.e. Auto Scan, Program Edit and Signal Information.

To enter the TV Channel Menu, make sure you are in either the DTV or ATV modes. Then press the **LCD MENU** Button and the Channel Menu will appear.

Press the ▲or▼ buttons to select the sub-Menu of your choice; Auto Tuning, DTV Manual Tuning, and ATV Manual Tuning and Program Edit. To confirm, press the **ENTER** Button.

When you have finished press the **LCD MENU** Button to return to Channel Menu or press the **EXIT** Button to exit.

Auto Tuning

When you select Auto Tuning, this screen will be displayed and the channel scan will begin automatically.

DTV Manual Tuning
Press the ◄or ► Buttons to select the individual DTV channel you wish to tune. Then press the **ENTER** to start scan.

ATV Manual Tuning
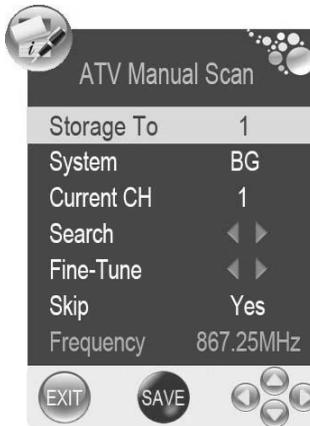
Press the ◄or ► Buttons to select the individual ATV channel you wish to tune. Then press the **ENTER** to start scan.

Press the ▲or▼ Buttons to select the ATV Manual Tuning settings below you wish to adjust.

Storage To

Press the ►or ◄ Buttons to select the channel number you want to save.

System

Press the ► or ◄ Buttons to select the TV sound system setting.

Current CH

Press the ► or ◄ Buttons to select the current ATV channel.

Search

Press the ► or ◄ Buttons to search backward/forward, through the manual scan. Press the **LCD MENU** Button or **EXIT** Button to stop the manual search.

Fine-Tune

Press the ► or ◄ Buttons to fine tune the signal level of the current ATV   channel.

Skip

Press the ► or ◄ Buttons to turn on/off the Channel skip function. When it's selected the channel will be set to skip when you switch channels by pressing the **CH+** or **CH-** Buttons.

Program Edit

To select the program edit settings press the ▲or▼ Buttons. See options below.

Delete

To delete a program or channel, press the **Red** Button and the DELETE mark will be displayed. Then press the **Red** Button again, to confirm and delete the current program.

Rename

To rename a program or channel, press the **green** Button and the RENAME mark will be displayed. Then move cursor by pressing the ► or ◄ Buttons and press the ▲or▼ Buttons to select characters. Press the **LCD MENU** Button to confirm and return to previous Menu.

Swap

To move the position of a channel, press the ▲ or ▼ Buttons to move cursor to your desired program. Press the **yellow** Button to select and confirm the channel or program you wish to move. The SWAP mark will be

displayed. Then press the▲ or ▼ to move the channel to the new position.

Skip

To set a selected program to skip, press the **Blue** Button and the SKIP mark

will be displayed. This will set that channel to skip and you will not be able to search for this program. Press the **Blue** Button again to cancel the setting and the SKIP mark will disappear.

FAV

To set a program to your favourites list, press the **FAV** Button and this mark will appear next to the program. To cancel the favourite setting, press the **FAV** Button again and this   mark will disappear.

PICTURE Menu
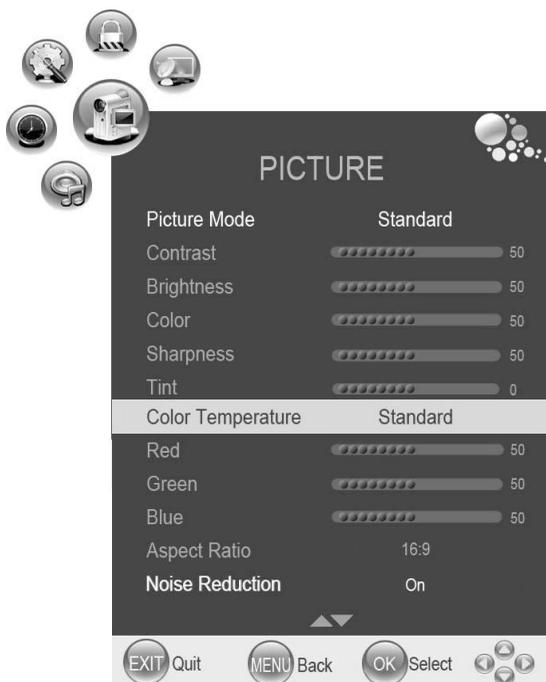
To enter the Picture Menu, press the **LCD MENU** Button and then press the ◄ or ► Buttons to select the Picture Menu.

Once in the Picture Menu, press the ▲ or ▼ Buttons to select the settings you wish to adjust. To return to the Main Menu, press the **LCD MENU** Button or to exit press the **EXIT** Button.

Picture Mode

To adjust press the ◄ or ► Buttons to scroll through the picture modes.

Contrast

Press the ◄ or ► Buttons to adjust the contrast.

Brightness

Press the ◄ or ► Buttons to adjust the brightness.

Colour

Press the ◄ or ► Buttons to adjust the colour.

Sharpness

Press the ◄ or ► Buttons to adjust the sharpness.

Tint

Press the ◄ or ► Buttons to adjust the tint, this option only works in VGA mode and when the VGA input is connected.

Colour Temperature

Press the ◄ or► Buttons to select the colour temperature; Cool, User, Warm, and Standard.

Red

Press the ◄ or ► Buttons to adjust.

Green

Press the ◄ or ► Buttons to adjust.

Blue

Press the ◄ or ► Buttons to adjust.

Aspect Ratio

Press the ◄ or ► Buttons to select the Aspect Ratio: Zoom1, Zoom2, Auto, 4:3 and16:9.

Noise Reduction

Press the ◄ or ► Buttons to turn the Noise Reduction function on or off.

SOUND Menu
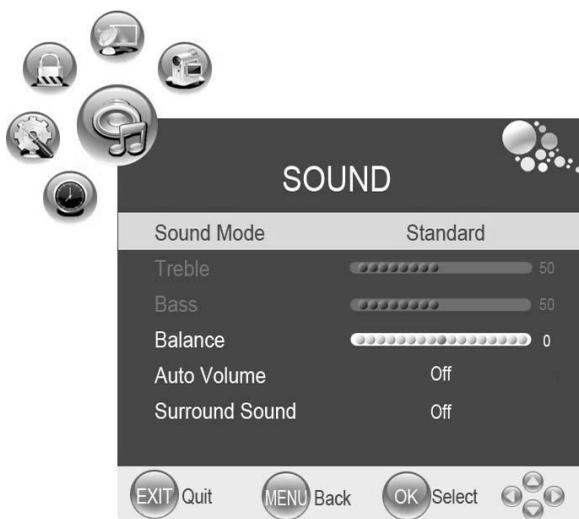
To enter the Sound Menu, press the **LCD MENU** Button and then press the ◄ or ► Buttons to select the SOUND Menu.

Press the ▲ or ▼ Buttons to scroll through the settings in the Sound Menu.

To return to the Main Menu, press the **LCD MENU** Button or to exit press the **EXIT** Button.

Sound Mode

To adjust the Sound Mode, press the ◄ or ► Buttons. You will scroll through the sound modes; User, Standard, Music, Movie and Sports.

Treble

Press the ◄ or ► Buttons to adjust the treble.

Bass

Press the ◄ or ► Buttons to adjust the bass.

Balance

Press the ◄ or ► Buttons to adjust the balance of left and right audio outputs.

Auto Volume

Press the ◄ or ► Buttons to select Auto Volume to off or on. When it's set to on, the volume level will stay as the set Volume.

Surround Sound

Press the ◄ or ► Buttons to turn the surround sound on or off.

TIME Menu
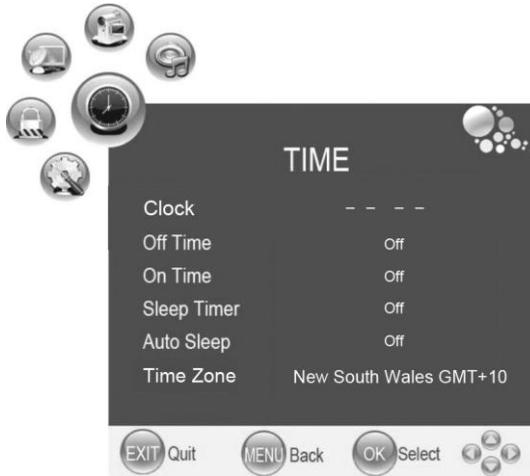
To enter the Time Menu, press the **LCD MENU** Button and then press the ◄ or ► Buttons to select the Time Menu.

Press the ▲ or ▼ Buttons to scroll through the settings in the Time Menu. To return to the Main Menu, press the **LCD MENU** Button or to exit press the **EXIT** Button.

Clock

To set the clock, press the ◄ or ► Buttons to select to change the hours or minutes. Press the ▲ or ▼ Button change the time.

Off Time

Press the ◄ or ► Buttons to select the Off time Setting. This will set the TV to an exact turn off time. Press the ► Button to enter a Setup Sub-Menu, then scroll through using the ▲,▼,◄ or ► Buttons to set the time you want the unit to be turned off.

On Time

Press the ◄ or ► Buttons to set the On Time setting. This will set the TV to turn on at a selected time. Press the ► Button to enter a Setup Sub-Menu and then scroll through using the ▲,▼,◄ or ► Buttons to set the time you want the unit to be turned on.

Sleep Timer

Press the ◄ or ► Buttons to set the sleep time. This will set your TV to Standby Mode, if inactive for the selected amount of time; 240 min, 180 min, 120 min, 90 min, 60 min, 30 min, 20 min, and 10 min.

Auto Sleep

Press the ◄ or ► Buttons to set Auto Sleep to on or off. When the setting is set to on, the unit will turn to Standby Mode automatically if there is no signal input for a period of about 5 minutes.

Time Zone

Press the ◄ or ► Button to set your local time zone.

OPTION Menu

To enter the Option Menu, press the **LCD MENU** Button and then press the ◄ or ► Buttons to select the Option Menu.

Press the ▲ or ▼ Buttons to scroll through the settings in the Option Menu.

To return to the Main Menu, press the **LCD MENU** Button or to exit press the **EXIT** Button.

Language

Press the ◄ or ► Buttons to select the OSD (On Screen Display) language.

The default language is English.

Audio Language

Press the ◄ or ► Buttons to select the Audio language. The default language is English.

Subtitle Language

Press the ◄ or ► Buttons to select the Subtitle language. The default language is English.

Country

Press the ◄ or ► Buttons to select the country location.

Restore Setting

Once you have selected the Restore Setting, press the ► Button to confirm. This will begin to reset your TV to the factory default settings and clear any previous settings.

LOCK Menu
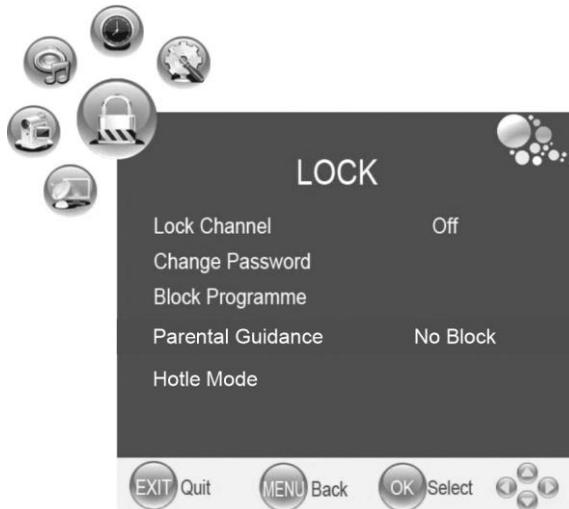
To enter the Lock Menu, press the **LCD MENU** Button and then press the ◄ or ► Buttons to select the Lock Menu.

Press the ▲ or ▼ Buttons to scroll through the settings in the Lock Menu. To return to the Main Menu, press the **LCD MENU** Button or to exit press the **EXIT** Button.

Lock Channel

To lock a channel, press the ◄ or ► Buttons to turn this setting on or off.

Once this is set to on, the setting will be password protected.

Change Password

To change the password, press the **ENTER** or ► Button to select this option and a pop-up menu will appear to enter your new password. The default password is "0000". This will unlock any password protected features if you have not set a password.

Block Program

To block a program, press the **ENTER** or ► Button to enter the program list in Lock Menu. Press the ▲ or ▼ Button to select the channel you want to lock and then press the **Green** Button to block. The lock icon will appear behind the locked channel. To un-lock the channel, select the locked channel and press the **Green** Button again, the lock icon will disappear.

Parental Guidance

Press the ◄ or ► Buttons to set the program rating and to block selected rating programs.

Hotel Mode

Press the **ENTER** or ► Button to enter the Hotel Mode list. Press the ▲ or ▼ Buttons to select the desired setting and set by pressing the ◄ or ► Buttons.
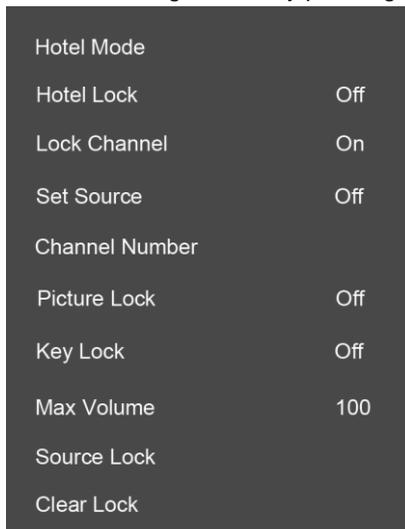
Hotel Mode	
Hotel Lock	Off
Lock Channel	On
Set Source	Off
Channel Number	
Picture Lock	Off
Key Lock	Off
Max Volume	100
Source Lock	
Clear Lock	

Hotel Lock

To set the Hotel Lock Mode, press the ◄ or ► Buttons to turn it on or off.

Lock Channel

To set the Lock Channel Mode, press the ◄ or ► Buttons to turn it on or off.

Set Source

To set the Set Source, press the ◄ or ► Buttons to turn the lock on or off.

Channel Number

Based on whether DTV or ATV source is set, press the ◄ or ► Buttons to set the Channel Number to locked.

Picture Lock

To set the Picture Lock Mode, press the ◄ or ► Buttons to turn it on or off.

Key Lock

To set the Lock Key Lock Mode, press the ◄ or ► Buttons to turn it on or off.

Max Volume

To set the Max Volume Mode, press the ◄ or ► Buttons to turn it on or off.

Source Lock

Press the ► Button to enter into below source lock list:
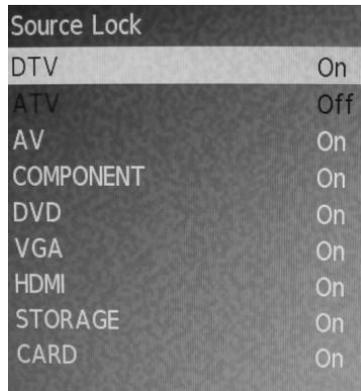
Press the ▲ or ▼ Buttons to select the related source, and set by ◄ or ► Button to on or off source.

Clear Lock

Press the ► Button to clear lock.

EPG Menu

The EPG (Electronic Programme Guide) Menu is used to look at what is being broadcast on a DTV or Radio channel. Press the EPG Button to access the EPG Menu, detailed program information of the channel currently being viewed will be displayed as well as a 7 day guide of is programmed.

To see what is going to be broadcast after the current programme, press the ► Button. Press the◄ Button to move to the current time. To view a different channel, press the ▲ or ▼ Buttons. If you wish to book a program to watch later, press the Blue Button and then press the Green Button to enter the schedule list.

To exit the EPG Menu and watch the selected channel, press the **EPG** or **EXIT** Button.

DVD PLAYER OPERATION

This item incorporates copy protection technology that is protected by U.S. patents and other intellectual property

Basic Operation

1. Press the Input Button on the remote control to select the DVD function mode. Insert a disc into the slot of the DVD Player and it will read the disc automatically.

2. Press the ⏏ Button on the remote control, to eject the disc.

Note: Insert the disc with reflective data side facing to the front of the TV. Some slight picture and sound noises maybe produced when the disc is loading, unloading or during playback. This is normal and can be ignored.

How to Select a Track

If you want to play a selected track or chapter i.e. the second track press the number Button "**2**" directly and then press the **ENTER** Button to play.

How to Pause Play

During play, press the **PLAY/PAUSE** Button once to pause and press again to resume normal playback.

How to Stop Playback

During play, press the **STOP** Button to stop play. To resume play press the **PLAY** Button. Press the **STOP** Button twice to stop play completely and clear play memory. When you press the **PLAY** Button, play will resume from the start of the first track.

Fast Forward/Rewind

Press the ⏩ or ⏪ Buttons to select Fast Forward or Rewind options. Press repeatedly to select desired speed (x2, x4, x8 or x20). Press the ▶❚❚ Button to resume play.

Skip Forward/Skip to Previous Track

Press the ⏭ or ⏮ Buttons to skip to the next track or previous track.

Slow Play

Press the **Slow/Step (>I)** Button in play mode to slow play. You can select the following speeds; 1/2, 1/3, 1/4, 1/5, 1/6 and 1/7. Press the ▶❚❚ Button to resume normal play.

Note: The sound will not available in this mode.

Zoom Picture

This setting allows you to zoom in/out during DVD play. Press the **ZOOM** Button during normal play or when in slow motion. The DVD Player will magnify the center of the picture at 2x, 3x, 4x (Zoom In sizes) and 1/2, 1/3, 1/4 (Zoom Out Sizes).

Repeat Play

You can press the **REPEAT** Button to repeat the play of various sections of your DVD (i.e. Repeat present chapter, present title and whole disc). Press the **REPEAT** Button for a fourth time to cancel repeat play and return to normal play.

Note: For different discs, the REPEAT Button may have a different function.

Repeat A-B Specific Section

You can repeat a specific section by pressing the **A-B** Button on the remote control. Press the **A-B** Button at the beginning of the section you want, and then press it again at the end of the section. The unit will now repeat the selection of play you desire. If you want to cancel the repeat section, press the **A-B** Button once more.

Note: Some discs will not respond to the A-B repeat function.

Mute

Press the **MUTE** Button on the remote control to turn off the sound output only. Press the same Button again to resume sound.

Menu Playback

Press the **D.MENU** Button to display the Disc Menu or return to the DVD root Menu.

Note: For different DVD discs, the D.MENU Button may have different Menu display information.

Title Playback

Press the **TITLE** Button when playing the DVD disc and there will be an indication of the **TITLE** on the screen. Press the ▲, ▼, ◄ or ► Buttons to select your favorite title and press the **ENTER** Button to play from the first chapter of selected title.

Disc Information

During playback, press the **D.DISP** Button on the remote control to show the current information available. The following information will appear – Titles

played, Titles remaining, Ch. played, Ch. remaining and Display off.

Note: For different discs, D.DISP Button may have a different function.

Playing Disc in a Favorite Order

To combine your favorite titles, chapters or tracks and play them in your favorite order, follow the below instructions:

How to Set Titles, Chapters and/or Tracks in your Favourite Order

1. Insert your disc, then press the **PROG** Button and the below Menu will appear on the screen.

PROG							
T C		T C		T C		T C	
1 _ _: _ _		5 _ _: _ _		9 _ _: _ _:		13 _ _: _ _	
2 _ _: _ _		6 _ _: _ _		10 _ _: _ _		14 _ _: _ _:	
3 _ _: _ _		7 _ _: _ _		11 _ _: _ _:		15 _ _: _ _	
4 _ _: _ _		8 _ _: _ _:		12 _ _: _ _		16 _ _: _ _	
		PLAY	**CLAER**				

2. Now you need to input the numbers of your favourite titles and chapters. Then press the ▲, ▼, ◄ or ► Buttons to move the cursor to input the next one.

3. Press the ▲, ▼, ◄ or ► Buttons to select and highlight the word PLAY, then press the **ENTER** Button. The DVD Player will begin play of your favourite tracks.

Notes:

- **When the DVD Player is switched off, or if the disc is removed, the program selected will be deleted.**
- **For different discs this function may be different.**
- **If you press the STOP Button twice the program playing will be cancelled.**

Selecting the Camera Angles Setting

This DVD Player allows you to select from several different angle views.
Press the **ANGLE** Button while in play mode of a scene recorded with multiple angles and you will be able to select the different angle views. You may only press the **ANGLE** Button when the angle icon appears on the DVD display. Each time you press the **ANGLE** Button, the angle will change.

Notes:

- **The angle function will not work on DVDs that do not contain recorded multiple angles.**
- **During pause mode you can still change the camera angles. However, when you resume to normal play, the camera angle will change to the new setting.**
- **The angle icon indicator will illuminate in play mode when at least one scene has been recorded with multiple angles.**

Selecting Subtitles

This DVD Player allows you to display subtitles which are included on the disc.

By Pressing the **SUBTITLE** Button during playback, you have the option to select a preferred subtitle from those included on the DVD video disc. To turn off the subtitle function, press the **SUBTITLE** Button during playback until the subtitles disappears.

Notes:

- **With some DVD discs, you may not be able to turn off the subtitles and they will appear on screen automatically.**
- **As you press the SUBTITLE Button, the subtitles may not appear immediately during some screens.**

Selecting languages

This DVD Player allows you to select preferred languages which are included on Multi-Languages DVDs. To change the language, press the **LANG** Button during play and the current language will be displayed. Press the **LANG** Button again to scroll through the different languages.

Note: For MP3/CD discs, press the LANG Button to switch between different audio channels in sequence.

MP3/JPEG Discs

1. In DVD Mode, insert your MP3 or JPEG CD into the disc slot and the DVD Player will automatically read the disc and the below directory (folder) will be shown on the screen. The first MP3 or JPEG file will be

played automatically.
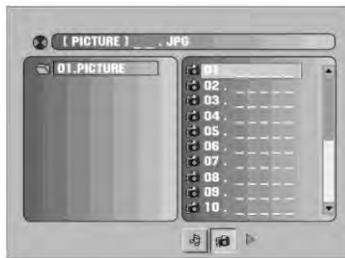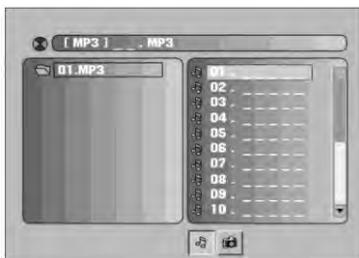
2. Press the ▲,▼,◄ or ►Buttons to select the folder or MP3/JPEG files you wish to play. Press the **ENTER** Button on the remote control to confirm your selection and enter play mode.

3. When playing an MP3 file you can press the ►►I or I◄◄ Buttons during play to skip tracks.

Notes:

● **When playing MP3 Files, there will be no picture display, only audio output.**

● **When viewing JPEG Files, you can press the▲,▼,◄ or ► Buttons to flip or rotate the picture.**

● **When viewing JPEG Files, you can press the D.Menu Button to enter into the picture preview mode. It will display 12 pictures at a time. Press the ►►I or I◄◄ Buttons to select the next or last page. Press the numeric Buttons corresponding pictures you would like to view.**

INTRO Play

Press the **INTRO** Button to preview the first 10 seconds of each MP3 track.

Customising the Function Settings

This DVD Player allows you to customise the performance to your personal preference. See Custom functions on the next page.

Displaying the Setup Menu Screen:

To display the DVD Setup Menu, press the **DVD SETUP** Button. Once in the Setup Menu, press the ▲,▼,◄ or ► Buttons to select and highlight the setting you wish to customise. Press the **ENTER** Button to confirm. To return

to the Main Menu press the **DVD SETUP** Button again or to exit press the
Exit Button.

1. System Setup

TV SYSTEM
This Menu enables you to set the
picture format for your TV/DVD between
NTSC/ PAL/ AUTO according to your
request and local TV system.
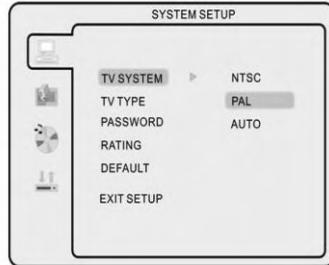
TV TYPE
This Menu enables you to select one of
the three aspect ratios:
4:3 PS / 4:3LB / 16:9
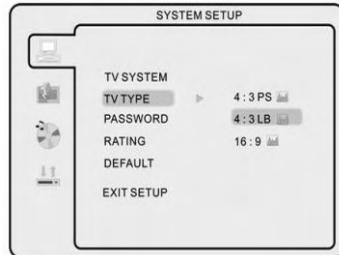
4:3PS(Normal)
Normal Pan and Scan is used for most
normal television broadcasts. It has an
aspect ratio of 4:3. Choose this setting when
viewing movies, the picture will fill the screen
but left and right edges of the picture may be
cut off from the screen.

4:3LB(Normal)
Choosing this setting will allow you to view
movies in their original aspect ratio. The
entire frame of the movie will be displayed on
screen but will occupy a smaller portion.

16:9 (Wide)
Choose this setting if you have wish to view

your TV in widescreen. This setting will allow the original aspect ratio to be displayed.

Note:
- **Playback screen size may be varied according to the disc contents.**
- **For discs with 4:3 contents, using any mode would only display 4:3 screen.**
- **Screen ratio selection should be according to the connected TV or display aspect ratio.**

PASSWORD

This is used to lock and unlock the RATING setting. The default setting is locked. Enter the default password "0000" and then Press the **ENTER** Button to unlock.
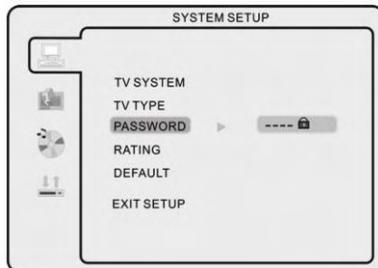

RATING

You can set the rating options according to your preference. The rating restriction is divided into eight different categories from KID SAFE to ADULT. The default setting is ADULT.
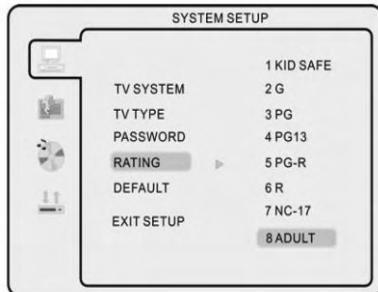
Note: Please refer to PASSWORD to lock/unlock the rating setting.

DEFAULT SETTING

The Default Setting will restore the
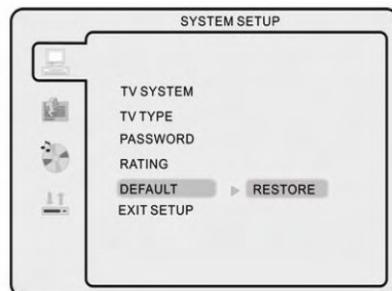
menu settings to the factory default settings. Press the **ENTER** Button to confirm.

Note: The password and Rating setting can not be restored.

2. Language Setup

Press the▲,▼,◄ or ► Buttons to select the LANGUAGE setup icon, press the **ENTER** Button to confirm. You can choose the available languages as displayed on the screen Menu.
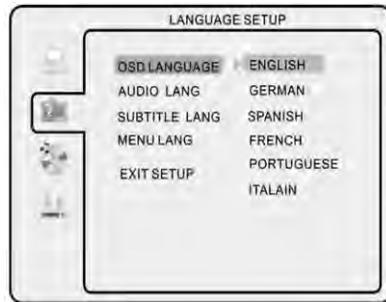
Note: Audio languages, Subtitle languages and Menu languages are DVD specified.

3. Audio Setup
AUDIO OUTPUT

Press the▲,▼,◄ or ► Buttons to select the AUDIO OUT setup icon. Press the **ENTER** Button to confirm.

SPDIF/OFF:
To turn on the Coaxial Output, select this setting. Use this option if you plan to connect to an amplifier or stereo.
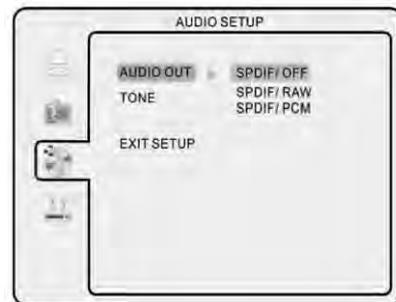
SPDIF/RAW - is not available on this model

SPDIF/PCM
When selected, the audio contained on the disc is passed directly to the Coaxial Output in PCM format. This format ensures a very high quality but it

does not support the surround sound effect. Use this setting when connecting the Coaxial Output to a receiver-amplifier not capable of decoding multi-channel audio.

TONE
Press the ▲, ▼, ◄ or ► Buttons to adjust the Tone setting.
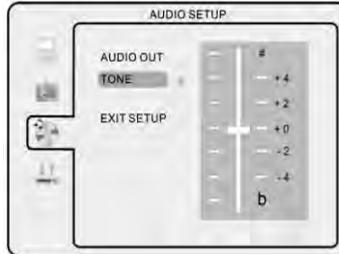
4. Digital Setup

DYNAMIC RANGE
Press the ▲, ▼, ◄ or ► Buttons to adjust the compression ratio for different audio effect. When you select Full, the peak signal value is smallest. When selected OFF, the peak signal value is the biggest.
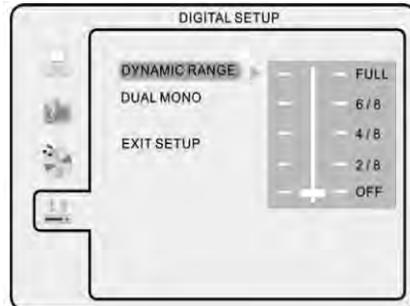
DUAL MONO
Press the ▲, ▼, ◄ or ► Buttons to select the four different audio output modes; STEREO, MONO L, MONO R and MIX MONO.
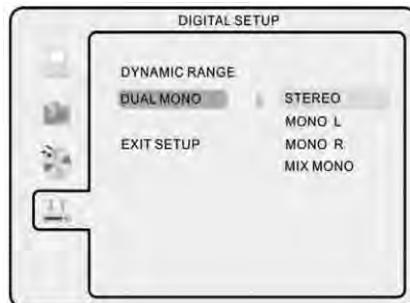
MULTIMEDIA OPERATION

To play files on your USB or SD/MMC card, insert the USB flash stick or SD/MMC card into the inputs provided. Then press the Input Button on remote control to select STORAGE or CARD source and enter into Multimedia Menu. See below the Menu options.

Photo - Press the ◄ or ► Buttons to select the Photo Menu. Then press the **ENTER** Button to enter the Menu. Press the ▲ or ▼ Buttons to select the image file you wish to play. Press the **EXIT** Button to go back to previous Menu.

Music

Press the ◄ or ► Buttons to select Music Menu and then press the **ENTER** Button to enter the Menu. Press the ▲ or ▼ Buttons to select file you wish to play. Press the **EXIT** Button to go back to previous Menu.

Movie

Press the ◀ or ▶ Buttons to select Movie Menu and then press the
ENTER Button to enter the Menu. Press the ▲ or ▼ Buttons to select the
file you wish to play. Press the **EXIT** Button to go back to previous Menu.

Multimedia Files Basic Operation

Please follow the DVD Basic Operations.

Other Operation

Headphone Operation

This unit includes a Headphone Input. You can connect headphones via a
3.5mm headphone jack into the input provided. Once plugged in, the speaker
output will turn off automatically.

PC Audio In Operation

This unit has a PC Audio Input. Connect the TV to your PC via the VGA input
and cable (not included). Ensure the unit is in PC mode and adjust the
volume before connecting.

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Troubleshooting

If you have any issues or queries about the functions of this TV, please check the below table as we have provided you with FAQs to assist with any issues. If this table is not of assistance, please contact the Grundig warranty line.

DVD Player

Issue	Solution
No Sound	Check that your audio cables have been connected firmly. Check that the Mute setting is not on and that your DVD Setup Audio Settings are correct. Conduct a restore setting to return settings back to the factory default and clear any incorrect settings.
No picture	Check that your cables have been connected firmly. Check that your DVD Setup Audio Settings are correct. Conduct a restore setting to return settings back to the factory default and clear any incorrect settings.
Disc is playing abnormally	Remove the disc from the DVD player and make sure there are no scratches or marks on the Disc. Clean the DVD with a dry soft cloth. Try to play another DVD to find source of issue.
Disc is will not play	Check that the disc has been inserted with the silver data side facing the front of the unit. Clean the DVD with a dry soft cloth. Try to play another DVD to find source of issue.
Remote control is not responding	Make sure there are no obstacles in the way of the remote control and the sensor. Check the batteries, as they may need to be changed. Move closer to the remote sensor.
The unit is not working.	Turn off the unit on the remote and at the wall socket. Pull out the power plug. Wait 60 seconds and then plug the power cord back in turn the power and unit back on.

TV

Issue	Solution
No power	Turn off the unit on the remote and at the wall socket. Pull out the power plug. Wait 60 seconds and then plug the power cord back in turn the power and unit back on.
No picture	Check that your cables and antenna have been connected firmly. Check that your DVD Setup Audio Settings are correct. Conduct a restore setting to return settings back to the factory default and clear any incorrect settings.
No sound	Check that your audio cables have been connected firmly. Check that the Mute setting is not on and that your DVD Setup Audio Settings are correct. Conduct a restore setting to return settings back to the factory default and clear any incorrect setting.
Color distortion	Ensure that the equipment is connected properly. Ensure that the AV video signal input is connected properly.
Remote control is not responding	Make sure there are no obstacles in the way of the remote control and the sensor. Check the batteries, as they may need to be changed. Move closer to the remote sensor.
Screen glittering under PC mode	Reset the computer and enter into the safety mode, then select the appropriate screen type by consulting the PC operation manual.
Screen traversed under PC mode	The phase is not appropriate. Enter into the PC setting and change to correct level.

Specifications

Model No.		GLCD2208HDV
LCD	Screen size	22 inch
	Screen format	16:9
	Resolution	1680*1050
	Contrast	1000:1
	Brightness	300 cd/m²
	Display colours	16.7M
	View angle	160° (horizontal) / 160° (vertical)
	Response time	5 ms
TV	TV system	DTV: DVB-T ATV: PAL I/BG/L/DK
	DTV decode	Audio: MPEG2 Audio Layer I&II Video: MPEG2 Transport MP@HL
	DTV de-mod.	Demodulator : COFDM OFDM Mod.: 2K, 8K FFT, SFN and MFN Packed Carries: 2K/8K Guard Interval: 1/4, 1/8, 1/16, 1/32
	Tuner	Integrated and frequency synthesis
DVD	Compatible with CD/MP3/WMA/JPEG/VCD/DVD formats	
USB/SD/MMC	Compat ble with MPEG4/MPEG2/MPEG1/BMP/PNG/JPG/MP3/WMA/AAC	
Terminals	DC 12V	X 1
	HDMI	X 1
	PC VGA	X 1
	YPbPr input	X 1
	AV input	X 1
	PC audio in	X 1
	Coaxial output	X 1
	RF input	X 1
	Earphone out	X 1
	SD/MMC Card Reader	X 1
	USB	X 1
	DVD AV output	X 1
Audio output		2 X 3W (rms)
Gross weight		8.6 Kgs
Power supply		DC 12V 5A, AC110~240V, 50Hz/60Hz
Power Consumption		Max 60W

* Design and specifications are subject to change without prior notice.

Model No.		GLCD1908HDV
LCD	Screen size	19 inch
	Screen format	16:9
	Resolution	1440*900
	Contrast	1000:1
	Brightness	300 cd/m²
	Display colours	16.7M
	View angle	160° (horizontal) / 160° (vertical)
	Response time	5 ms
TV	TV system	Digital: DVB-T/ Analog: PAL I/BG/L/DK
	DTV decode	Audio: MPEG2 Audio Layer I&II Video: MPEG2 Transport MP@HL
	DTV de-mod.	Demodulator : COFDM OFDM Mod.: 2K, 8K FFT, SFN and MFN Packed Carries: 2K/8K Guard Interval: 1/4, 1/8, 1/16, 1/32
	Tuner	Integrated and frequency synthesis
DVD	Compatible with CD/MP3/WMA/JPEG/VCD/DVD formats	
USB/SD/MMC	Compat ble with MPEG4/MPEG2/MPEG1/BMP/PNG/JPG/MP3/WMA/AAC	
Terminals	DC 12V	X 1
	HDMI	X 1
	PC VGA	X 1
	YPbPr input	X 1
	AV input	X 1
	PC audio in	X 1
	Coaxial output	X 1
	RF input	X 1
	Earphone out	X 1
	SD/MMC Card Reader	X 1
	USB	X 1
	DVD AV output	X 1
Audio output		2 X 3W (rms)
Gross weight		7.4 Kgs
Power supply		DC 12V 4.16A, AC110~240V, 50Hz/60Hz
Power Consumption		Max 48W

* Design and specifications are subject to change without prior notice.

Display modes

Resolution	Horizontal Freq. (KHz)	Vertical Freq. (Hz)
720x400	31.5	70
640x400	31.5	70
640x480(VGA)	31.5	60
640x480(VGA)	37.9	72
640x480(VGA)	37.5	75
800x600(SVGA)	37.9	60
800x600(SVGA)	47.2	72
800x600(SVGA)	46.9	75
1024x768(XGA)	48.4	60
1024x768(XGA)	56.5	70
1024x768(XGA)	60.0	75
1280x1024(SXGA)	63.5	60
1280x1024(SXGA)	80.0	75

1. Display modes which are not listed in the above table, may not be supported, by this unit. For an optimal picture it is recommended to choose a mode listed in the table above.
2. There are 13 available modes compatible with windows for PC connection.
3. There can be image disruption in PC mode. This can occur as result of a signal from the VGA card, which does not correspond with the usual standard. This is not, however, an error. You can improve this situation by altering any automatic setting or by manually changing the phase setting and the pixel frequency Menu.
4. If you switch off the TV, interference lines can occur on your screen. This is not, however, an error.
5. To extend the service life of the product, we recommend that you use your computer's power management function.
Note: Design and specifications are subject to change without notice.

Warranty

Please keep your receipt as proof of purchase. This product is warranted for any defect in materials or workmanship for three years after the original date of purchase. This product is for normal domestic and office use only. This warranty does not cover damage from misuse or neglect , accidental damage, vermin infestation, excessive voltages such us lightning or power surges or any alternation that affects the performance or reliability of the product.

In the unlikely event that your product fails to work normally, please contact **Grundig Warranty on 1800 509 394 (Australia) or 0800 450 259 (New Zealand)** and have your receipt of purchase on hand.

This guarantee is subject to the following provisions:

● It is only valid within boundaries of the country of purchase;

● The product must be correctly assembled and operated in accordance with the instructions contained in the manual;

● This product must be used solely for domestic purposes;

● The guarantee does not cover accidental damage;

● The guarantee will be rendered invalid if the product is resold or has been damaged by inexpert repair;

● The manufacturer disclaims any liability for incidental or consequential damaged.

This guarantee is in addition to, and does not diminish, your statutory or legal rights.

PO BOX 6287
Silverwater   NSW   1811
www.grundig.net.au
Grundig Warranty: 1800 509 394 Australia
Grundig Warranty: 0800 450 259 New Zealand

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