

Wharfedale

2.1 HDMI DVD HOME CINEMA KIT



USER MANUAL

MODEL: DS-5957 + AL-604



N Please read all warnings and instructions carefully before operating this unit.

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The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.



The symbol for CLASS II (Double Insulation).

WARNING:

TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE, DANGEROUS HIGH VOLTAGES ARE PRESENT INSIDE THE ENCLOSURE. DO NOT OPEN THE CABINET, REFER SERVICING TO QUALIFIED PERSONNEL ONLY.

CAUTION:

When replace the direct plug in power supply or a separable, cord-connected power supply, the replacement must be exact duplicate, or one recommended by the manufacturer.

TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT, FULLY INSERT.

This product utilizes a laser.

Use of controls or adjustments or performance of procedures other than those specified here in may result in hazardous radiation exposure.

Do not open the cover and do not repair yourself. Refer servicing to qualified personnel.

DANGER: Visible and invisible laser radiation when open and interlock failed or defeated. Avoid direct exposure to beam.



This product incorporates copyright protection technology that is protected by method claims of certain U. S. Patents and other intellectual property rights owned by Macrovision Corporation and other rights owners. Use of this copyright protection technology must be authorized by Macrovision Corporation, and is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision Corporation. Reverse engineering or disassembly is prohibited.

Consumers should note that not all high definition television sets are fully compatible with this product and may cause artifacts to be displayed in the picture.

In case of 525 or 625 progressive scan picture problems, it is recommended that he used switch the connection to the "standard definition" output. If there are questions regarding our TV set compatibility with this model 525p and 625p DVD player, please contact our customer service centre.



Manufactured under license from Dolby Laboratories. "Dolby" and the double-D symbol are trademarks of Dolby Laboratories. Confidential unpublished works. Copyright 1992-1997 Dolby Laboratories. All rights reserved.



Disposal of your old appliance

1. When this crossed-out wheeled bin symbol is attached to a product, it means the product is covered by the European Directive 2002/96/EC.
2. All electrical and electronic products should be disposed of separately from the municipal waste stream via designated collection facilities appointed by the government or the local authorities.
3. The correct disposal of your old appliance will help prevent potential negative consequences for the environment and human health.
4. For more detailed information about disposal of your old appliance, please contact your city office, waste disposal service or the shop where you purchased the product.

CAUTION: PLEASE READ AND OBSERVE ALL WARNINGS AND INSTRUCTIONS GIVEN IN THIS MANUAL AND THOSE MARKED ON THE UNIT. RETAIN THIS BOOKLET FOR FUTURE REFERENCE.

This set has been designed and manufactured to assure personal safety. Improper use can result in electric shock or fire hazard. The safeguards incorporated in this unit will protect you if you observe the following procedures for installation, use and servicing. This unit is fully transistorized and does not contain any parts that can be repaired by the user. **DO NOT REMOVE THE CABINET COVER OR YOU MAY BE EXPOSED TO DANGEROUS VOLTAGE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL ONLY.**

1. Read these manuals

After unpacking this product, read the manual carefully. Follow all the operating and other instructions.

2. Ventilation

Slots and openings in the cabinet are provided for ventilation and to ensure operation of the product. These protect it from overheating. These openings must not be blocked or covered. The openings should never be blocked by placing the product a Bed, sofa, rug or other.

3. Heat

The product should be situated away from heat sources such as radiators, heat registers, stoves, or other products (including amplifiers) that produce heat.

4. Water and Moisture

Do not use this product near water for example, near a bathtub, wash bowl, kitchen sink, or laundry tub, in a wet basement or near a swimming pool. The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.

5. Cleaning

Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a dry cloth for cleaning.

6. Power-cord protection

Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them. Paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the product.

7. Lightning

For added protection for this product during storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet. This will prevent damage to the product due to lightning and power-line surges.

8. Object and Liquid entry

Never push objects of any kind into this product through openings as they may touch dangerous voltage points or short-out parts that could result in a fire or electric shock. Never spill liquid of any kind on the product.

9. Attachments

Do not use attachments not recommended by the product manufacturer as they may cause hazards.

10. Accessories

Do not place this product on an unstable cart, stand, tripod, bracket, or table. The product may fall, causing serious injury to a child or adult, and serious damage to the product. Use only with a cart, stand, tripod, bracket, or table recommended by the manufacturer, or sold with

the product. Any mounting of the product should follow the manufacturer's instructions, and should use a mounting accessory recommended by the manufacturer. A product and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the product and cart combination to overturn.

**11. Disc tray**

Keep your fingers well clear of the disc tray as it is closing. Neglecting to may cause serious personal injury and damage to the product.

12. Burden

Do not place a heavy object on or step on the product. The object may fall causing serious personal injury and serious damage to the product.

13. Damage Requiring Service

Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:

- a) When the power-supply cord or plug is damaged.
- b) If liquid has been spilled, or objects have fallen into the product.
- c) If the product has been exposed to rain or water.
- d) If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions as an improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to its normal operation.
- e) If the product has been dropped or damaged in any way.
- f) When the product exhibits a distinct change in performance - this indicates a need for service.

14. Servicing

Do not attempt to service this product yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.

15. Replacement Parts

When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, or other hazards.

16. Safety Check

Upon completion of any service or repairs to this product, ask the service technician to perform safety checks to determine that the product is in proper operating condition.

17. Other

Cutting the power only when plug of apparatus is pulled out, so please make sure the plug can be pulled out from the socket easily.

NOTES ON HANDLING

- The top and rear panels of the unit may become warm after a long period of use. This is not a malfunction.
- When the unit is not used, be sure to remove the disc and turn off the power.
- If you do not use the unit for a long period, the unit may not function properly in the future. Turn on and use the unit occasionally.
- Do not place foreign objects on the tray.

LOCATION

- Do not locate the unit in places such as:
- Near heating devices or in enclosed car.
 - High temperature (40° C or higher) or high humidity (90% or higher).
 - Dirty places.
 - Avoid direct exposure to sunshine

DISTURBANCE

When you place this unit near a TV, radio or VCR, the playback picture may become poor and the sound may be distorted. In this case, place the unit away from the TV, radio or VCR.

NOTES ON MOISTURE CONDENSATION

- The pickup may be condensed with water under the following situation.
- When you bring the unit directly from a cold place to a warm place.
 - When you use the unit in a room where you just turned on the heater, or a place where the cold air from the air conditioner directly hits the unit.
 - During the summer, when you use the unit in a hot and humid place just after you move the unit from an air conditioned room.
 - The room is vaporous or damp.

If condensation exists, the unit will not operate properly. Remove the disc, connect the power cord of the unit to the wall outlet, turn on the unit, and leave it for two or three hours. After two or three hours, the unit will have warmed up and evaporated any moisture. Keep the unit connected to the wall outlet and moisture condensation will seldom occur.



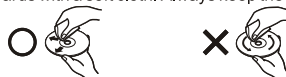
ON HANDLING DISCS

- Do not touch the playback side of the disc.
- Do not attach paper or tape to disc.



ON CLEANING DISCS

- Fingerprints and dust on the disc cause picture and sound deterioration. Wipe the disc from the centre outwards with a soft cloth. Always keep the disc clean.



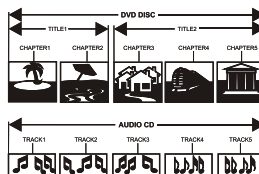
- If you can not wipe off the dust with a soft cloth, wipe the disc lightly with a slightly moistened soft cloth and finish with a dry cloth.
- Do not use any type of solvent such as thinner, benzene, commercially available cleaners or antistatic spray for vinyl Lps. It may damage the disc.

ON STORING DISCS

- Do not store discs in a place subject to direct sunlight or near heat source.
- Do not store discs in place subject to moisture and dust such as a bathroom or near a humidifier.
- Store discs vertically in a case. Stacking or placing object on discs outside or their case may cause warping.

STRUCTURE OF DISC CONTENTS



Normally, DVD discs are divided into titles, and the titles are sub-divided into chapters. Audio CD are divided into tracks.



Each title, chapter, or track is assigned a number, which is called title number, chapter number or track number respectively. There may be discs that do not have these number.

Getting Started


Disc types

	Audio & Video	Disc size 12cm single side, single layer / single side, double layer PAL and NTSC DVD disc Playback time 135min / 240min max.
	Audio	Disc size 12cm / 8cm CD disc Playback time 74min/20min max.
JPEG	Picture	JPG format disc

* Player is DVD-Video, DVD+/-R, DVD+/-RW, VCD, CD-DA, CD-R, CD-RW compatible.

Region Management Information

This DVD Player is designed and manufactured to respond to the Region Management Information that is recorded on a DVD disc. If the Region number described on the DVD disc does not correspond to the Region number of this DVD Player, this DVD player cannot play that disc.

This Region number of this DVD player is  .

ACCESSORIES

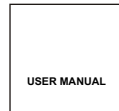
- Audio/Video cable 1
- User Manual..... 1
- Remote control 1
- Batteries..... 2



Two batteries



Audio/Video cable



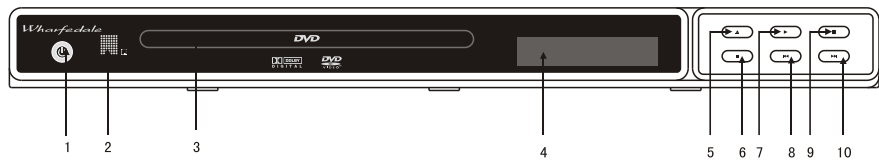
USER MANUAL

USER MANUAL



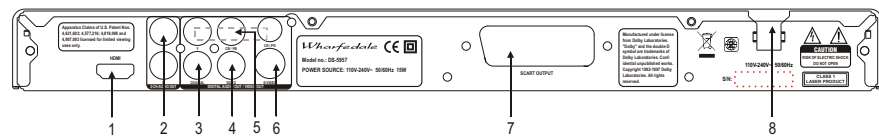
Remote control

FRONT PANEL



- | | |
|--------------------------|-------------|
| 1. STANDBY | 6. STOP |
| 2. REMOTE CONTROL SENSOR | 7. PLAY |
| 3. TRAY | 8. PREVIOUS |
| 4. LED SCREEN | 9. PAUSE |
| 5. OPEN/CLOSE | 10. NEXT |

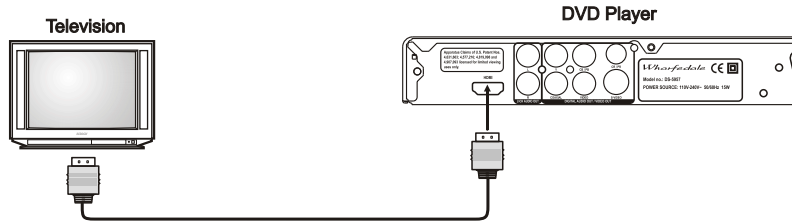
REAR PANEL OUTPUT



- | | |
|-------------------|---------------------------|
| 1. HDMI OUTPUT | 5. Y, CB/PB, CR/PR OUTPUT |
| 2. CHANNEL OUTPUT | 6. S-VIDEO OUTPUT |
| 3. COAXIAL OUTPUT | 7. SCART OUTPUT |
| 4. VIDEO OUTPUT | 8. POWER LINE INPUT |

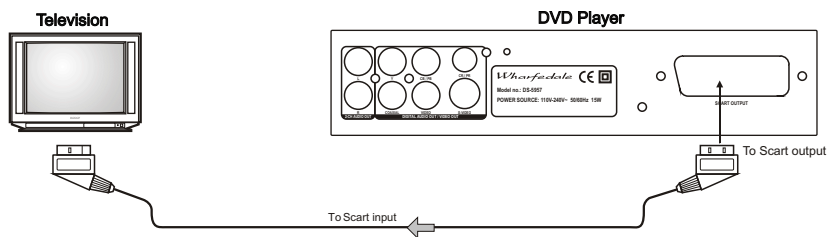
BASIC CONNECTION

● **Connecting to a devices with HDMI faucet**

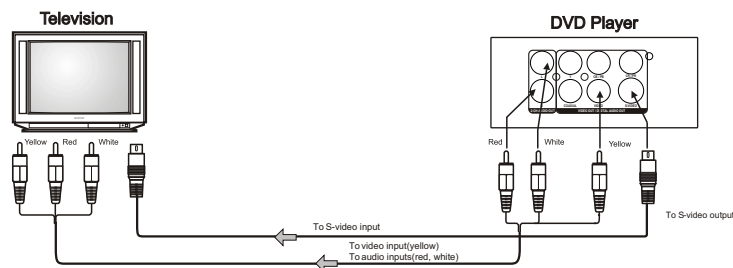


Easy DVD hook-up guide: For the best possible picture, simply follow these guidelines and use the best cables your TV accepts: Normal: Composite video Good: S-video
 Better: Component video Best: HDMI video
 HD DVD playback: Enjoy your entire DVD collection in brilliant high definition format. This DVD player upconvert DVDs to your HDTV's native resolution, whether it's 480p, 720p, 576p or 1080i.
 HDMI output: Use this output for HD conversion and experience stunning HD images and crisp digital audio.

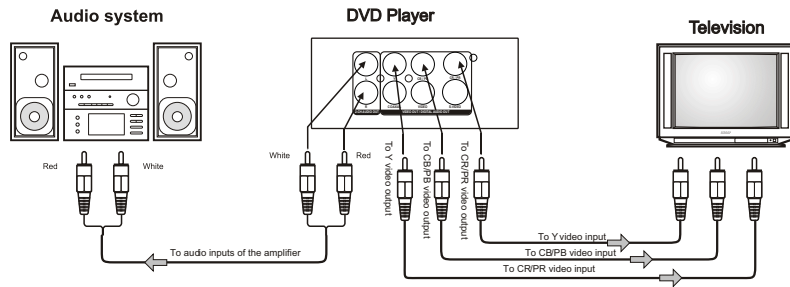
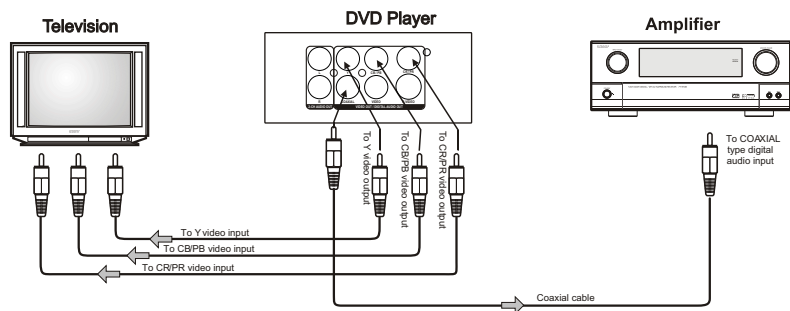
● **Connecting to a TV with Scart cable**



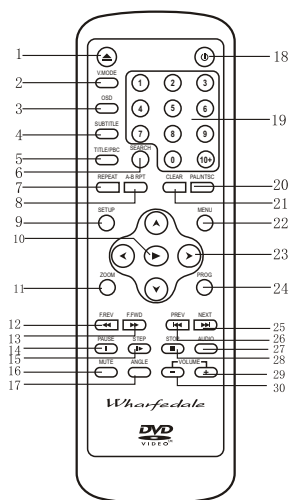
● **Connecting to a TV with Audio/Video cable**



If the TV has an S-video input, connect the DVD player with an S-video cable.
 When using an S-video cable, do not connect the yellow video cable.

● Connecting to a audio system and TV equipped with YUV video input**● Connecting to an amplifier equipped with a digital audio input and TV**

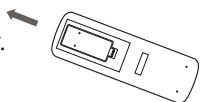
REMOTE CONTROL



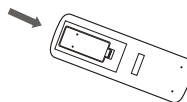
Function	Function
1. OPEN/CLOSE DISC TRAY	16. MUTE
2. V.MODE	17. ANGLE
3. OSD (On Screen Display)	18. STANDBY
4. SUBTITLE	19. DIGITS AND 10+ BUTTONS
5. TITLE/PBC	20. PAL/NTSC
6. SEARCH	21. CLEAR
7. REPEAT	22. MENU
8. A-B REPEAT	23. CURSOR
9. SETUP	24. PROGRAM
10. ENTER/PLAY	25. NEXT
11. ZOOM	26. PREVIOUS
12. FAST REVERSE	27. AUDIO
13. FAST FORWARD	28. STOP
14. PAUSE	29. VOLUME +
15. STEP	30. VOLUME -

Loading Batteries

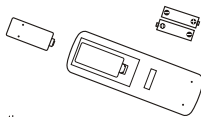
1. Open the cover.



3. Close the cover.



2. Insert batteries.



Make sure to match the + and - on the batteries to the marks inside the battery compartment.

Notes on batteries

- Do not insert batteries into the remote control in the wrong direction.
- Do not charge, heat, open, or short-circuit the batteries. Do not throw batteries into a fire.
- Do not use different types of batteries together, or mix old and new batteries.
- If the remote control does not function correctly or if the operating range becomes reduced, replace all batteries with new ones.

Preparations

- When you want to view a disc, turn on the TV and select the video input connected to the DVD player.

Basic playback

1. Press STANDBY in the front panel, the DVD player turns on and the TV screen will display the start logo. If a disc is already in the tray, it will begin to play once the power is on.
2. Press OPEN/CLOSE ▲ to open the disc tray, place a disc on the disc tray.
 - There are two different disc sizes. Place the disc in the correct guide on the disc tray. If the disc is out of the guide, it may damage the disc and cause the DVD player to malfunction.
 - Do not place a disc which is unplayable in this DVD player.
3. Press OPEN/CLOSE to close the disc tray, the playback will automatically start.
 - Some discs may not playback automatically, you can press ENTER/PLAY button to start playback.
4. Some discs may start playback with a menu, use the cursor button on the remote control to select menu options and press ENTER/PLAY to start, or press digits to select a menu options directly.

Stop playback

1. Press STOP ■ button to go to stop mode, the TV screen will show the start logo. With certain disc types, such as DVD, the player can resume from the point where it was stopped.
2. Press ENTER/PLAY to resume playback from the location where playback is stopped or from the beginning of the disc.
3. Press STOP twice to stop completely.

Previous and Next

During playing, press PREV ◀◀ key can back to start of this chapter, then each press this key will skip a chapter until the start of the disc.

Each press of NEXT ▶▶ key during playing will skip the current chapter and play the next one.

Fast forward and Fast reverse

1. Press F.FWD ▶▶ to fast forward through the disc. Each time the F.FWD ▶▶ button is pressed, the fast forward motion speed changes.
2. Press ENTER/PLAY to resume normal playback.
3. Press F.REV ◀◀ to fast reverse through the disc. Each time the F.REV ◀◀ button is pressed, the fast reverse motion speed changes.
4. Press ENTER/PLAY to resume normal playback.

Pause playback

1. Press PAUSE || to pause playback (still mode). The sound will be muted during still mode.
2. Press ENTER/PLAY or PAUSE to resume normal playback.

Single step playback

1. Press STEP ||► continuous to single step forward to the next frame in the video.
2. Press ENTER/PLAY to resume normal playback.

NOTES:

1. "⊘" may appear on the TV screen during operation. A "⊘" means that the operation is not permitted by the unit or the disc.

IMPORTANT NOTE:

THE FOLLOWING FUNCTIONS ARE APPLICABLE ONLY TO DVD DISCS. IF OTHER DISC FORMATS ARE PLAYED, SCREEN DISPLAY AND OPERATION WILL BE DIFFERENT.

V.MODE

This button can set VIDEO output among "CVBS" , "YUV" , "RGB" , "P-Scan" or "HDMI" .

Note: The screen disappear when press this button, press this button continuously until the screen turn normal.If there are picture interferences or no picture, please press "V.MODE" to correct it.

OSD

Press this button and the screen will display some information about disc, such as : " Title Elapsed " , " Title Remain " , " Chapter Elapsed " , " Chapter Remain " and " Display Off " .

SUBTITLE

Press this button and the screen will display "SUBTITLE 01/XX XXXXX", "01" indicates the ordinal number of this language; "XX" indicates total number of language; "XXXXXX" indicates the language of country. (The number of language depends on disc).

TITLE/PBC(Playback Control)

According to some DVD discs, pressing this button will display the title menu, you can then press the digits to select the preferred chapter.

The PBC allows the user to play Video CDs interactively. If PBC is ON, the user can use the digits buttons to select track only in the menu, if PBC is OFF, the user can select the track directly.

ZOOM

Press this button to zoom into the picture. Each time the button is pressed, the magnification level will change.

CLEAR

This button can be used to clear any incorrect information that may have been input.

PAL/NTSC

Press this button will switch among NTSC, PAL and MULTI(AUTO).

SEARCH

Press this button one time, the screen will display search menu, the second will cancel. in search menu, you can use UP/DOWN cursor button to select item what you wanted, Then press ENTER/PLAY button to confirm.

REPEAT

Press REPEAT and Chapter repeat will be displayed on screen, the second press will display Title repeat, the third press will display All repeat, the four press will cancel repeating.

A-B REPEAT

Press "A-B RPT " to begin start-point, press again to set an end point and complete setting. The selected section A-B will be repeated. The third press will cancel this function.

MENU

Press this button to display root menu, select item according to your preference. (This key is valid to DVDs possessing multi-layer menu.)

PROGRAM

Press this button and the screen will display info window , press digits button to input the program number what you want, when finished, move the cursor to select the " Start " logo, at this time the unit will start program playback and the screen will display "Program" logo.

If you want to cancel this function, press " STOP " and then press ENTER/PLAY .

ANGLE

For discs with this feature, pressing this key to view action from different angles.(Depending on the DVD)

VOLUME and MUTE

Press "+" at the right of VOLUME to increase volume, "-" to decrease to volume. The first press of MUTE will display MUTE (no voice), the second press will return to normal playback.

AUDIO CHANNEL CHOOSE

Press this button on remote control to change the mode of audio.

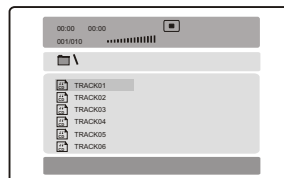
For example: Audio 1/2: AC 3 2 CH English
Audio 2/2: AC 3 5.1 CH English

Note: When press this button continuously, you must above 3 seconds interval.

AUDIO CD PLAYBACK

When playing Audio CD disc, a navigation menu will be displayed automatically if the disc is loaded in succession.

In the menu, use UP or DOWN button in the cursors to select the file, then press "ENTER/PLAY" to play this file. In this page, press PREV or NEXT can go to the previous or next page.

**JPEG DISC PLAYBACK**

When playing JPEG disc, a navigation menu will be displayed automatically if the disc is loaded in succession. In the menu, use UP or DOWN in the cursor to select a file, then press "ENTER/PLAY", the file will be play with a slide-show. Press PREV or NEXT to select the previous or the next picture. Press PAUSE to pause the current picture for enjoying, when press ENTER/PLAY, it will return to normal playing. Press ZOOM to start zoom function. When ZOOM is on, press F.REV and F.FWD to select different enlargement ratio, When ZOOM is on, press CURSOR key can move the enlargement picture.

HDMI FUNCTION

HDMI, Hi Definition Digital Multimedia Interface supports EDID and DDC2B. This connection operates quickly and conveniently, providing the best in both audio and video playback.

HDMI can transfer uncompressed, high-resolution picture and multi-channel audio digitally up to speeds of 5 GBps. HDMI can support all ATSC HDTV standards not only meet resolution 1080i, which can supply the highest picture quality. but also support DVD Audio and other most advanced digital audio format, and support 8 channel 96kHz digital audio transmission. You only need one HDMI line connected, relieve audio connected. At the same time, the spare space which HDMI standard supplied can apply in the video updating. HDMI can collocate with HDCP (High-bandwidth Digital Content Protection), avoid copyright film being copied without authorization.

SYSTEM SETUP

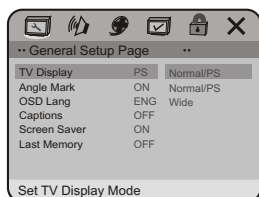
- When you press **SETUP** button on the remote control, the setup menu will be displayed. It include General Setting , Audio Setup , Video Setup, Preference Setup, Password Setup and Exit Setup menu.

- Within the setup menu, you can use UP, DOWN, LEFT and RIGHT buttons on the remote control to move the cursor, and then press the ENTER/PLAY button to make your selection. Press LEFT can return to the previous menu.
- To exit setup menu, you can select the exit setup menu or press SETUP button.

1. GENERAL SETUP PAGE

Setup TV screen format, video type and all DVD functions.

1.1 TV DISPLAY



The TV Display which select the different ratio of display format and the screen of TV, There are various types of display on screen for different matches between Disc and TV.

Note:

- No matter which display format is selected, a picture recorded in standard 4:3 format always displays in the 4:3 aspect ratio.
- The display format of DVD titles may vary; please refer to the information that accompanies your specific DVD title.
- If the DVD title is recorded in 16:9 wide display format while the TV is a standard 4:3 screen, horizontal compression of the image will result.
- Some DVD titles may be recorded in special formats. In such cases, the DVD titles will always appear on the screen in their original format, regardless of which TV display format you select.

1.2 ANGLE MARK

ANGLE MARK: Users can select a particular camera angle when playing a DVD which offers multiple angles.

1.3 OSD LANGUAGE

On Screen Display (OSD) Language: Users can select the whole setup menu and on-screen display language.

1.4 CAPTIONS

CAPTIONS: For hearing-impaired people, the picture can be displayed with recorded explanatory captions.

1.5 SCREEN SAVER

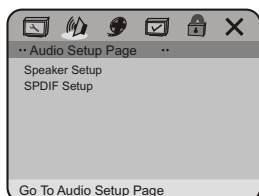
SCREEN SAVER: If the screen saver is on, then there will be an animated picture on the screen whenever the DVD player is idle for a certain time.

1.6 LAST MEMORY

LAST MEMORY: This function is convenient when you want to continue viewing a disc from the point where you were watching before. Unlike the resume function, the Last Memory function is effective even the DVD is removed from the player.

- When Last Memory is ON. Each time when you open the tray to remove the disc.

2. AUDIO SETUP PAGE



This DVD player includes three kinds of audio output:
 1. **SPDIF OFF:** An analog surround sound format is output through the back-panel connections for L, R.
 2. **SPDIF/RAW or SPDIF/PCM:** This surround sound format is output to a Dolby Digital decoder through the coaxial connectors on the back-panel of the product.

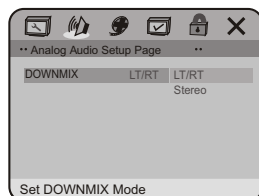
Note:
 The DVD player simultaneously outputs a Dolby Digital signal and an analog signal, but you have to select the Analog output if you want to take advantage of the Karaoke effects.

2.1 SPEAKER SETUP PAGE

2.1.1 DOWNMIX SETUP

DOWNMIX MODE: sets front speakers to LT/RT STEREO.

- The first 2 settings (LT/RT,STEREO) downmix the sound Signal for 2-Speakers. This setting allows you to enjoy a surround sound effect with only two speakers. For this reason a setup for additional speakers (described in the following sections) is disabled when DOWNMIX MODE is set to these settings.



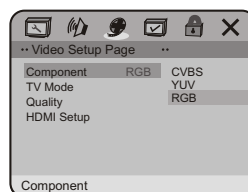
2.2.2 LPCM OUTPUT

LPCM (Linear Pulse Code Modulation) OUTPUT:
 Includes LPCM 48K and LPCM 96K for audio format.

3. VIDEO SETUP PAGE

3.1 COMPONENT

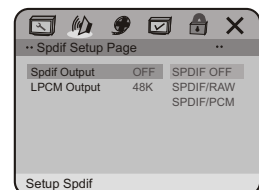
COMPONENT : Sets the video output. (The HDMI option must select "OFF", the COMPONENT option is valid.)



2.2 SPDIF SETUP PAGE

2.2.1 SPDIF OUTPUT

SPDIF OUTPUT MODE: Sets the audio outputs.



CVBS: Set to COMPOSITE Output
 YUV: Set to COMPONENT Output
 RGB: Set to RGB Output

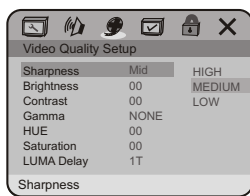
3.2 TV MODE SETUP

TV MODE: Sets the scan mode to same of your TV. If there are picture interferences or no picture, please press "V.MODE" to correct it.(The component option must select "YUV" , the TV MODE option is valid.)

3.3 Video Quality SETUP PAGE

3.3.1 SHARPNESS

SHARPNESS: Sets the sharpness level of video output.



3.3.2 BRIGHTNESS

BRIGHTNESS: Sets the brightness level of video output.

Press right button the TV will display a value
Press LEFT/RIGHT button to adjust, then press ENTER/PLAY button to confirm and return upon menu.

3.3.3 CONTRAST

CONTRAST: Sets the contrast level of Video output.

Press right button the TV will display a value
Press LEFT/RIGHT button to adjust, then press ENTER/PLAY button to confirm and return upon menu.

3.3.4 GAMMA

GAMMA: Sets the gamma value of the Video.

3.3.5 HUE

HUE: Sets the hue value of the Video.

Press right button the TV will display a value
Press LEFT/RIGHT button to adjust, then press ENTER/PLAY button to confirm and return upon menu.

3.3.6 SATURATION

SATURATION: sets the saturation of the video.

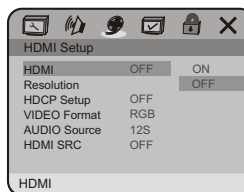
Press right button the TV will display a value
Press LEFT/RIGHT button to adjust, then press ENTER/PLAY button to confirm and return upon menu.

3.3.7 LUMA DELAY

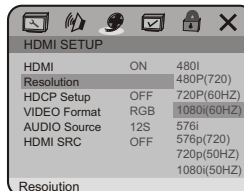
LUMA (Luminance) DELAY: Sets the luminance delay of video output depend on the TV's brightness, color. It sets 1T commonly for DVD.

3.4 HDMI SETUP PAGE

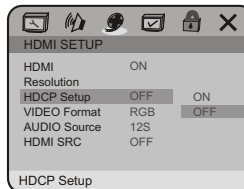
3.4.1 HDMI



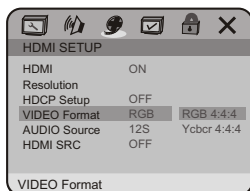
3.4.2 RESOLUTION



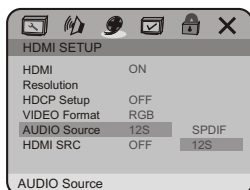
3.4.3 HDCP Setup



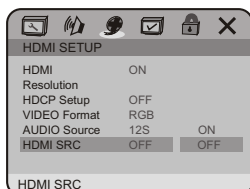
3.4.4 VIDEO Format



3.4.5 AUDIO SOURCE



3.4.6 HDMI SRC



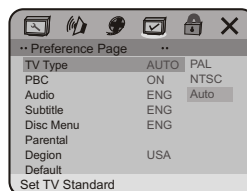
4. PREFERENCE SETUP PAGE

The preference setting is active only when no disc or stop completely, and the setting is effective on next time power on till exchanging the saved setting.

4.1 TV TYPE

TV TYPE: This player supports different TV output, including MULTI(Auto), NTSC, and PAL systems.

- If your TV support only NTSC or PAL and had you inadvertently selected the wrong TV type, the TV screen will become flickering and black-and-white. In this case, you should press the SETUP button to set as following **Note**.



Note: How to Set the TV Type?

- You may switch the NTSC/PAL setting of the DVD player to match the video signal of your TV.
- The table below shows what kinds of disc are compatible with each setting (AUTO, PAL and NTSC)

Disc		Output Format		
Type	Format	Selected TV System Mode		
		NTSC	PAL	AUTO
DVD	NTSC	NTSC	PAL	NTSC
	PAL	----	PAL	PAL

4.2 PBC

PBC MODE: Sets the PBC (Playback Control) to be on or off .

4.3 AUDIO

AUDIO: Sets the preferred audio language as the default when playing DVD. (IF DVD support these languages)

4.4 SUBTITLE

SUBTITLE: Sets the preferred subtitle language as the default when playing DVD.(if DVD support these languages)

4.5 DISC MENU

DISC MENU: Sets the preferred menu language as the default when playing DVD.(if DVD support these languages)

4.6 PARENTAL

PARENTAL: The parental control function works in conjunction with the different censorship classes assigned to DVDs. These classes help to control the types of DVDs that the family watches, There are up to 8 censorship classes for DVDs.

Note:

- The PARENTAL is changeable when PASSWORD MODE set to OFF.
- After setting the level of parental control. please set the password as ON to perform the lock of changing.

4.7 COUNTRY REGION

COUNTRY REGION: Sets the preferred country region language as the default when playing DVD. (if DVD support these languages)

4.8 DEFAULT

DEFAULT: Resets to all the manufacturer's original settings for this DVD player Press ENTER/PLAY to perform the reset.

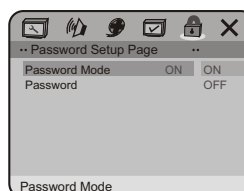
5. PASSWORD SETUP PAGE

5.1 PASSWORD MODE

PASSWORD MODE: Sets the function operation to be ON for locking the parental function, and OFF for changing the parental level.

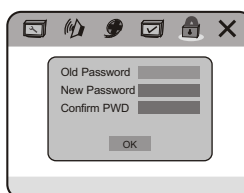
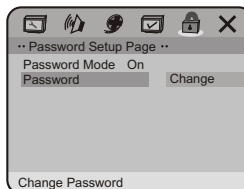
There will be old password confirmation when ON/OFF interchange.

The initial password is 136900



5.2 PASSWORD CHANGE

PASSWORD CHANGE: you can change the password, please type 6 numerals as new password.



Please check the following guide for the possible cause and solution for a problem before contacting the nearest service center or dealer for repairs.

SYMPTOMS AND CORRECTIONS

SYMPTOMS	CORRECTIONS
No power	Check to make sure that the power connection is secure.
No picture	Make sure the connection between the player and the TV is secure.
	Make sure that the TV is in good working condition.
	Please press "V.MODE" button continuously until the picture returns to normal.
No sound	Make sure the connection between the player and other devices are secure.
	Make sure that the TV and AMP are in good working condition and setup properly.
Failed to Play	Check that the disc is properly inserted.
	Clean the disc.
Failed to respond to remote control	Remove obstacles between remote control and unit.
	Aim remote control at the sensor on the front panel.
	Check batteries and replace them if necessary.
Picture Disturbance	Check the disc for dirt and scratches. Clean or replace disc.
	Shut down the unit, wait ten seconds, and restart the unit.
Failed to work with keys	Power surges or other electrical phenomena. Shut down the unit, wait ten seconds, and restart the unit.

System and Outputs

VF Signal system	NTSC/PAL
Frequency response	CD: 20Hz-20KHz(EIAJ) DVD: 20Hz-44KHz(96KHz)(Sample result) 20Hz-22KHz(48KHz)(Sample result)
Audio S/N ratio	> 90 dB
Video/Picture	MPEG1 V2.0; MPEG2
Audio	MPEG LAYER2 standard
Audio output (analog audio)	Electric level output: $1.8 \pm 0.2V$ Resistance: 10K
Audio output (digital audio)	Electric level output: 0.5Vp--p Resistance: 75
Video output	Electric level output: $(1.0 \pm 0.2)V_{p-p}$ Resistance: 75 Unbalanced negative
S-Video output	Electric level output: Brightness(Y)1.0Vp--p, Resistance: 75 Chrominance (C): 0.286Vp--p, Resistance: 75
Component video (Y, CB,CR)	Electric level output: 0.7Vp--p, resistance: 75

General

Power	110V - 240V ~ 50/60Hz
Power consumption	15W
Product Dimensions	L: 360mm W:240mm H: 44mm
Weight	1.9kg
Operating temperature	5°C to 35°C (41 F° to 95°F)
Operating humidity	5% to 90%

Note: We reserve the right to modify the design without advice!

SUBWOOFER

ATTENTION

- * Do not put the product in hot, damp circumstance. prevent from soaking and walloping.
- * Do not open the back board arbitrarily for preventing from being electrified or other accidents. In case of repair, submit it to the professional.
- * Once fragment or liquid is sprinkled inside the cabinets accidentally, cut power off immediately and put into use after professional examination.
- * Cut power off and take the plug away from the connector when the system is not on work.

FEATURES

- * Compatible for Computer, VCD, CD, Walkman, Diskman and so on.
- * Magnetically shielded, without any interaction to PC, Monitor, TV.
- * Volume, bass, treble, balance control
- * Luxurious VFD screen adopted.
- * Low noise design

COMPOSITION

- * Subwoofer 1pc
- * Satellite speaker 2pcs
- * Signal input cable 1pc
- * Operation manual 1pc

INSTALLATION GUIDE

1. Connect the satellite link cables with the signal output port at the back board of the Subwoofer.
2. Insert one end of the signal input cable into the "output" port of audio player, then connect another end with "input" port at the back of the subwoofer cabinet.
3. Plug the connector for power.

SUBWOOFER

USAGE GUIDE

1. Revolve all the function knobs to original or minimum position then turn the power button on.
2. Adjust the control knobs to your satisfied volume, turn clockwise to increase volume, anti-clockwise to decrease volume.
3. Adjust the bass knob to your satisfied bass effect.
4. Adjust the treble knob to your satisfied treble effect.
5. Turn clockwise to increase R volume, anti-clockwise to increase L volume.
6. Revolve all knobs to minimum or original position, then turn power off when the system is not on work.

SPECIFICATION

Output power: Subwoofer: 50W Satellite: 25W*2
P.M.P.O.: 4000W
Speaker unit: Subwoofer: 6.5"
 Satellite : 3" full range
Impedance : Subwoofer 8 OHM Satellit 4 OHM
Frequency response : 30Hz-20KHz
Power supply : Same as the back silk-screen
Bass up/down : ± 7.5 dB
Separation : ≥ 45 dB
S/N ratio : ≥ 70 dB

CONTACT DETAILS

CONTACT DETAILS

We trust you are completely satisfied with this product from Argos Ltd., however please feel free to contact us if you experience any difficulties, or if you would like to express your views regarding our products.

Please write to:

Customer Services

Argos Ltd

489-499 Avebury Boulevard

Saxon Gate West

Central Milton Keynes

MK9 2NW

Telephone: 0870 600 3030

Through the process of continuous improvement, Argos Ltd. reserves the right to change or alter specifications without prior notice. E&OE



PRODUCT GUARANTEE

This product is guaranteed against manufacturing defects for a period of



Year


This product is guaranteed for twelve months from the date of original purchase. Any defect that arises due to faulty materials or workmanship will either be replaced, refunded or repaired free of charge where possible during this period by the dealer from whom you purchased the unit.

The guarantee is subject to the following provisions:

- The guarantee does not cover accidental damage, misuse, cabinet parts, knobs or consumable items.
- The product must be correctly installed and operated in accordance with the instructions contained in this manual.
- It must be used solely for domestic purpose.
- The guarantee will be rendered invalid if the product is re-sold or has been damaged by inexpert repair.
- Specifications are subject to change without notice.
- The manufacturer disclaims any liability for the incidental or consequential damages.
- The guarantee is in addition to, and does not diminish your statutory or legal rights.

Guarantor: Argos Ltd
489 - 499 Avebury Boulevard
Central Milton Keynes
MK9 2NW

Wharfedale

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