Technika

EXCLUSIVELY FROM **TESCO**

Home Theatre System

HDMIHTKSS10

Owner's Handbook

CONTENTS

IMPORTANT SAFETY INFORMATION

CAUTION!
RISK OF ELECTRIC SHOCK
DO NOT OPEN

TO REDUCE THE RISK OF ELECTRIC SHOCK DO NOT REMOVE COVER (OR BACK) NO USER-REMOVEABLE PARTS INSIDE REFER SERVICING TO QUALIFIED PERSONNEL
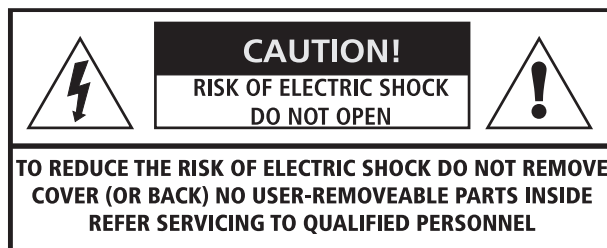
This symbol indicates that dangerous voltage constituting a risk of electric shock is present within this unit.

This symbol indicates that there are important operating and maintenance instructions in the literature accompanying this unit.

Read these instructions.

Keep these instructions.

Heed all warnings.

Follow all instructions.

Do not use this apparatus near water.

Clean only with a slightly damp cloth.

Do not block any ventilation openings.

Install in accordance with the manufacturer's instructions.

Do not install or operate near any heat sources such as radiators, stoves, or other apparatus that produce heat.

Unplug this apparatus during lightning storms or when unused for long periods of time.

Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as the power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

Warning: To reduce the risk of fire or electrical shock, do not expose this product to rain or moisture. The product must not be exposed to dripping and splashing and no object filled with liquids such as a vase of flowers should be placed on the product.

No naked flame sources such as candles should be placed on the product.

Caution: Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate this device.

Caution: Usage of controls or adjustments or performance of procedures other than those specified herein may result in hazardous exposure.

These labels tell you that the unit contains a Laser component. Do not stare at the laser lens.

CLASS 1
LASER PRODUCT

When the disc tray is open a safety interlock disconnects power to the laser. Do not defeat this safety interlock

IMPORTANT

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communication. However,this is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, hich can be determined by turning the equipment off and on,the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.

- Increase the separation between the equipment and receiver.

- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

- Consult the dealer or an experienced radio/TV technician for help.

BATTERY WARNING:

The DVD handset uses two AAA batteries. There is a risk of fire and burns if the batteries are handled improperly. Do not disassemble, crush, puncture, short external contacts, or dispose of in fire or water. Do not attempt to open batteries.

Replace the batteries in pairs with new batteries of the same type and construction.

 Discard used batteries in accordance with recycling regulations in force in your area.

INTRODUCTION

Read this manual before using your player.

The Player is set to play Region 2 discs.

The player will accept the following formats (among others): DVD, DVD+R, DVD+RW, CD-DA, CD, CD-R, CD-RW, Picture CD.

The following formats are not acceptable:

DVD discs with other region codes. Improperly formatted CD-Rs or CD-RWs includingdiscs which are not finalised.

UNPACKING

The carton should contain:

• The DVD Player

• Remote Control

• 5 Satellite Loudspeakers

• Subwoofer

• Operating Manual

If any items are missing or damaged, contact your nearest TESCO store for a replacement. Have your receipt ready when you call. Retain the packaging. If you dispose of it, do so having regard to any recycling regulations in your area.

PLAYER FEATURES

TV format: PAL; NTSC

SCART A/V connection

Composite and Component Video Connection

Analogue Line Input

Stereo analogue output.

Digital Coax output

5.1 multichannel speaker outputs

DVD features:

Multi Subtitle/Language select

Multi Angle select

Other features:

On screen display menu

Multi-level zooming

Parental control

JPG picture view via CD

MP3 PLAYBACK

MPEG4 and WMA support

CD upsampling support

Ripping CDs to a USB device

DVD REGION CODES

DVD discs and players are covered by a worldwide agreement which limits playback of DVD discs to specific regions as determined by the software manufacturer. Most DVDs come marked with a region coding. A disc specified as playable in one region may not play on a player designed for a different region. A disc specified as universal or with no region coding (Code 0)may be played in any region.

The regions are:

Region 1:   Canada, USA

Region 2:   Europe, Japan, Mid. East, South Africa

Region 3:   South-East Asia

Region 4:   Australia, Caribbean, Central & South America, New Zealand

Region 5:   Africa, Former Soviet Union, India, North Korea, Pakistan

Region 6:   China

THIS PLAYER PLAYS REGION 2 AND REGION FREE , UNIVERSAL (0) DISCS.

IMPORTANT NOTE

DVD discs contain various features. Many features are determined by the program or software content on the DVD disc itself. Some procedures in this manual cannot be performed if the disc does not support the feature. Also, some discs may need special settings which are unsupported by the player.

CAUTION: during playback, the disc spins at high speed, do not lift or move the player, doing so may damage the disc.

NOTICES

This player 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.

The player has built in copyright protection technology that prevents copying from a DVD disc to any media.

If a video recorder is connected to the player, the video output image will be distorted.

Manufactured under license from Dolby Laboratories. Dolby and the double-D symbol are trade marks of Dolby Laboratories.

WARNING:

PLAYING THE SYSTEM AT HIGH VOLUME LEVELS CAN DAMAGE YOUR HEARING AND YOUR EQUIPMENT.

IF YOU SET EXCESSIVE LEVELS OF VOLUME AND/OR EQUALIZATION YOU WILL OVERLOAD THE SUBWOOFER AND POSSIBLY DAMAGE IT IRREPARABLY.

IF YOU HEAR POPPING OR LOUD THUMPING SOUNDS COMING FROM THE SUBWOOFER , TURN THE OVERALL VOLUME DOWN **IMMEDIATELY** AND THEN TURN THE SUBWOOFER LEVEL DOWN.

FRONT PANEL

KEY
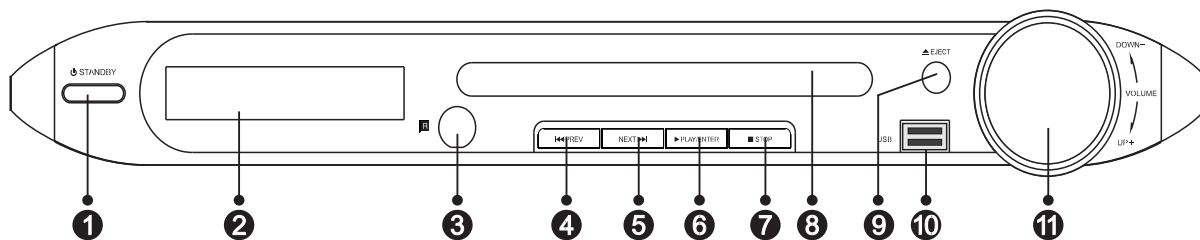
1. STANDBY Key
2. Display Screen
3. Remote control receiver
4. Reverse/Previous Key
5. Next/Forward key
6. Play/Enter Key
7. STOP key
8. Disc Drawer
9. Eject (Open/Close) Key
10. USB input*
11. Volume Control

*USB Input : The player accepts USB memory sticks and USB hard drives. You can play images, music files and videos on the player provided the format of these files is supported by the player.

You can also rip (copy) CDs from the player directly to a connected USB drive.

REAR PANEL

KEY
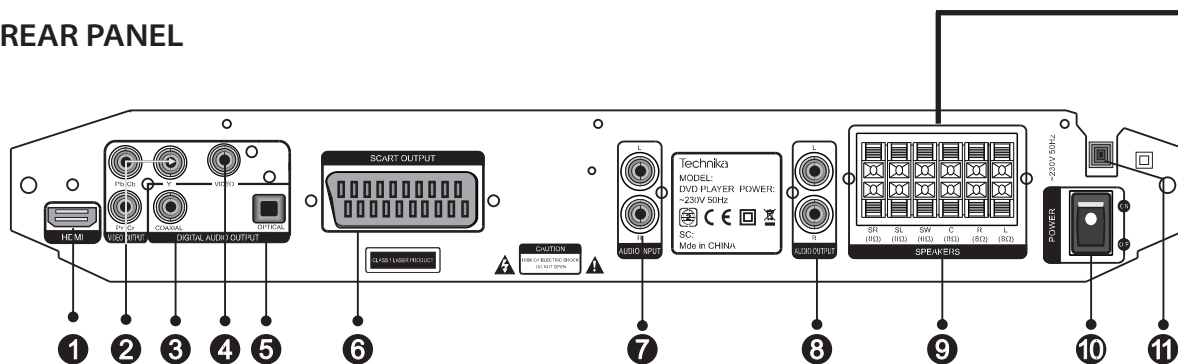
1. HDMI output
2. Component Video Out
3. Digital Coaxial Output
4. Composite Video Out
5. Digital Optical Output
6. SCART Output
7. Analogue Audio (Aux) Input
8. Analogue Audio Output
9. Speaker Connections
10. ON/OFF Switch
11. Power Cord
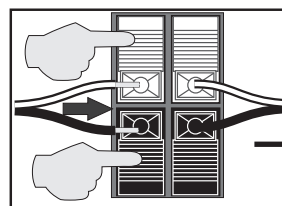
CONNECTING LOUDSPEAKERS

The loudspeaker terminal panel is colour coded for easy channel identification. The colours are:

White Left (front) Channel **Red** Right (front) Channel
Green Centre Channel **Mauve** Subwoofer
Blue Surround Left Channel **Grey** Surround Right Channel

All the speakers have captive cables with one black core and one with a RED stripe. Connect the **Red** striped cable to the upper loudspeaker (+) (coloured) terminal and the **Black** cable to the lower (-) terminal.

For best results it is essential to have all the speaker cables correctly connected.
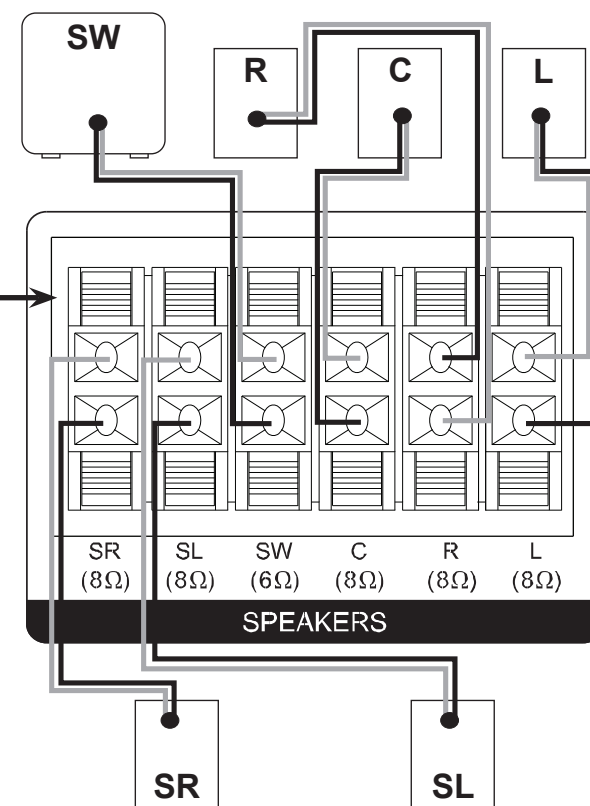
To connect loudspeakers: Depress the terminal, insert the bare end of the cable into the terminal. Release the terminal. Make sure the terminal grips the wire and not the plastic insulation and check that there are no stray strands of wire protruding from the terminal.

SYSTEM CONNECTIONS

Please read the connection diagrams carefully before connecting your player.

Switch off all system units before making connections!

You will need to purchase suitable Audio/Video connection cables to connect your player to your TV.

If your TV has an HDMI socket, we suggest that you use this connection for superior picture and sound

REFER TO YOUR TV MANUAL FOR ASSISTANCE IF IN DOUBT.
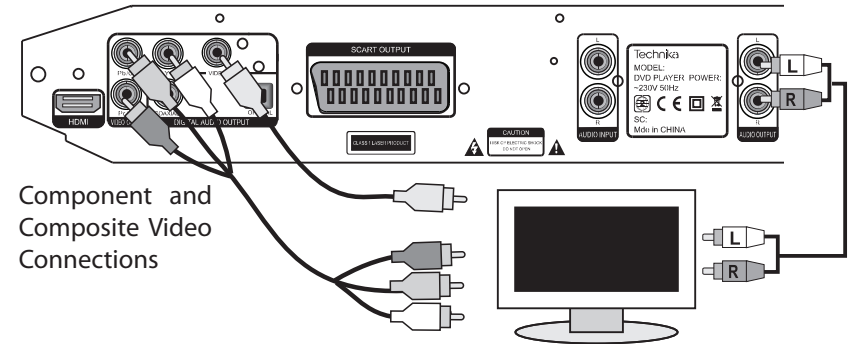
VIDEO CONNECTIONS

TThe SCART and Component Video connections are preferable to the Composite connection.

SCART: Connect the SCART cable from the TV to the player as shown. Scart connections carry Video and Audio signals so remember to turn off the volume on the TV set. You can connect a second cable from the analogue output of the player to a Stero receiver for improved sound if you prefer.

Component Video: You need a special 3 core RCA Video Phono cable . Connect the Cb/Cr/Y inputs on the TV to the corresponding sockets on the player.

Composite Video: Connect a single RCA Video Phono Cable from the Video Out socket of the player to the Video In socket on the TV.

For both component and composite connections you must connect the audio outputs of the player to the TV (or external audio unit).

Component and Composite Video Connections
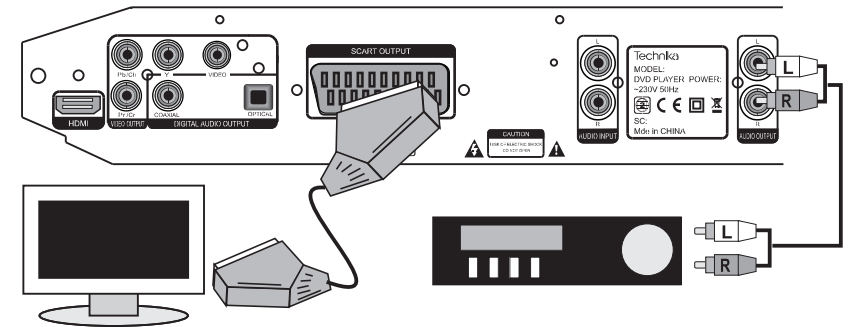
SCARTConnections

AUDIO INPUTS AND OUTPUTS

The LINE INPUT can be connected to the output of a stereo unit such as a cassette deck, MP3 player etc., with a stereo RCA phono cable.

The AUDIO OUTPUT is a variable line output. As the volume level of this output is controlled by the player, it is not suitable for connection to a recording unit. Connect this output to a power amplifier or a stereo amplifier and do not alter the level of the amplifier once connected.

The DIGITAL AUDIO coaxial or optical sockets can be connected with a digital RCA phono cable to a second AV processor, or a stereo amplifier equipped with a suitable digital coaxial input.

ONLY ONE output can be used at any one time.

AV PROCESSSOR

ANALOGUE RECEIVER
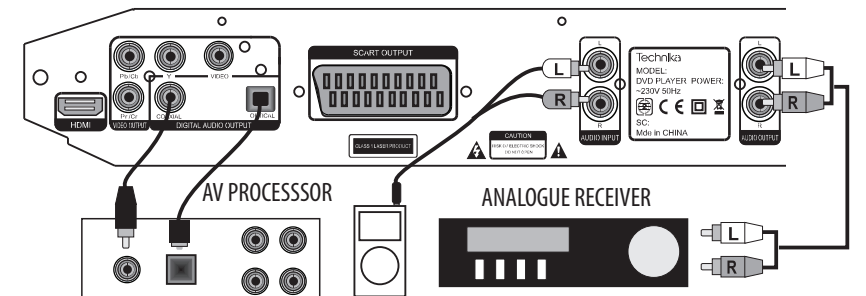
HDMI AUDIO/VIDEO CONNECTIONS

STANDARD HDMI CONNECTIONS

You will need to purchase an HDMI interconnect. Keep the interconnect short for maximum transfer quality. If you need a longer cable purchase an HDMI approved product.

Set the TV to the HDMI input (refer to your TV instructions for guidance). Audio and Video will now appear on the TV.

You can connect the analogue outputs of the DVD player to your stereo equipment if you wish Refer to the previous page for details.
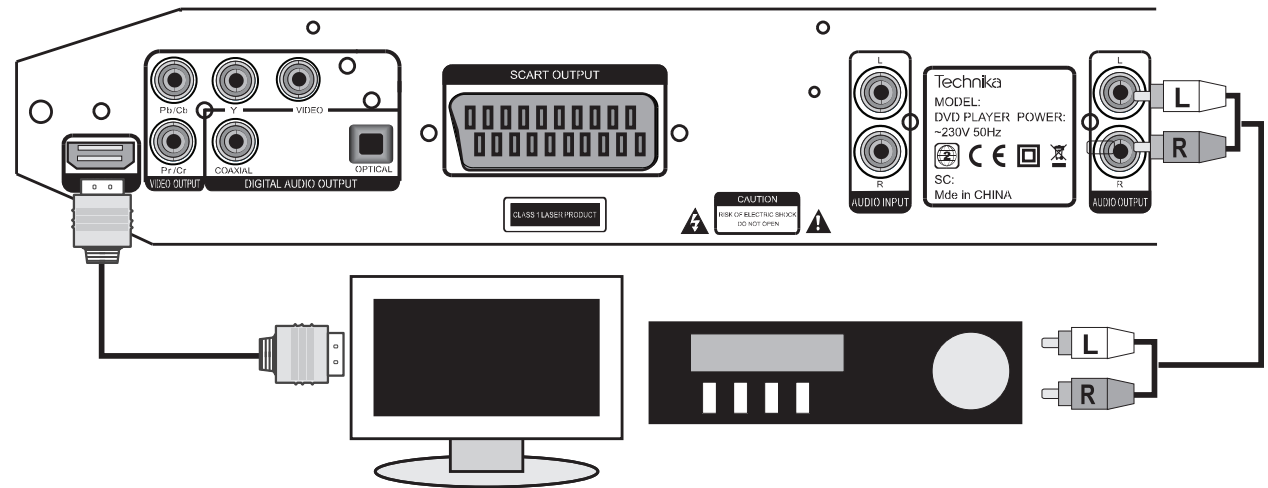
HDMI CONNECTIONS TO AN AV PROCESSOR

If you have an HDMI equipped multichannel AV processor you can enjoy the benefits of digital multichannel sound. You will need to purchase two HDMI interconnects.

Connect the output of the DVD player to an HDMI input of the processor. Connect the HDMI output of the processor to the HDMI input of the TV. If you wish you may be able to disable the sound from the TV (or set the volume to minimum).

Refer to the handbooks of your AV processor and TV for further information.
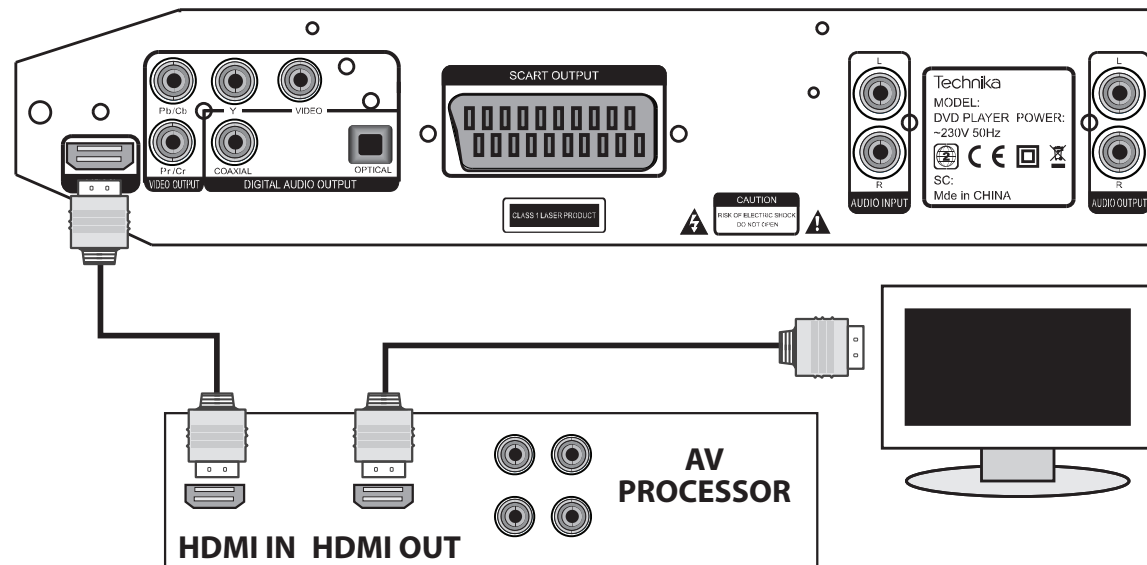
PRELIMINARIES

Unpack all the system components carefully.

Place the player on a steady level surface where it cannot get knocked off or disturbed. DO NOT place objects or other items of equipment on the player - leave it freestanding.

The player ON/OFF switch must be easily accessible.

Unwrap all the loudspeaker connecting cables.

LOUDSPEAKER PLACEMENT

The illustration shows a typical 5.1 loudspeaker setup.

FL: Front Left Speaker
C: Centre Speaker
FR: Front Right Speaker
SW: Subwoofer
SR: Surround Right Speaker
SL: Surround Left Speaker

The **Front Speakers** should point slightly in toward the listening position.

The **Centre Speaker** should be mounted above or below the monitor screen central to the front speakers and the listening seat.

The **Surround loudspeaker**s are less critical but ideally should face inward from a point somewhat behind the listener's head.
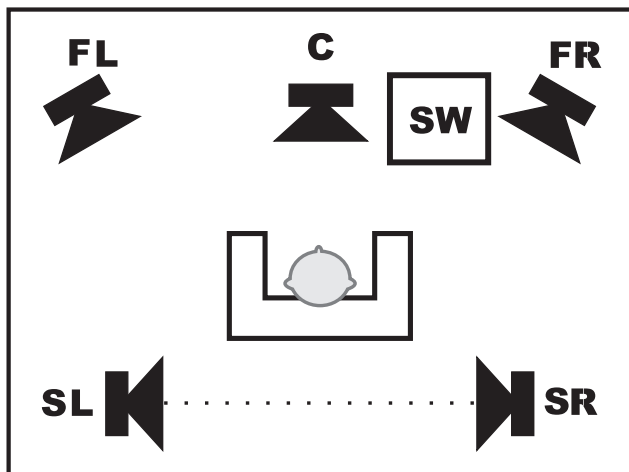
As a general rule the **subwoofer** may be placed almost anywhere, but a position in front of the listener is preferred.

Placing the subwoofer across a corner will increase bass but the sound may be distorted.

Do not place the subwoofer where it is likely to be obscured by furniture or other objects.

The height of the satellites is important - ideally they should be at ear level or slightly above pointing down.

The satellites may be placed on shelves or stands or hung on the wall with suitable mounting hardware.

When you have placed the speakers they may be connected following the diagrams on Page 6. Please pay attention to all the notes below.

NOTES:

If you have a conventional (CRT) TV ensure all speakers are placed so that the magnets can cause colour aberrations in the TV. Flat (lcd) screens are unaffected.

NOTE: When connecting loudspeakers make sure that the cables do not trail across open floor spaces where they could cause danger. Protect them or route them out of harm's way

Ensure that the interconnecting cables can comfortably reach the loudspeaker connecting panel on the player and that the cables are not stretched taut.

IMPORTANT: The setup procedure assumes that the listening seat is midway between the Front loudspeakers. Different distances of the Centre and Surround loudspeakers and the Subwoofers from the listening seat can be compensated for during the adjustment procedure.

FITTING HANDSET BATTERIES

Invert the handset.
Lift off the battery cover

Place 2 AAA batteries in the battery compartment with their polarities as shown

Replace the battery cover.
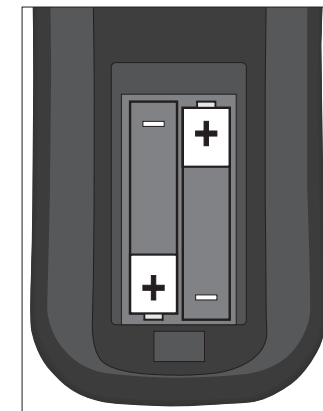
When the handset becomes erratic or ceases to work you should replace the batteries. The Cautions page contains guidance for battery replacement and disposal.

USING THE HANDSET

Point the handset directly at the remote sensor of the player. The handset must be no more than 8 metres from the player and at an angle of no more than 30º for reliable operation. If operation is erratic in bright sunlight, relocate the player to a shady location.

REMOTE HANDSET
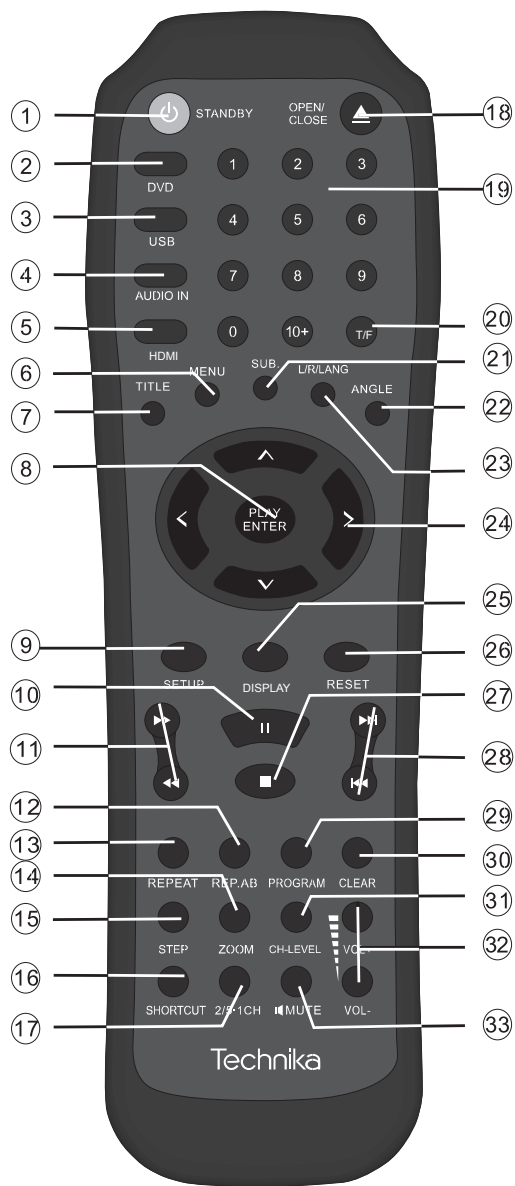
|	
1 STANDBY:	Press to bring the player in/out of Standby mode
2 DVD:	Press to select and play a disc. (Default mode)
3 USB	Use to play a connected USB device
4 AUDIO IN	Use to play an external audio source (e.g radio)
5 HDMI	Select the HDMI connection
6 MENU	Press to access the ROOT menu of a DVD
7 TITLE	Go to the title menu of a disc
8 PLAY/ENTER	Press to start/resume play (Confirm a selection see Navigation Keys**)
9 SETUP	Press to enter/leave the player's setup menu.
10 PAUSE	Press to pause/resume play
11 FAST FWD/REVERSE	Press to forward/reverse search a disc during play
12 REP. AB	Use to repeat a passage of your choice (A-B repeat)
13 REPEAT	Press to select different repeat modes or no repeat.
14 ZOOM	Press to select different zoom levels
15 STEP	Press to advance a movie frame-by-frame.
16 SHORTCUT	Skip the opening sequences of a DVD (requires disc support).#
17 2/5.1 CH	Press to switch between 2 channel and 5.I channel mode.
18 OPEN/CLOSE	Press to open/cl;ose the disc drawer
19 NUMBER KEYS*	Refer to the panel **NUMBER KEYS***
20 T/F	Press to display track and repeat status times on a DVD/VCD
21 SUBTITLE	**Playing a DVD:** Select/deselect a subtitle language (needs disc support)
22 ANGLE	Select a camera angle (requires multi angle support on the disc)
23 L/R LANG	**Playing a DVD:** Select a language/audio format (requires disc support) **Playing a CD**: Press to select various Mono or Stereo modes
24 NAVIGATION KEYS**	Refer to the panel **NAVIGATION KEYS**
25 DISPLAY	Press to display disc/chapter/title times elepsed and remaining.
26 RESET	**With no disc inserted:** Press to reset the player to factory defaults.
27 STOP	Press once to temporarily stop a disc .Press again to finally stop the disc.
28 NEXT/PREVIOUS KEYS	Press to move back/forward a chapter/track during play
29 PROGRAM	Press to programme tracks in an order of your choice
30 CLEAR	Press to clear an entry/command
31 CHANNEL LEVEL	Select individual speaker/system levels - adjust with Volume keys
32 VOLUME+/- KEYS	Press to increase/decrease volume.
33 MUTE	Press to mute/unmute the sound.

*NUMBER KEYS
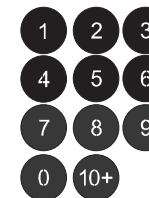
To select a number between 0 and 9 just enter the number.
To select numbers from 10-19 (e.g. 12) press the 10+ key and then the number (2). To select a number between 20 and 29 press the 10+ key twice followed by the number, and so on.

**NAVIGATION KEYS

▲   Move up a menu/item
▼   Move down a menu/item
◄   Move left in a menu
►   Move right in a menu
PLAY/ENTER
Press to enter a selected item in the menu or to confirm and execute a selection.

GETTING STARTED

Make sure all system units are switched OFF.

Connect the player to your TV (and other units if required) following the instructions on the previous pages. Use only one video connection method.

Switch on the TV .

SWITCHING ON THE PLAYER

Plug the mains plug into the mains outlet

Switch on the power. The Standby light will go RED as the player enters Standby.

Press the **STANDBY** key on the player or the handset.

The player is now operational.

SETTING UP YOUR SYSTEM

After the player is switched on it is important that you adjust the system to suit your circumstances. In particular please pay attention to the loudspeaker setup.

THE PLAYER MENU STRUCTURE

The player setup menu is organised into five **main pages**. Each main page is composed of **sub-pages** and each sub-page may have one or more **menu items**.

ACCESSING THE SETUP MENU

- Press the DVD key on the handset.
- Make sure there is no disc in the drawer.

This procedure will ensure that all parameters of the SETUP menu can be accessed. You can accesss SETUP during play but some menu screens will be unavailable.

NOTE: You can access the Setup menu when in USB mode. In AUDIO IN mode the Setup menu is inaccessible.

NAVIGATING THE SETUP PAGES

- Press the SETUP key to enter the Setup menu.
- Press ▶ or ◀ to take you to the next menu or return you to the previous one.
- Press ▲ or ▼ to take you up or down in the same menu list.
- Press PLAY/ENTER to confirm your selection.
- Press ◀ to exit the menu
- Press the SETUP key to exit the Setup menu.
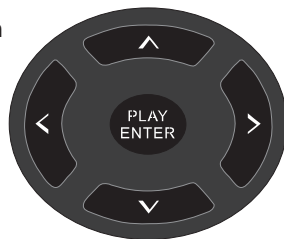
HOW THE MENU PAGES WORK

The selected menu and the choice within the menu are highlighted GREEN.

The current setting is highlighted BROWN.

To change a setting, move up or down the list until you reach the setting you want - the GREEN highlight will move to reflect your choice.

- Press the PLAY/ENTER key to confirm the selection.
- Press ◀ to exit and return to the next menu up

LANGUAGE SETUP PAGE	VIDEO SETUP PAGE	AUDIO SETUP PAGE	GENERAL SETUP PAGE	PARENTAL CONTROL SETUP PAGE
OSD LANGUAGE	VIDEO OUTPUT	ANALOG AUDIO	ANGLE MARK	PARENTAL
AUDIO	TV DISPLAY	DIGITAL AUDIO	CLOSE CAPTION	PASSWORD (CHANGE)
SUBTITLE	TV TYPE	CHANNEL DELAY	SCREEN SAVER	
DISC MENU	COLOR SETTING	EQUALIZER	LAST MEMORY	
	RESOLUTION	3D PROCESSING	VERSION	
	HDMI SETUP		DEFAULT	

THE LANGUAGE SETUP PAGE

Press SETUP to go to the Language Setup Page.

The parameters are displayed to the left and the current settings are displayed in the next column.
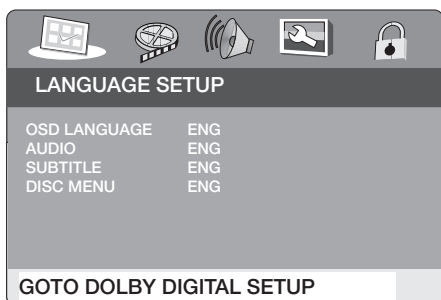
```
LANGUAGE SETUP

OSD LANGUAGE      ENG
AUDIO             ENG
SUBTITLE          ENG
DISC MENU         ENG


GOTO DOLBY DIGITAL SETUP
```

HANDSET KEYS
▲▼to select an item
▶to go to the item choice
▲▼to choose an item
ENTER to Confirm
◀ to Return

Press the PLAY/ENTER key to go to the first selection

ON SCREEN DISPLAY LANGUAGE

This enables you to select the On Screen Display (OSD) language: *The only option available is English.*
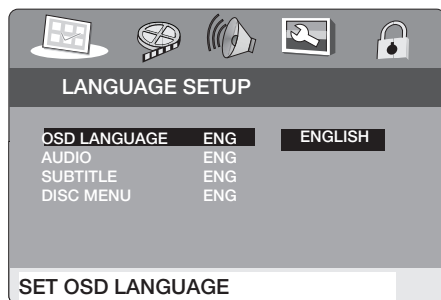
```
LANGUAGE SETUP

OSD LANGUAGE      ENG       ENGLISH
AUDIO             ENG
SUBTITLE          ENG
DISC MENU         ENG


SET OSD LANGUAGE
```

HANDSET KEYS
▲▼to select an item
▶to go to the item choice
▲▼to choose an item
ENTER to Confirm
◀ to Return

Press the ▼ key to go to the next selection

AUDIO

```
LANGUAGE SETUP

OSD LANGUAGE      ENG       ENGLISH
AUDIO             ENG       FRENCH
SUBTITLE          ENG       GERMAN
DISC MENU         ENG       SPANISH
                           CHINESE
                           JAPANESE
                           KOREAN
                           THAI

PREFERRED AUDIO LANGUAGE
```

HANDSET KEYS
▲▼to select an item
▶to go to the item choice
▲▼to choose an item
ENTER to Confirm
◀ to Return

The AUDIO setting sets the language you want the film to be in. Default is English

To change the setting:

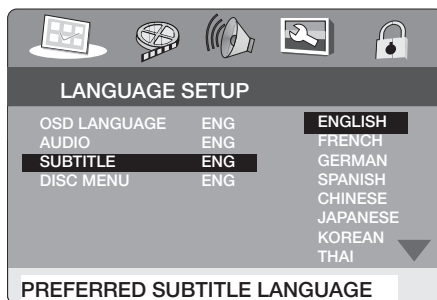Press the ▶ key to highlight the Language menu on the Right. Press the ▲▼keys to select a setting

Press the PLAY/ENTER key to confirm the setting

Press the ◀ key to return to the main menu on the left.

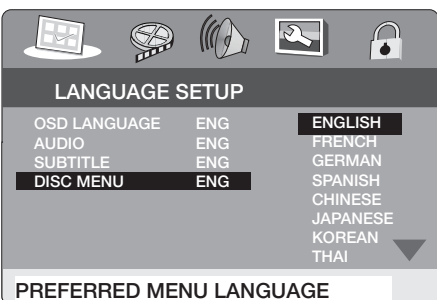Press the ▼ key to go to the next selections. Set these up following the above procedure.

SUBTITLE

Normally ENGLISH. If there is a non English speaker in your house you may want to set the subtitles to that language. You may select OFF if you prefer not to see subtitles.

```
LANGUAGE SETUP

OSD LANGUAGE      ENG       ENGLISH
AUDIO             ENG       FRENCH
SUBTITLE          ENG       GERMAN
DISC MENU         ENG       SPANISH
                           CHINESE
                           JAPANESE
                           KOREAN
                           THAI
PREFERRED SUBTITLE LANGUAGE
```

HANDSET KEYS
▲▼to select an item
▶to go to the item choice
▲▼to choose an item
ENTER to Confirm
◀ to Return

DISC MENU
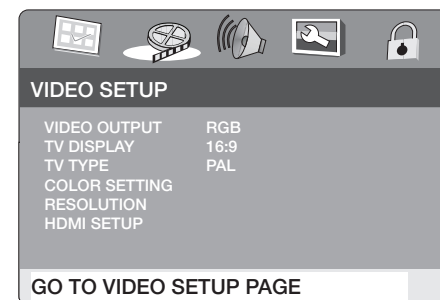
The language in which you want the film menus to display.

```
LANGUAGE SETUP

OSD LANGUAGE      ENG       ENGLISH
AUDIO             ENG       FRENCH
SUBTITLE          ENG       GERMAN
DISC MENU         ENG       SPANISH
                           CHINESE
                           JAPANESE
                           KOREAN
                           THAI
PREFERRED MENU LANGUAGE
```

HANDSET KEYS
▲▼to select an item
▶to go to the item choice
▲▼to choose an item
ENTER to Confirm
◀ to Return

To move to another menu page: Repeatedly press the ◀ key to exit the current menu and to cycle the options. When you reach the page you want, press the PLAY/ENTER key.
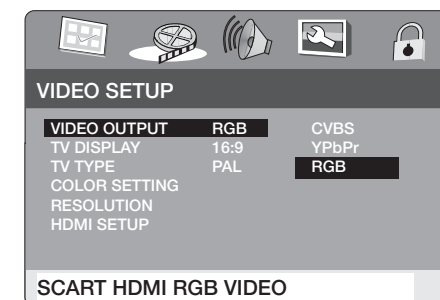
To exit the Setup menu: Press the SETUP key

THE VIDEO SETUP PAGE

• Navigate to the VIDEO SETUP PAGE. Press PLAY/ENTER.

```
VIDEO SETUP

VIDEO OUTPUT      RGB
TV DISPLAY        16:9
TV TYPE           PAL
COLOR SETTING
RESOLUTION
HDMI SETUP


GO TO VIDEO SETUP PAGE
```

HANDSET KEYS
▲▼to select an item
▶to go to the item choice
▲▼to choose an item
ENTER to Confirm
◀ to Return

• Select VIDEO OUTPUT with the ▲▼keys.

• Press ENTER

```
VIDEO SETUP

VIDEO OUTPUT      RGB       CVBS
TV DISPLAY        16:9      YPbPr
TV TYPE           PAL       RGB
COLOR SETTING
RESOLUTION
HDMI SETUP


SCART HDMI RGB VIDEO
```

HANDSET KEYS
▲▼to select an item
▶to go to the item choice
▲▼to choose an item
ENTER to Confirm
◀ to Return

CVBS: Set video to output via the composite output.

YPbPr: Set video output in analog component video format if the component video outputs are used.

RGB: Set video output in Red/Green/Blue format if the SCART output is used.

NOTE: If the video setting differs from the actual video connection, you may get no image or very poor image on the TV. In this case, you should reset this setting item to an appropriate video output mode.
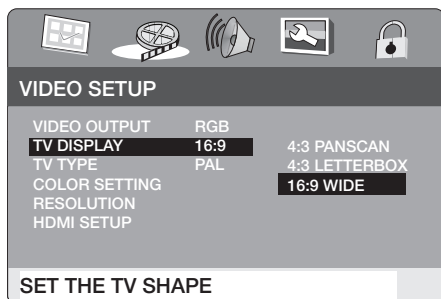
• Select a video output mode with the ▲▼keys.

• Press PLAY/ENTER.

• Press the ▼key to go to TV DISPLAY.

• Press PLAY/ENTER.

TV DISPLAY (ASPECT RATIO)

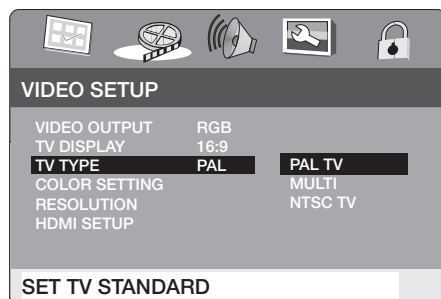If your TV is a Widescreen TV , set the display to **16:9** WIDE

4:3 PANSCAN spreads a widescreen image full width but "tops and tails" the picture on a standard TV.

4:3 LETTERBOX: spreads the image full height but cuts the sides off on a standard TV.

```
VIDEO SETUP

VIDEO OUTPUT     RGB
TV DISPLAY       16:9        4:3 PANSCAN
TV TYPE          PAL         4:3 LETTERBOX
COLOR SETTING                16:9 WIDE
RESOLUTION
HDMI SETUP

SET THE TV SHAPE
```

HANDSET KEYS
▲▼to select an item
▶to go to the item choice
▲▼to choose an item
ENTER to Confirm
◀ to Return

- Press the ▼ key to go to **TV TYPE**. Press PLAY/ENTER.

```
VIDEO SETUP

VIDEO OUTPUT     RGB
TV DISPLAY       16:9
TV TYPE          PAL         PAL TV
COLOR SETTING                MULTI
RESOLUTION                   NTSC TV
HDMI SETUP

SET TV STANDARD
```

HANDSET KEYS
▲▼to select an item
▶to go to the item choice
▲▼to choose an item
ENTER to Confirm
◀ to Return

Select PAL TV (for Europe). If you do happen to play an NTSC disc the format will be converted to PAL for viewing -if the region code is compatible with the player.

- Press the ▼ key to go to **COLOR SETTING**.
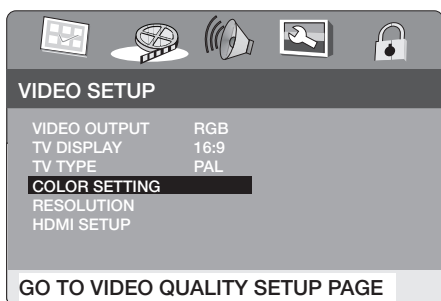
```
VIDEO SETUP

VIDEO OUTPUT     RGB
TV DISPLAY       16:9
TV TYPE          PAL
COLOR SETTING
RESOLUTION
HDMI SETUP

GO TO VIDEO QUALITY SETUP PAGE
```

HANDSET KEYS
▲▼to select an item
▶to go to the item choice
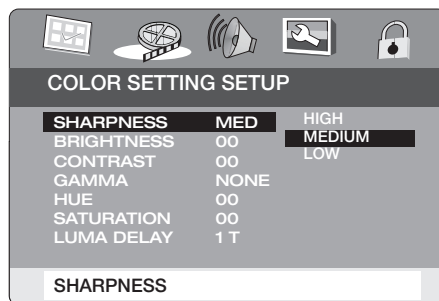▲▼to choose an item
ENTER to Confirm
◀ to Return

- Press ENTER

COLOR SETTING: SHARPNESS

```
COLOR SETTING SETUP

SHARPNESS      MED         HIGH
BRIGHTNESS     00          MEDIUM
CONTRAST       00          LOW
GAMMA          NONE
HUE            00
SATURATION     00
LUMA DELAY     1 T

SHARPNESS
```
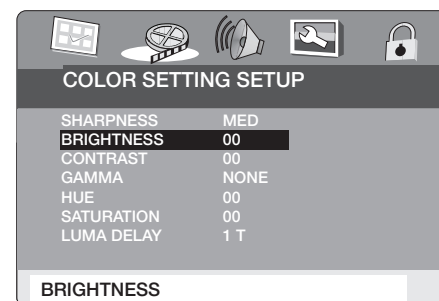
HANDSET KEYS
▲▼to select an item
▶to go to the item choice
▲▼to choose an item
ENTER to Confirm
◀ to Return

Set the sharpness to **High, Medium or Low**

- Press **PLAY/ENTER.** Press▼

BRIGHTNESS

```
COLOR SETTING SETUP

SHARPNESS      MED
BRIGHTNESS     00
CONTRAST       00
GAMMA          NONE
HUE            00
SATURATION     00
LUMA DELAY     1 T

BRIGHTNESS
```

HANDSET KEYS
▲▼to select an item
▶to go to the item choice
▲▼to choose an item
ENTER to Confirm
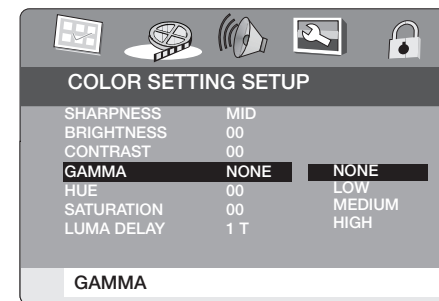◀ to Return

- Press ▶

BRIGHTNESS   0

In the Flyout menu which opens

- Press ▶◀ to adjust the Brightness level (from -20 - +20)
- Press **PLAY/ENTER** to confirm and return to the Color Setting Setup Screen

CONTRAST, HUE and SATURATION

- Set these in the same way.
- After each adjustment press **PLAY/ENTER** to confirm and return to the Color Setting Setup Screen
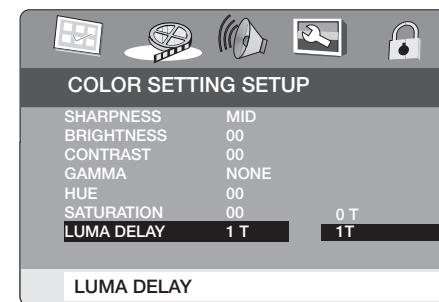- Press the ▼ key to move to **GAMMA**.
- Press ▶

GAMMA

```
COLOR SETTING SETUP

SHARPNESS      MID
BRIGHTNESS     00
CONTRAST       00
GAMMA          NONE        NONE
HUE            00          LOW
SATURATION     00          MEDIUM
LUMA DELAY     1 T         HIGH

GAMMA
```

HANDSET KEYS
▲▼to select an item
▶to go to the item choice
▲▼to choose an item
ENTER to Confirm
◀ to Return

Gamma correction improves colour resolution especially with fine colour differences but the effects are small and on many monitors will be barely noticeable.

- Press ▲▼ to adjust the Gamma to suit your monitor.
- Press **ENTER** to confirm and return to Color Setup.
- Press the ▼ key to move to **LUMA DELAY.**
- Press ▶

LUMA DELAY

This is a phenomenon where the intensity appears at the right of the colour, marginally blurring the image.

```
COLOR SETTING SETUP

SHARPNESS      MID
BRIGHTNESS     00
CONTRAST       00
GAMMA          NONE
HUE            00
SATURATION     00          0 T
LUMA DELAY     1 T         1T

LUMA DELAY
```

HANDSET KEYS
▲▼to select an item
▶to go to the item choice
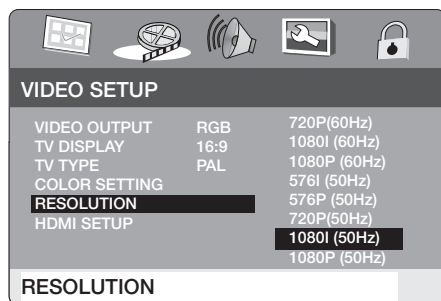▲▼to choose an item
ENTER to Confirm
◀ to Return

- Press ▲▼ to select 0T or 1T.
- Press **PLAY/ENTER** to confirm
- Press the ◀ to return to **COLOR SETTING**.
- Press the ▼ key to move to **RESOLUTION**.

RESOLUTION

The resolution settings adjust the HDMI resolution settings and should be treated with care!! Read this section in conjunction with your TV or monitor handbook.

If you are using the SCART, Component or Composite Video connections these settings have no effect on the picture.

When the player is first connected to a monitor via the HDMI connection the two units "handshake" and establish the xorrect resolution. If you set this resolution higher then what the screen will handle you may lose the picture.

HANDSET KEYS
▲▼ to select an item
▶ to go to the item choice
▲▼ to choose an item
ENTER to Confirm
◀ to Return

NEVER set the resolution to 1080P unless your monitor manual says that the screen can operate at this setting.
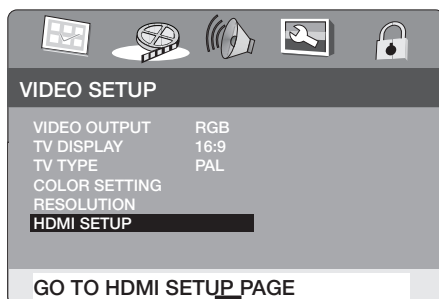
RESTORING A LOST PICTURE

If you lose your picture through incorrectly setting the resolution, use this procedure to restore the picture.
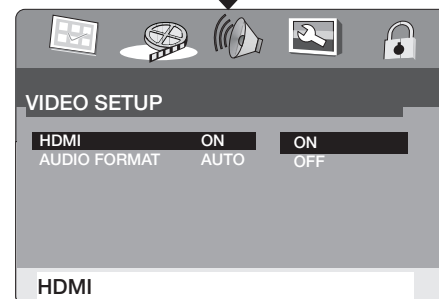
1. Press the SETUP button on the handset to leave the Setup Menu (even if you cannot see the screen)
2. Press the RESET button on the handset
3. The picture will now return.

HDMI SETUP

Select **HDMI SETUP,** Press **ENTER**

HANDSET KEYS
▲▼ to select an item
▶ to go to the item choice
▲▼ to choose an item
ENTER to Confirm
◀ to Return

HANDSET KEYS
▲▼ to select an item
▶ to go to the item choice
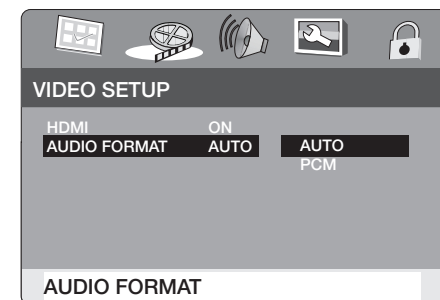▲▼ to choose an item
ENTER to Confirm
◀ to Return

- Press ▶
- Press ▲▼ to select ON or OFF.
- Press **PLAY/ENTER t**o confirm

ONLY select OFF if you are NOT using the HDMI connection or you will lose the picture. If this happens:

- Press the SETUP button on the handset to leave the Setup Menu (even if you cannot see the screen)
- Press the RESET button on the handset
- The picture will now return.

AUDIO FORMAT

- Press ▲▼ to select AUDIO FORMAT.
- Press **ENTER**.
- Press ▲▼ to select AUTO or PCM.
- Press **ENTER**.

HANDSET KEYS
▲▼ to select an item
▶ to go to the item choice
▲▼ to choose an item
ENTER to Confirm
◀ to Return

HDMI connections can carrry up to 8 channels of digital Audio.

If the player is connected to the TV set you may set this parameter to PCM - this will pass all signals as Stereo.

If the player is connected to a Home theatre multichannel Audio processor (see Page 6) set this to AUTO.
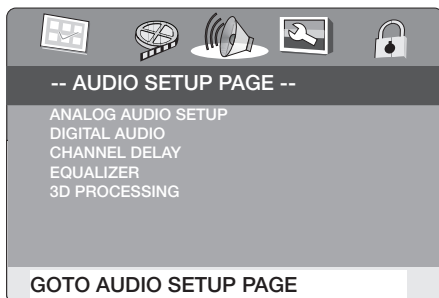
The default is AUTO. Unless there is good reason to do otherwise, we suggest you leave the setting at AUTO

After making any changes:

- Press ◀ to return to the VIDEO Setup page
- Press ◀ to deselect all options
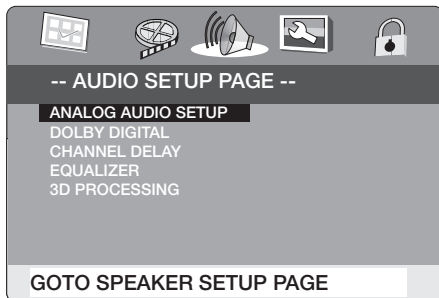- Press ▶ to go to the AUDIO Setup page

AUDIO SETUP PAGE

The AUDIO page enables you to set up all the audio properties of the system. Take time over this page - the results will repay the time spent
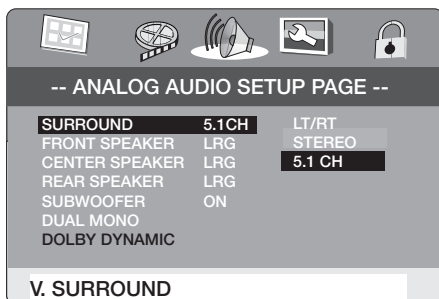
-- AUDIO SETUP PAGE --

ANALOG AUDIO SETUP
DIGITAL AUDIO
CHANNEL DELAY
EQUALIZER
3D PROCESSING

GOTO AUDIO SETUP PAGE

HANDSET KEYS
▲▼to select an item
▶to go to the item choice
▲▼to choose an item
ENTER to Confirm
◀ to Return

- Press **PLAY/ENTER** to go to the first Menu item

-- AUDIO SETUP PAGE --

ANALOG AUDIO SETUP
DOLBY DIGITAL
CHANNEL DELAY
EQUALIZER
3D PROCESSING

GOTO SPEAKER SETUP PAGE

HANDSET KEYS
▲▼to select an item
▶to go to the item choice
▲▼to choose an item
ENTER to Confirm
◀ to Return

- Press **PLAY/ENTER** again to go to the **SURROUND** setting.

-- ANALOG AUDIO SETUP PAGE --

SURROUND	5.1CH	LT/RT
FRONT SPEAKER	LRG	STEREO
CENTER SPEAKER	LRG	5.1 CH
REAR SPEAKER	LRG	
SUBWOOFER	ON	
DUAL MONO		
DOLBY DYNAMIC		

V. SURROUND

HANDSET KEYS
▲▼to select an item
▶to go to the item choice
▲▼to choose an item
ENTER to Confirm
◀ to Return

The system default is 5.1. *Setting any other mode disables the Centre and Surround speakers.*
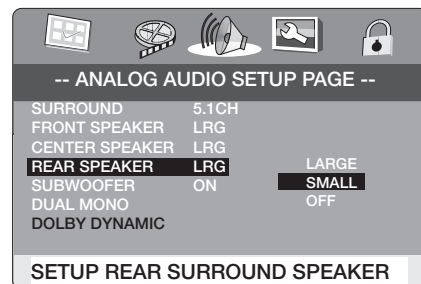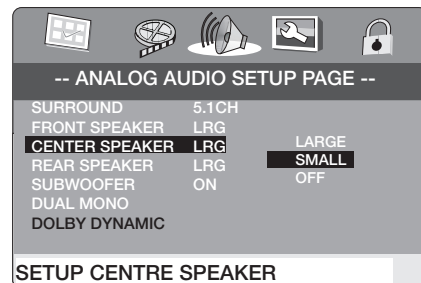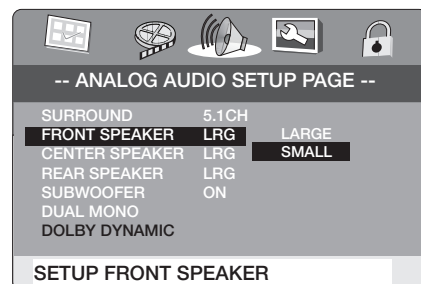
To enable 5.1 channel mode

- Select the **5.1 CH** option. Press **PLAY/ENTER.** *(In this mode the DOLBY DYNAMIC feature is unavailable).*

SETTING SPEAKER SIZES

There are two types of Bass in Home Theatre Systems. There is the normal programme bass content and the **LFE** channel which directs special bass effects to the Subwoofer.
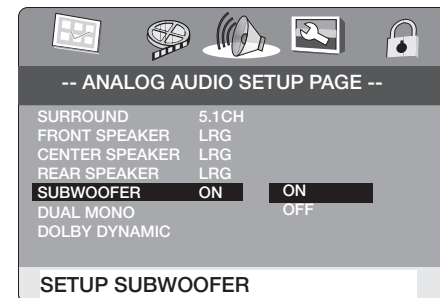
Setting a channel to **LARGE** operates the speakers full range. Setting **SMALL** removes all the bass from the satellites and sends the programme bass and the LFE to the Subwoofer.
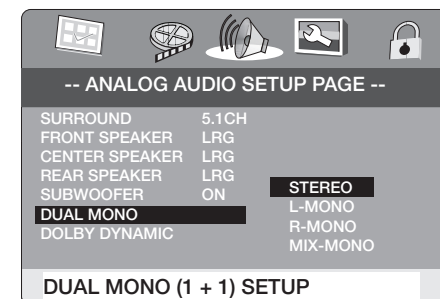
Set all speakers in this system to SMALL *(NOT LARGE!!)*

-- ANALOG AUDIO SETUP PAGE --

SURROUND	5.1CH	
FRONT SPEAKER	LRG	LARGE
CENTER SPEAKER	LRG	SMALL
REAR SPEAKER	LRG	
SUBWOOFER	ON	
DUAL MONO		
DOLBY DYNAMIC		

SETUP FRONT SPEAKER

-- ANALOG AUDIO SETUP PAGE --

SURROUND	5.1CH	
FRONT SPEAKER	LRG	LARGE
CENTER SPEAKER	LRG	SMALL
REAR SPEAKER	LRG	OFF
SUBWOOFER	ON	
DUAL MONO		
DOLBY DYNAMIC		

SETUP CENTRE SPEAKER

HANDSET KEYS
▲▼to select an item
▶to go to the item choice
▲▼to choose an item
ENTER to Confirm
◀ to Return

-- ANALOG AUDIO SETUP PAGE --

SURROUND	5.1CH	
FRONT SPEAKER	LRG	
CENTER SPEAKER	LRG	LARGE
REAR SPEAKER	LRG	SMALL
SUBWOOFER	ON	OFF
DUAL MONO		
DOLBY DYNAMIC		

SETUP REAR SURROUND SPEAKER

The Subwoofer should be set to ON

-- ANALOG AUDIO SETUP PAGE --

SURROUND	5.1CH	
FRONT SPEAKER	LRG	
CENTER SPEAKER	LRG	
REAR SPEAKER	LRG	
SUBWOOFER	ON	ON
DUAL MONO		OFF
DOLBY DYNAMIC		

SETUP SUBWOOFER

HANDSET KEYS
▲▼to select an item
▶to go to the item choice
▲▼to choose an item
ENTER to Confirm
◀ to Return

DUAL MONO

-- ANALOG AUDIO SETUP PAGE --

SURROUND	5.1CH	
FRONT SPEAKER	LRG	
CENTER SPEAKER	LRG	
REAR SPEAKER	LRG	STEREO
SUBWOOFER	ON	L-MONO
DUAL MONO		R-MONO
DOLBY DYNAMIC		MIX-MONO

DUAL MONO (1 + 1) SETUP

HANDSET KEYS
▲▼to select an item
▶to go to the item choice
▲▼to choose an item
ENTER to Confirm
◀ to Return

This setting affects Dolby AC-3 2 Channel Discs only.

STEREO: Normal Stereo via the FL and FR speakers.
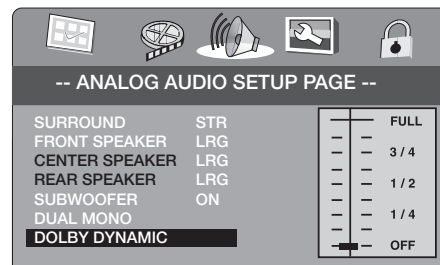**L-MONO:** Left-channel only via the FL and FR speakers.
R- MONO: Right-channel audio via the FL and FR speakers
MIX- MONO: left and right signal via the FL/FR speakers.

DOLBY-DYNAMIC

Only available when LT/RT and Stereo are enabled in the SURROUND menu. This manages the difference in intensity between very loud and very soft sounds.
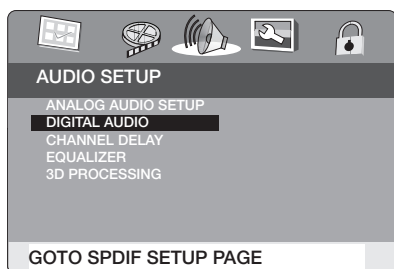Set the slider using the ▲▼ keys. (Default OFF)

-- ANALOG AUDIO SETUP PAGE --

SURROUND	STR	FULL
FRONT SPEAKER	LRG	
CENTER SPEAKER	LRG	3 / 4
REAR SPEAKER	LRG	1 / 2
SUBWOOFER	ON	1 / 4
DUAL MONO		
DOLBY DYNAMIC		OFF

HANDSET KEYS
▲▼to select an item
▶to go to the item choice
▲▼to choose an item
ENTER to Confirm
◀ to Return

DIGITAL AUDIO SETUP PAGE

• Navigate to DIGITAL AUDIO. Press ENTER

AUDIO SETUP

ANALOG AUDIO SETUP
DIGITAL AUDIO
CHANNEL DELAY
EQUALIZER
3D PROCESSING

GOTO SPDIF SETUP PAGE

-- DIGITAL AUDIO SETUP PAGE --

DIGITAL OUTPUT   SPDIF/OFF
LPCM OUTPUT   48K   **SPDIF/RAW**
                    SPDIF/PCM

SET UP SPDIF
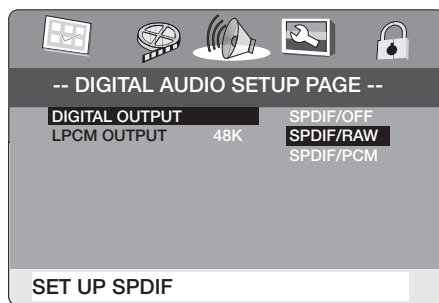
The SPDIF setting affects the Coaxial Digital Output only.

• Select OFF if you are not using this output.

• Select RAW if the Digital Output is connected to a **second** Home Cinema processor (default).

• Select PCM if the Digital Output is connected to a stereo amplifier DAC or a pair of digital speakers.

When SPDIF/PCM mode is enabled the Sampling Rate can be altered. Unless your amplifier/digital speaker specifically recommends 96 kHz leave the setting at 48 kHz.
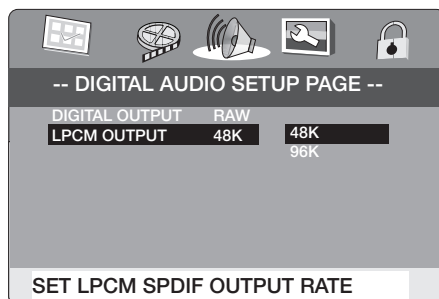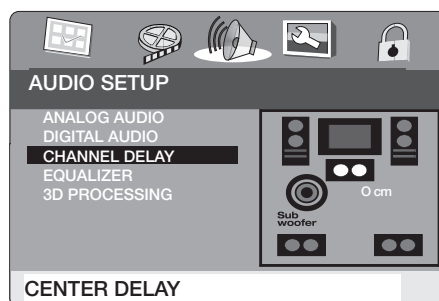
-- DIGITAL AUDIO SETUP PAGE --

DIGITAL OUTPUT   RAW
LPCM OUTPUT   48K   48K
                         96K

SET LPCM SPDIF OUTPUT RATE

CHANNEL DELAY

• Navigate to CHANNEL DELAY. Press ENTER

AUDIO SETUP

ANALOG AUDIO
DIGITAL AUDIO
CHANNEL DELAY
EQUALIZER
3D PROCESSING

0 cm

Sub woofer

CENTER DELAY

If the speakers are at unequal distances from the listening seat the sound arrives at different times and the sound image may be poor. The **Channel Delay** settings compensate for this.
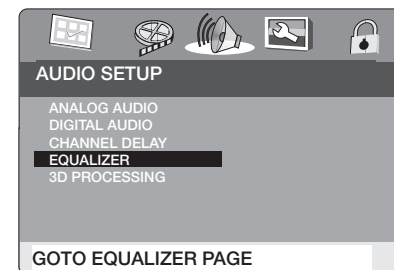
1. Place the listening seat central to the Front speakers.

2. Measure the distance between the listening seat and the different speakers.

3. Select a loudspeaker with the ▲▼ keys.

4. With the ▶◀ keys enter *the difference between the distance from the Front speakers and the chosen speaker.* **Example:** If you are sitting 3 metres from the Front speakers and 2 metres from the Centre speaker, enter 100 cm (1metre) for the Centre speaker.

5. Select the Centre, Subwoofer and surround speakers in turn and enter all the data.

6. Press **PLAY/ENTER** to confirm the settings.

7. Press ◀ to return to the Audio page.

NOTE: All the loudspeakers should be the same distance or closer to the listening seat than the Front speakers. If the distance is greater (as it may be in the case of the Subwoofer) set the distance to 0. *There is no facility for setting distances greater than the Front speakers.*

The centre speaker is the most critical and should be set up accurately. The subwoofer is less critical.

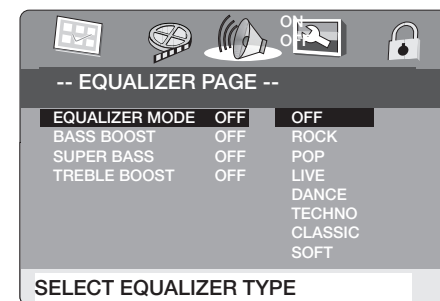## EQUALIZER

• Navigate to EQUALIZER. Press ENTER

AUDIO SETUP

ANALOG AUDIO
DIGITAL AUDIO
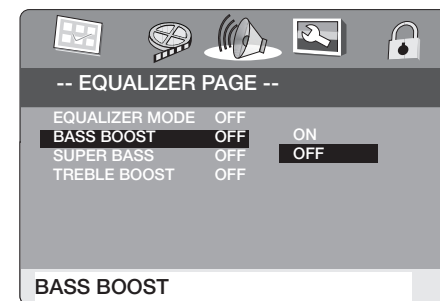CHANNEL DELAY
EQUALIZER
3D PROCESSING

GOTO EQUALIZER PAGE

EQUALIZER MODE

Select an effect to add atmosphere. If you are listening to a movie in 5.1 mode we suggest you set the mode to **Normal.**

ON
OFF

-- EQUALIZER PAGE --

EQUALIZER MODE   OFF   OFF
BASS BOOST   OFF   ROCK
SUPER BASS   OFF   POP
TREBLE BOOST   OFF   LIVE
                          DANCE
                          TECHNO
                          CLASSIC
                          SOFT

SELECT EQUALIZER TYPE

BASS BOOST: SUPER BASS: TREBLE BOOST

-- EQUALIZER PAGE --

EQUALIZER MODE   OFF
BASS BOOST   OFF   ON
SUPER BASS   OFF   **OFF**
TREBLE BOOST   OFF

BASS BOOST

• Set these parameters **ON** or **OFF**.

We recommend that all these parameters should be set to **OFF** especially when watching movies as the sound is pre-equalised. Additionally, setting bass boost could overload the system and reduce maximum undistorted output levels.

3D PROCESSING PAGE

Navigate to the **3D PROCESSING** Page.
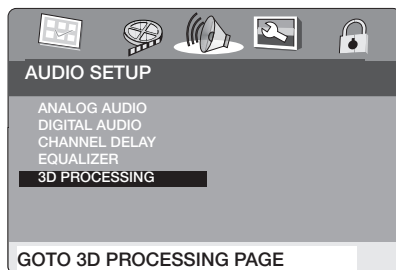
```
-- AUDIO SETUP --
ANALOG AUDIO
DIGITAL AUDIO
CHANNEL DELAY
EQUALIZER
3D PROCESSING

GOTO 3D PROCESSING PAGE
```

HANDSET KEYS
▲▼ to select an item
▶ to go to the item choice
▲▼ to choose an item
ENTER to Confirm
◀ to Return

```
-- 3D PROCESSING PAGE --
PRO LOGIC II
DSP MODE        OFF

GOTO PRO LOGIC II CONFIG PAGE
```
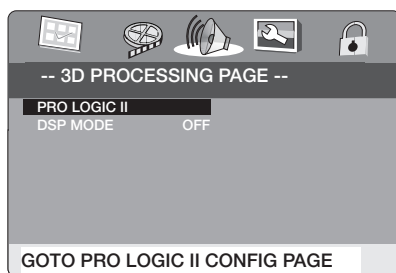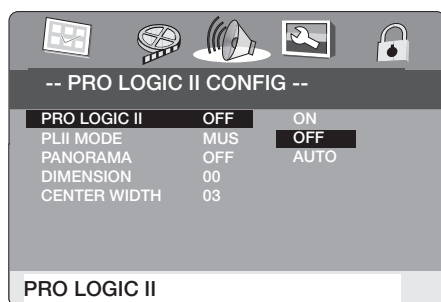
HANDSET KEYS
▲▼ to select an item
▶ to go to the item choice
▲▼ to choose an item
ENTER to Confirm
◀ to Return

- Press **PLAY/ENTER** to go to the **PROLOGIC II CONFIG** page.
- Select a mode.
- Press **PLAY/ENTER** to set the **MODE.**

```
-- PRO LOGIC II CONFIG --
PRO LOGIC II      OFF        ON
PLII MODE         MUS        OFF
PANORAMA          OFF        AUTO
DIMENSION         00
CENTER WIDTH      03

PRO LOGIC II
```

HANDSET KEYS
▲▼ to select an item
▶ to go to the item choice
▲▼ to choose an item
ENTER to Confirm
◀ to Return

OFF: Pro Logic II processing is disabled. All the other options on this page will be unavailable. *This is the Default mode.*
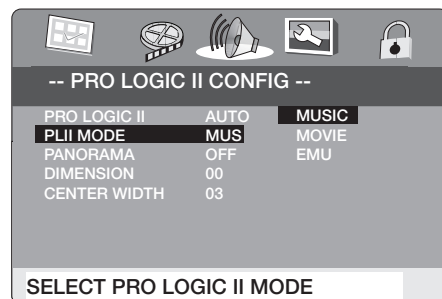
ON: Pro Logic II is always on.

AUTO: Pro Logic II processing is on only when Dolby Pro Logic II encoded content is detected.

To access the PLII Mode Screens:

- Select AUTO or ON; Press**PLAY/ENTER**

- PLII MODE

```
-- PRO LOGIC II CONFIG --
PRO LOGIC II      AUTO       MUSIC
PLII MODE         MUS        MOVIE
PANORAMA          OFF        EMU
DIMENSION         00
CENTER WIDTH      03

SELECT PRO LOGIC II MODE
```

HANDSET KEYS
▲▼ to select an item
▶ to go to the item choice
▲▼ to choose an item
ENTER to Confirm
◀ to Return

Dolby Pro Logic II creates five full-bandwidth channels from 2-channel sources.

When you select Pro Logic II Music : The Panorama, Dimension and Centre width screens become operative. These parameters can be adjusted as shown BELOW. Use this mode to apply surround processing to 2-channel audio discs.

Pro Logic II Movie is pre-configured by Dolby. There are no user settings. Use this mode for applying surround processing to 2-channel movies.
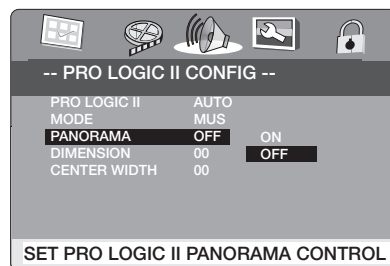
EMU: The processor emulates a version of Pro Logic- a legacy format which has been superseded by Pro Logic II Movie. We suggest you use Pro Logic II Movie with this system.

NOTE: If you are using only the front speakers, the format will be 2-channel regardless of any Pro Logic II selection.

PRO LOGIC II MUSIC MODES

Panorama mode extends the front stereo image to include the surround speakers for a 'wraparound' effect with side wall imaging. This is effective for recordings with strong left or right-channel elements in the mix.
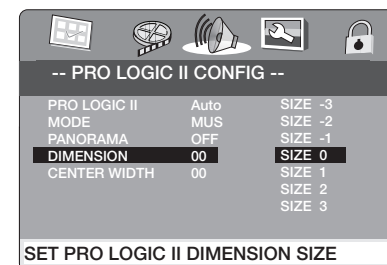
Adjustment: On/Off

```
-- PRO LOGIC II CONFIG --
PRO LOGIC II      AUTO
MODE              MUS
PANORAMA          OFF        ON
DIMENSION         00         OFF
CENTER WIDTH      00

SET PRO LOGIC II PANORAMA CONTROL
```

HANDSET KEYS
▲▼ to select an item
▶ to go to the item choice
▲▼ to choose an item
ENTER to Confirm
◀ to Return

Dimension Control allows you to move the sound field towards the front or the rear, depending on how much spatial effect there is in a stereo recording.

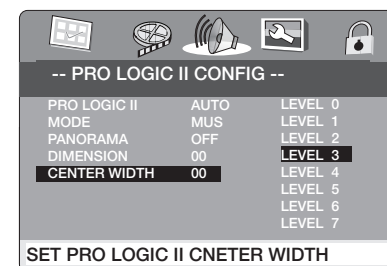Adjustment: Size : -3 to 3: 0 is mid point

```
-- PRO LOGIC II CONFIG --
PRO LOGIC II      Auto       SIZE  -3
MODE              MUS        SIZE  -2
PANORAMA          OFF        SIZE  -1
DIMENSION         00         SIZE   0
CENTER WIDTH      00         SIZE   1
                             SIZE   2
                             SIZE   3

SET PRO LOGIC II DIMENSION SIZE
```

HANDSET KEYS
▲▼ to select an item
▶ to go to the item choice
▲▼ to choose an item
ENTER to Confirm
◀ to Return

Center Width Control allows the sound of the centre-channel to be apportioned between the centre channel loudspeaker and the left/right front loudspeakers, from 'no sound' in the centre to 'full' centre performance.
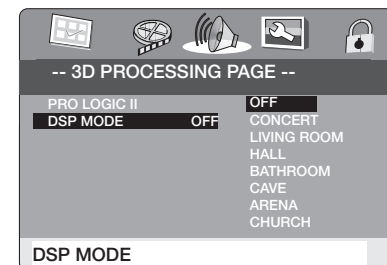
Adjustment: L/R : 0-7: 4 is mid point.

```
-- PRO LOGIC II CONFIG --
PRO LOGIC II      AUTO       LEVEL  0
MODE              MUS        LEVEL  1
PANORAMA          OFF        LEVEL  2
DIMENSION         00         LEVEL  3
CENTER WIDTH      00         LEVEL  4
                             LEVEL  5
                             LEVEL  6
                             LEVEL  7

SET PRO LOGIC II CNETER WIDTH
```

HANDSET KEYS
▲▼ to select an item
▶ to go to the item choice
▲▼ to choose an item
ENTER to Confirm
◀ to Return

DSP MODE

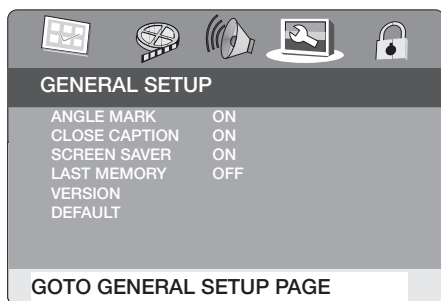- Navigate to DSP MODE
- Select a mode with the ▲▼ keys

```
-- 3D PROCESSING PAGE --
PRO LOGIC II                 OFF
DSP MODE          OFF        CONCERT
                             LIVING ROOM
                             HALL
                             BATHROOM
                             CAVE
                             ARENA
                             CHURCH

DSP MODE
```

HANDSET KEYS
▲▼ to select an item
▶ to go to the item choice
▲▼ to choose an item
ENTER to Confirm
◀ to Return

- Press **PLAY/ENTER** to confirm
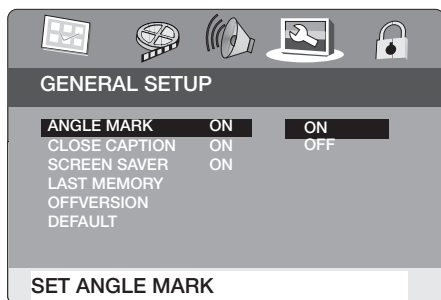- Press ◀ repeatedly to return to the Audio Setup page.

THE GENERAL SETUP PAGE

- Navigate to the GENERAL SETUP PAGE.

GENERAL SETUP

ANGLE MARK	ON
CLOSE CAPTION	ON
SCREEN SAVER	ON
LAST MEMORY	OFF
VERSION	
DEFAULT	

GOTO GENERAL SETUP PAGE

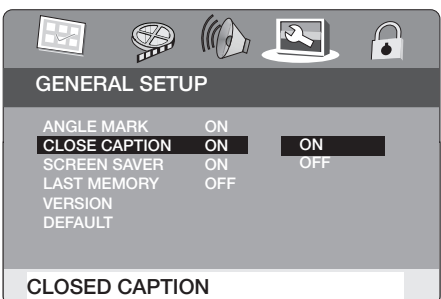- Press PLAY/ENTER

ANGLE MARK

This enables you to select different camera angles or set the feature OFF. *For this feature to work the DVD disc has to support multiple camera angles.*

GENERAL SETUP

ANGLE MARK	ON	ON
CLOSE CAPTION	ON	OFF
SCREEN SAVER	ON	
LAST MEMORY		
OFFVERSION		
DEFAULT		

SET ANGLE MARK

CLOSE CAPTION

Some DVD discs have selected screens with captions. You can set the feature ON or OFF.

GENERAL SETUP

ANGLE MARK	ON	
CLOSE CAPTION	ON	ON
SCREEN SAVER	ON	OFF
LAST MEMORY	OFF	
VERSION		
DEFAULT		

CLOSED CAPTION

SCREEN SAVER

This option enables/disables the screen saver.

When the screen saver is on, after a period of inactivity the player displays a moving image on screen. This stops 'screen burn'. which can happen even on LCD screens.
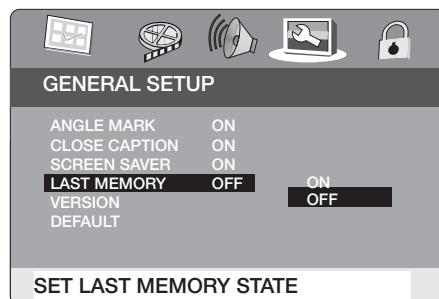*We suggest that the screen saver always be enabled.*
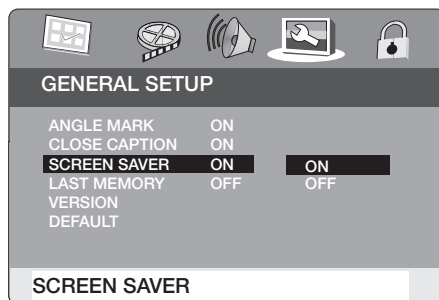
GENERAL SETUP

ANGLE MARK	ON	
CLOSE CAPTION	ON	
SCREEN SAVER	ON	ON
LAST MEMORY	OFF	OFF
VERSION		
DEFAULT		

SCREEN SAVER

LAST MEMORY

This enables/disables the Last Memory option. *See Page 21*

GENERAL SETUP

ANGLE MARK	ON	
CLOSE CAPTION	ON	
SCREEN SAVER	ON	
LAST MEMORY	OFF	ON
VERSION		OFF
DEFAULT		

SET LAST MEMORY STATE

VERSION

Press PLAY/ENTER to display the software version.
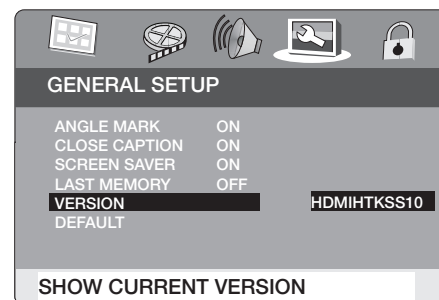
GENERAL SETUP

ANGLE MARK	ON	
CLOSE CAPTION	ON	
SCREEN SAVER	ON	
LAST MEMORY	OFF	
VERSION		HDMIHTKSS10
DEFAULT		

SHOW CURRENT VERSION

RESTORING PLAYER DEFAULT SETTINGS

- Select DEFAULT:
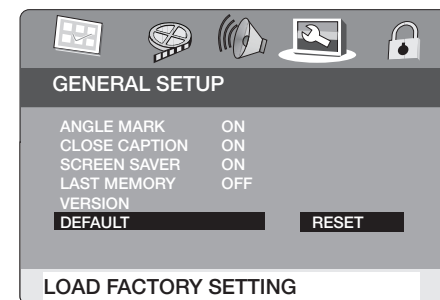
GENERAL SETUP

ANGLE MARK	ON
CLOSE CAPTION	ON
SCREEN SAVER	ON
LAST MEMORY	OFF
VERSION	
DEFAULT	RESET

LOAD FACTORY SETTING

- Press PLAY/ENTER
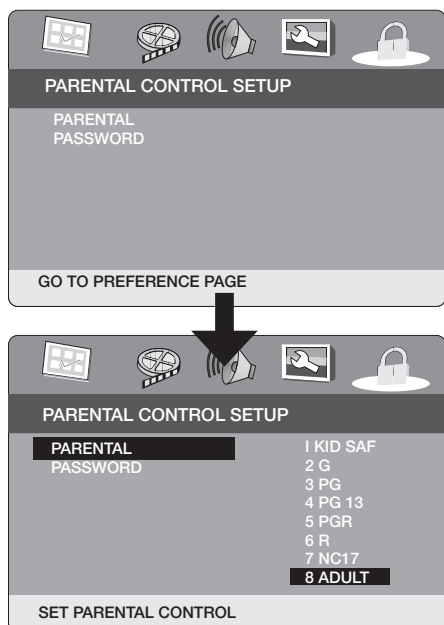- Press PLAY/ENTER a second time.

This restores the player to the settings it had when it left the factory.
Parental Control Settings are not affected.

The player will automatically exit the Settings Menu when this procedure is completed.

PARENTAL CONTROL SETTINGS

Navigate to PARENTAL CONTROL SETUP: Press PLAY/ENTER

NOTE: Adult level is the factory default.

Press PLAY/ENTER

Select a Rating:

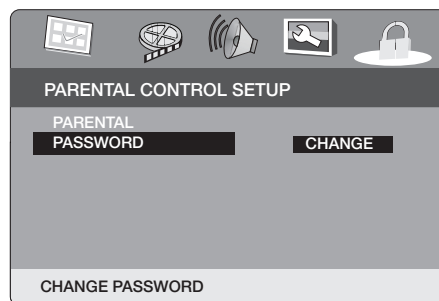Press PLAY/ENTER

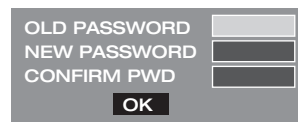Input the password 138900 at the prompt.

Press PLAY/ENTER

ONLY If the password is accepted will the rating change. To change the password refer to the next column.

SETTING AND CHANGING THE PASSWORD

• Press ▲▼ to select PASSWORD
• Press PLAY/ENTER

• Press PLAY/ENTER a second time.

At the prompt:

• Enter 138900

At the prompt:

• Enter the new password.

At the prompt:

• RE-ENTER this password to confirm.
• Press ENTER to confirm and store the password.
• Press SETUP to leave the SETUP menu
• **The password 138900 operates even when a new password is set.**

To exit the Setup menu:

• Press the SETUP key.

OPERATION

CALIBRATING SYSTEM VOLUME

Before using the system you should calibrate the sound levels of all the speakers.Press the VOL+/- keys to set a system level around 45.

1. With the 2/5.1 CH key select DOWNMIX STEREO mode (Centre & Surround Channels. OFF).
2. Press the CH-LEVEL key on the handset. This will select the Front Left speaker. DO NOT adjust this speaker.
3. Press the CH-LEVEL key again. This will select the Front Right speaker. Set the level of this speaker with the VOL+/- key to be the same as the Front Left. Now select and adjust the Sub-woofer to the same level as the Front speakers.
4. With the 2/5.1 CH key select DOWNMIX 5.1 CH mode (Centre & Surround Channels. ON).
5. Select and adjust the centre and both surround speaker levels to be the same as the front speakers.

SELECTING AN INPUT

• Press the DVD, USB, or AUDIO IN key on the handset to select the desired input.

PLAYING A DVD DISC

• Press the OPEN/CLOSE key on the handset or the player to open the drawer.

Opening the Disc drawer automatically selects Disc Play Mode.

• Load a DVD disc into the tray, label side up.
• Press the OPEN/CLOSE key on the handset or the player to close the drawer.

The disc will now load. Some formats take more time to load than others as the player has to download the Table of Contents (TOC).

DVD discs will display the ROOT or TITLE menu. In a few cases where there is only one title the disc may play. The ROOT menu is the basic menu of a DVD disc This menu loads when you first insert a disc. To access this menu at other times, press the MENU key.

To access theTITLE menu, press the TITLE key. The TITLE menu shows the titles on the DVD disc. On many DVDs the ROOT and TITLE menus are the same. Each TITLE is divided into CHAPTERS. So you can play all, or any part of the disc you choose.

BASIC OPERATION

1) To play a DVD disc from the beginning
Press ▶❚❚ on the handset or the player (or ENTER on the handset)

2) To skip the Intro Sequence on a DVD
Press SHORTCUT on the handset. Many DVDs will not allow this operation.

3) To change tracks when a DVD disc is playing
Press NEXT ▶▶❘ to go forward one track at a time

Press PREVIOUS ❘◀◀ to go back one track at a time

When you reach the final track you cannot go to the first track using NEXT (Some DVDs will return you to the Title screen).

Press PREVIOUS ❘◀◀ to go back through the tracks.

4) Fast Forward Playback

`▶▶   2x`

Press ▶▶ repeatedly

The speed cycles 2X➔4X➔8X➔16X➔32X➔Normal

Press ENTER or cycle to Normal Speed to resume normal play

5) Fast Reverse Playback

`◀◀   2x`

Press ◀◀ repeatedly

The speed cycles 2X➔4X➔8X➔16X➔32X➔Normal

Press PLAY/ENTER or cycle to Normal Speed to resume normal play

6) To Pause/Restart a disc during Play:

`❚❚`

Press ❚❚ to pause. Press ❚❚ or PLAY/ENTER to resume.

7) Frame Advance
Repeatedly press STEP.

`❚❚▶`

The film advances on frame at a time.

`▶`

Press PLAY/ENTER to resume normal play.

8) Zoom:

`   2X`

Press ZOOM repeatedly

The picture size changes 2X ➔3X➔4X➔1/2X ➔1/3X ➔1/4X ➔1X

When Zoom is greater than 1: use the ▲◀▶▼keys to shift the zoom point.

9) To alter the volume:
Use the VOL+/- keys on the handset to alter volume from 0 (min) up to 50 (max).

10) To mute/unmute the volume:
Press the MUTE key on the handset.

---

11) Stopping the Disc

The STOP ■ button has two modes.

When a disc is paused the laser is active. If the disc is paused for too long the surface may burn. A special stop mode is available which stops the laser and the disc but memorises the position. When PLAY/ENTER is next pressed the disc picks up where it left off.

Press STOP ■ on the handset or the player.

Press PLAY/ENTER to play from the point at which STOP was pressed.

`Press Play Key to Continue   ▣`

Press STOP ■ twice.

The message 'Press PLAY Key to Continue' disappears and the disc is now stopped.

`              ▣`

Press PLAY/ENTER to play the disc.

NOTE: If there is no activity i.e the disc is stopped or no disc is loaded, after a few minutes the screen saver will appear.

After Use: Stop the disc and remove it. Now switch the player off.

IMPORTANT: IF YOU CHANGE INPUTS DURING DISC PLAY THE DISC WILL STOP AND THE SELECTED INPUT WILL PLAY.

ADVANCED OPERATION

ON SCREEN DISPLAY
An On Screen Display (OSD) disc status indicator will be displayed at the top of the TV screen when certain functions are executed, or when the DISPLAY button on the handset is pressed.

If you give the player an invalid command it will be ignored and a 'No Entry' sign will flash on screen.   ⊘

DVD DISC ROOT AND TITLE MENUS
* **To display the ROOT menu:** Press MENU on the handset or the player. The Root Menu displays the hierarchical structure of the DVD disc. If a disc is playing it will stop.
* **To display the TITLE menu:** Press TITLE on the handset. All the user choices on the disc are driven from this menu. The title menu may contain one or more titles. (On many DVDs the TITLE and ROOT menus are the same).

DIRECT PLAY FROM THE TITLE MENU
Press TITLE on the handset to display the TITLE menu

Navigate to the title with the ▲ ▼ ▶ ◀ keys on the handset

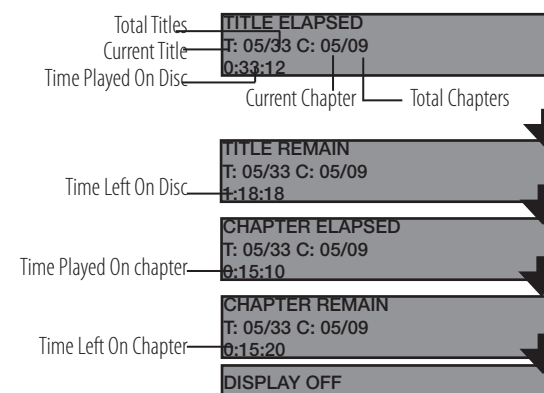To play the title: Press PLAY/ENTER

Some DVD discs restrict access to the Title menu.

CHECKING THE OPERATIONAL STATUS
The ON SCREEN DISPLAY can be configured to show the current title playing, the chapter being played and various time modes.

Press the DISPLAY) key continuously to cycle the Display Modes:

Total Titles — TITLE ELAPSED
Current Title — T: 05/33 C: 05/09
Time Played On Disc — 0:33:12
Current Chapter —— Total Chapters

TITLE REMAIN
T: 05/33 C: 05/09
Time Left On Disc — 1:18:18

CHAPTER ELAPSED
T: 05/33 C: 05/09
Time Played On chapter — 0:15:10

CHAPTER REMAIN
T: 05/33 C: 05/09
Time Left On Chapter — 0:15:20

DISPLAY OFF

During Play: You can change chapters by pressing the chapter no.

To select a number between 0 and 9 enter the number. To select numbers from 10-19 (e.g. 12) press the 10+ key and then the number (2). To select a number between 20 and 29 press the 10+ key twice followed by the number, and so on.

Direct Selection From the TITLE Menu:

`SELECT 05`

* Enter a number.

The player will usually go to the start of the chapter indicated by the number you enter. If there is more than one title on the disc, entering a number may take you to the title. Play begins from the start of the selection. *(Needs Disc Support)*

Direct Selection During Play

`T:  01/33  C:  02/09`

* Enter a number (say 2).

The player will jump to the start of the chapter/title indicated.

REPEAT PLAY
Pressing the REPEAT key will:

A: Repeat a Chapter   `⟳ Chapter`

B: Repeat a Title   `⟳ Title`

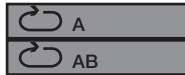C: Repeat the entire disc `⟳ ALL`

D: Cancel REPEAT   `Repeat Off`
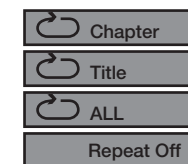
In REPEAT mode the selection repeats continuously until cancelled.

REPEATING A CHOSEN PASSAGE (A-B Repeat)

- Press REP A-B at the start of the selection
- Press REP A-B at the end of the selection
- The passage repeats continuously
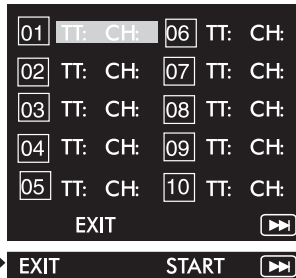- Press REP A-B to return to normal play

PROGRAM PLAY

You can program up to 20 titles or chapters to play in any order.

- Press **PROGRAM.** The PROGRAM menu appears

Using the number keys:

Fill in the title (TT) and chapter (CH) numbers.

After you enter the first item the lower part of the screen will change to: →

The cursor moves automatically, but can be moved with the ▲▼▶◀ keys.

To correct mistakes: reselect the item and re-enter the numbers.

If you enter an invalid Title or Chapter no. the entry will self clear

To clear a Program entry: Select the entry, press CLEAR.

To enter selections from 11-20:

Highlight ▶▶ and press the PLAY/ENTER key to move to the next page.

To play the program: Highlight START; press PLAY/ENTER.

To cancel the program: Highlight EXIT, press PLAY/ENTER.

During program play: Press PROG to view a program.

To stop and cancel a program:

Highlight STOP. Press PLAY/ENTER. The program contents will clear Highlight ▶▶ and press PLAY/ENTER to start a new program. OR Highlight EXIT and press PLAY/ENTER to clear the screen.

Pressing the **STOP ■** key twice will also cancel Program play.

SELECTING SUBTITLES (Requires Disc Support)

Repeatedly press SUB. to choose a supported language.

Subtitle - 1/02 English
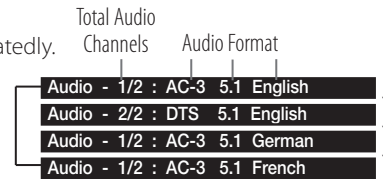Subtitle - 1/02 French
Subtitle   Off
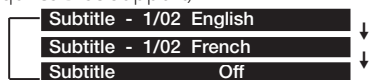
CHANGING AUDIO SETTINGS (Requires Disc Support)

The player allows you to select a preferred language, TV and audio format from those included on the DVD video disc.

During play:

- Press **L/R/LANG** repeatedly.

The choices will cycle:

First the Audio Formats

Then the Languages

Total Audio Channels   Audio Format

Audio - 1/2 : AC-3 5.1 English
Audio - 2/2 : DTS 5.1 English
Audio - 1/2 : AC-3 5.1 German
Audio - 1/2 : AC-3 5.1 French

After you have entered the selection, the program will play with the new settings.

The player will support Dolby 5.1 formats from the HDMI speaker and digital outputs but will downmix programs to 2-channel mode via the analogue and SCART output. DTS is not supported.

CHANGING THE CAMERA ANGLE (Requires Disc Support)

During playback of a DVD disc:

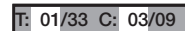Press ANGLE repeatedly to select a camera angle. A DVD may contain up to 9 angles.

2/3

THE 'GO TO' COMMAND

The GO TO command can be used to select a title or chapter by number and to access the disc by directly entering the time.
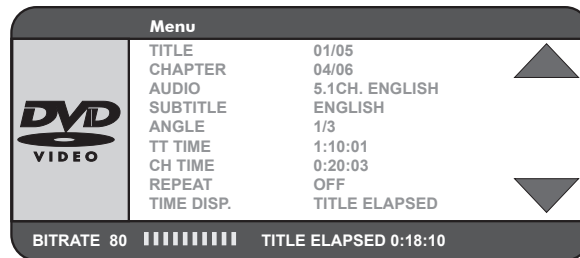
From the Title Menu: Press **T/F**

T: 01/33 C: 03/09

- Enter the Title (say 1). Enter the Chapter (say 3).

The disc will play from the start of Track 1, Chapter 3.

During Play:

Press **T/F:** The GOTO menu will appear beneath the movie

Menu	
TITLE	01/05
CHAPTER	04/06
AUDIO	5.1CH. ENGLISH
SUBTITLE	ENGLISH
ANGLE	1/3
TT TIME	1:10:01
CH TIME	0:20:03
REPEAT	OFF
TIME DISP.	TITLE ELAPSED

BITRATE 80 IIIIIIIIIII   TITLE ELAPSED 0:18:10

The GOTO MENU enables access to a wide range of parameters and information. The routine to access each parameter is as follows:

WHILE THE DISC IS PLAYING:

- Press **T/F**
- Access the menu item with the ▲ ▼ keys on the handset
- Press ENTER.

SELECTING TITLES AND CHAPTERS

If there are no choices you can only select the default item.

- Press T/F

MENU	
TITLE	_1/05
CHAPTER	04/06
AUDIO	5.1CH. ENGLISH
SUBTITLE	ENGLISH

BITRATE 80 IIIIIIIIIII TITLE ELAPSED 0:18:10

- Access **TITLE** or **CHAPTER** with the ▲▼ keys on the handset
- Press **PLAY/ENTER** to select the item. A cursor appears.
- Use the number keys to enter the wanted title or chapter. Enter numbers from 1-9 as 01, 02, etc. (Example: Enter Title No. 4)
- Press 0. The cursor moves to the right   Title   0_/05
- Press 4.   Title   04/05
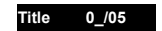
Play commences immediately. The thumbnail at the top of the screen displays the new chapter, title etc.

- **To exit the menu and return to full screen view:** Press T/F
- **To choose another menu item:** Press the ▲ ▼ keys.

AUDIO MENU

- Press T/F

MENU	
TITLE	01/05
CHAPTER	04/06
AUDIO	5.1CH. ENGLISH
SUBTITLE	ENGLISH

BITRATE 80 IIIIIIIIIII
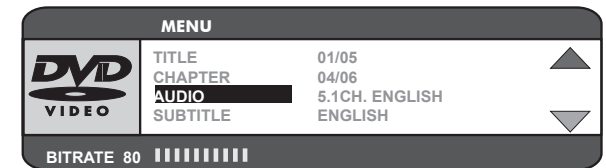
- Choose **AUDIO** with the ▲ ▼ keys. Press **PLAY/ENTER** to select.

AUDIO
5.1 AC3 ENGLISH
5.1 AC3 GERMAN
5.1 AC3 FRENCH
2.1 AC3 ENGLISH

BITRATE 80 IIIIIIIIIII

- Use the ▲ ▼ keys to select the parameter. Press **PLAY/ENTER.** The previous screen will display with the new setting

MENU	
TITLE	01/05
CHAPTER	04/06
AUDIO	2.1 AC3 ENGLISH-
SUBTITLE	ENGLISH

BITRATE 80 IIIIIIIIIII
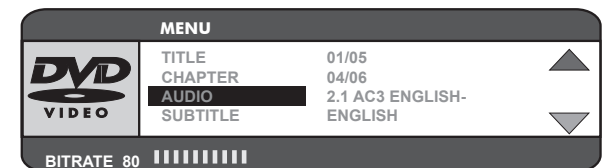
• Press T/F to exit the menu and return to full screen view. If you press T/F before you press ENTER the setup will not change.

SUBTITLE MENU (Subtitles must be enabled in the Setup menu)

• Navigate to SUBTITLE with the ▲ ▼ keys. Press PLAY/ENTER.

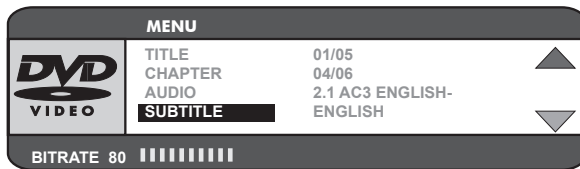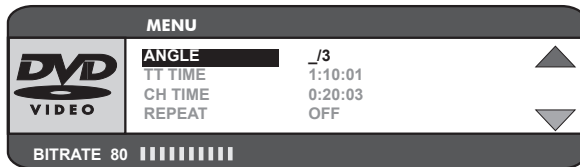| MENU	
DVD VIDEO	TITLE 01/05
	CHAPTER 04/06
	AUDIO 2.1 AC3 ENGLISH-
	SUBTITLE ENGLISH
BITRATE 80 ||||||||||	

• • Use the ▲ ▼ keys to select the parameter. Press ENTER.

SUBTITLE	
DVD VIDEO	ENGLISH
	GERMAN
	FRENCH
BITRATE 80 ||||||||||	

• Press T/F to exit the menu and return to full screen view.

ANGLE MENU
Navigate to ANGLE with the ▲ ▼ keys. Press PLAY/ENTER.

| MENU	
DVD VIDEO	ANGLE _/3
	TT TIME 1:10:01
	CH TIME 0:20:03
	REPEAT OFF
BITRATE 80 ||||||||||	

• Enter the angle number with the keypad. Press T/F to exit.

DIRECT SELECTION WITHIN A TRACK OR CHAPTER

The MENU screen displays the time of the title and chapter currently playing. The current title length is 1:10:01 and the chapter length is 0:20:03. If you choose a different Title/Chapter these times will change.

You can play a title or a chapter within the title from any point.

• Select the title or chapter you require (see previous instructions)
• Select TT TIME or CH TIME with the ▲ ▼ keys. Press PLAY/ENTER.

MENU	
DVD VIDEO	ANGLE 1/3
	TT TIME _:10:01
	CH TIME 0:20:03
	REPEAT OFF
BITRATE 80 ||||||||||	
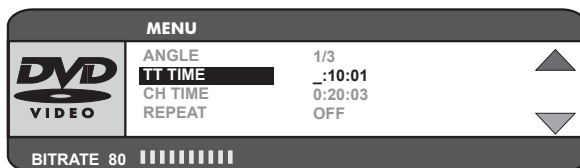
• Enter the time in H:MM:SS.

• To cancel an entry: Press the ◄ key

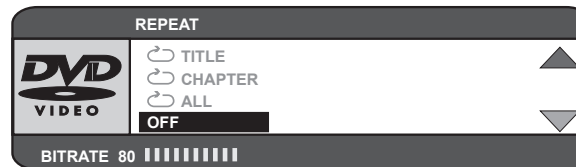The display reverts to total time but the disc plays from the selected time.

REPEAT
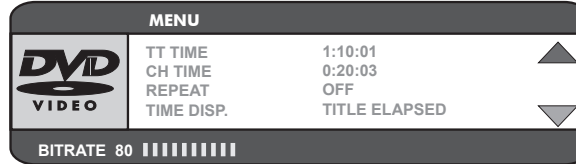• Navigate to REPEAT with the ▲ ▼ keys.

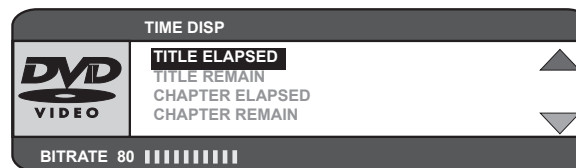| MENU	
DVD VIDEO	ANGLE 1/3
	TT TIME 1:10:01
	CH TIME 0:20:03
	REPEAT OFF
BITRATE 80 ||||||||||	

• Press PLAY/ENTER to select

REPEAT	
DVD VIDEO	⟳ TITLE
	⟳ CHAPTER
	⟳ ALL
	OFF
BITRATE 80 ||||||||||	

Select the passage to repeat the ▲ ▼ keys. Press PLAY/ENTER.

CHANGING THE TIME DISPLAY

MENU	
DVD VIDEO	TT TIME 1:10:01
	CH TIME 0:20:03
	REPEAT OFF
	TIME DISP. TITLE ELAPSED
BITRATE 80 ||||||||||	

• Navigate to TIME DISP with the ▲ ▼ keys.
Press ENTER to select

TIME DISP	
DVD VIDEO	TITLE ELAPSED
	TITLE REMAIN
	CHAPTER ELAPSED
	CHAPTER REMAIN
BITRATE 80 ||||||||||	

• Select with the ▲ ▼ keys,
• Press PLAY/ENTER to confirm;
• Press T/F to exit.

LAST MEMORY

To enable Last Memory:

• At the point you wish to stop, press STOP ■ .

You will see the message "Press Play Key To Continue"

Do not press STOP ■ a second time, or switch the player off or load a different disc otherwise the player will lose its settings!

• Open the disc tray
• Remove the disc.
• Re-load the disc.

The disc will load and play from the point where you stopped. The words "Last Memory" will briefly appear on the screen

"Last Memory" must be enabled in the System Menu - See P16

CHANGING THE AUDIO OUTPUT MODE

Press 2/5.1 to toggle between 5.1 and Stereo output.. In Stereo mode the centre and surround channels are disabled.

PLAYING AN AUDIO CD

Load an Audio CD into the player. The player reads the disc. Most CDs will start automatically - a very few won't. The player will display

Current Track ——— | T: 01/23 | ——— Total Tracks
Time played on track ——— | 00:12 |
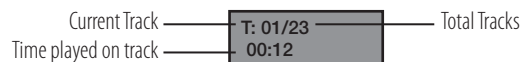
1) To play a disc from the beginning when it is stopped:
Press PLAY/ENTER**.**

2) To change tracks when a disc is playing

• Press NEXT ▶▶| to go forward one track at a time.

• Press PREVIOUS |◀◀ to go back one track at a time.

When you reach the final track:

• Press PREVIOUS |◀◀ to go back through the tracks.

3) Fast Forward / Reverse Playback

• Press ▶▶ or ◀◀ repeatedly:

Speed increases/decreases 2X➔4X➔8X➔16X➔32X➔Normal

• Pressing PLAY/ENTER will also restore normal play.

4) Pausing a disc
• Press ‖. The disc will pause
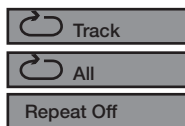• Press PLAY/ENTER or ‖ to resume normal play

5) Stopping and Re-starting a Disc

• Press STOP ■
• Press PLAY/ENTER to resume play from the stopping point.
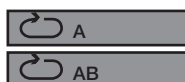
To completely stop a disc: Press Press STOP ■ twice.

6) Repeat
• Press REPEAT once to repeat the track.
• Press REPEAT again to repeat all tracks.
• Press REPEAT again to cancel repeat.

| ⟳ Track |
| ⟳ All |
| Repeat Off |

7) A-B Repeat
• Press A-B to select the start point (A)
• Press A-B to select the end point (B)
• Press A-B to return to normal play

| ⟳ A |
| ⟳ AB |

---

8) Display Indications
• Press the DISPLAY key once.
The time remaining on the track displays:

| TR | ➔ | T: 01/23 04:12 |

• Press the DISPLAY key again

The time elapsed on the disc displays:

| TOTAL ELAPSED | ➔ | T: 01/23 00:32 |

• Press the DISPLAY key again
The time remaining on the disc displays:

| DR | ➔ | T: 01/23 44:12 |

• Press the DISPLAY key once more.

The display reverts to show the time elapsed on the track.

| SINGLE ELAPSED | ➔ | T: 01/23 00:32 |

Note: When you stop a disc with the STOP key the currently selected display mode is retained in the player. If you now restart the disc this display mode will be re-instated. Opening and closing the disc drawer resets the display mode.

9) Program Play
You can program up to 20 tracks to play in any order. The procedure is the same as for a DVD. (see Page 19)

10) Mono/Stereo optons
• Press L/R/LANG continuously to toggle the Sound mode as shown.

| LEFT MONO |
▼
| RIGHT MONO |
▼
| MIX MONO |
▼
| STEREO |
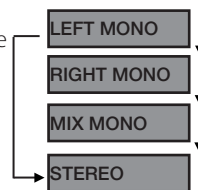
PLAYING A JPG DISC

Load a JPG disc into the player. The first picture will display after a brief period and then all the pictures will display in sequence as a slide show.

During the Slide Show
• Press ‖ to pause and re-start the slide show

• Press ▶ ◀ to rotate the picture 90° to the left or to the right. Eash press rotates the picture 90°. While a picture is being rotated the slide show will pause. To resume the slide show, return the picture to its normal orientation

SELECTING PICTURES
• Press STOP ■ to stop the disc. The Picture List will display.

```
00:00  00:00
001/017        ▪▪▪▪▪▪▪▪▪▪▪▪▪    ▭

  ▨  Mum
  ▨  Dad
  ▨  Aunt Bertha
  ▨  Ski-ing
  ▨  Our Cat
  ▨  Picnic
```

A JPG disc may contain pictures or may have one or more folders with pictures in the folders. The player ignores all folder structures. The contents of all the folders appear in one file list for easy viewing.

Use the ▲ ▼keys to highlight a picture. Press PLAY/ENTER. The pictures display as a slide show starting with the selected picture.

OR Enter a number via the number keypad. All pictures will play as a slide show from that point.

REPEAT PLAY: Press REPEAT key to select the repeat options.

SINGLE: The player displays one image and then stops.
REPEAT ONE. The player repeats one image continuously.
REPEAT FOLDER: All images on the disc repeat continuously.
CANCEL REPEAT: All images play once and then the player stops.
Repeat status (except cancel) indicates at the top left of the screen.
Pressng STOP ■ will stop the disc but will not cancel repeat status. Opening and closing the disc drawer resets the repeat status to the default (Cancel Repeat).

PLAYING MPEG-4, JPG, MP3 & WMA FILES

The MPEG-4 standard covers many proprietary formats. Some will play on this player, others will be recognised by the player but will not play (some AVI files with unsupported codecs). Some files such as WMV (Windows) and MOV (Apple Quicktime) files are not recognised. WMA (Windows Media Audio) files are playable.

A mixed media disc may contain several file types or may have several files in one or more folders with pictures in the folders. The player ignores all folder structures. The contents of all the folders appear in one file list for easy viewing.

• Load an Mpeg-4 /WMA/JPEG (mixed media) disc.

If there are picture images on the disc:
The player will immediately begin playing all files which contain pictures as a slideshow. The disc will then stop (depending on the Repeat mode selected).

If there are no picture images on the disc:
The player will immediately begin playing all files which contain music. After all the music files have played the disc will stop. (depending on the Repeat mode selected)

When the disc has stopped or STOP ■ is presssed the main menu will display:
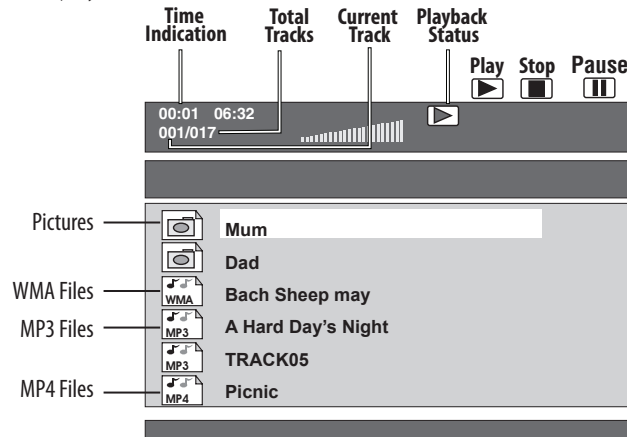
To play a file:
• Press ▲ ▼ to select a track.
• Press PLAY/ENTER to start play.

If you have selected a music track: the track will play. All the other **music** tracks will then play after which the disc will stop. (This depends on the repeat mode)

If you have selected a jpg: Starting with the image selected all

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the pictures play after which the disc stops. (This depends on the repeat mode)

REPEAT PLAY: Press REPEAT key to: select the repeat options

SINGLE: REPEAT ONE. REPEAT FOLDER: CANCEL REPEAT: Repeat status (except cancel) indicates at the top left of the screen.. (See Col. 1 for an explanation of repeat)

Press STOP ■ will stop the disc but will not cancel repeat status. Opening and closing the disc drawer resets the repeat status to the default (Cancel Repeat).

Program play is unavailable for JPG or MP3 playback.

PLAYING MUSIC WHILE VIEWING IMAGES

The player can display images and play WMA files on the same disc.
Load a mixed media disc.

• Press STOP ■ The main screen appears.

• Press ▲ ▼ to select a music track. The track can be in a folder or on the disc itself.

• Press PLAY/ENTER. The track will start playing.

• **Select a RepeatMode.** This affects the music and the slideshow. For example if you set "Folder Repeat" all the music in the selected music folder and all the images in the selected image folder will repeat continuously.

• Now navigate to the image you want to view.

• Press PLAY/ENTER. The slideshow will start with your music in the background.

• During the slideshow the rotate functions work.

• Pressing **II** will pause and play the slideshow but leave the music unaffected.

NOTE ON PLAYING JPG FILES

There is little point attempting to view JPG files larger than 1920 x 1080 pixels as the increased resolution will not be used and the loading times will slow down. Although the player will play quite large file sizes the loading times for such large files will be very slow.

PLAYING A USB DEVICE

You can play either a conventional USB flash drive or a memory card connected to a USB adaptor

• Connect a USB device to the USB input on the player.

• Press the USB key on the handset to activate the USB input.

In all other aspects, playing a USB device is identical to playing a mixed media disc and the same facilities are available.

Notes:

1. If you are using a USB extension cable keep it short - the cable should have a max. length of 500mm.

2. Depending on the amount of data and the speed of the media disc, it may take some time for the player to read the contents of the media device. In some cases, the reading time may be as long as 60 seconds. This is not a malfunction.

3. Even when they are in a supported format, some files may not play or display.

PLAYING AN AUXILIARY INPUT

• Press AUDIO IN to select the auxiliary audio input..

• If you are using an MP3 or personal player do not turn the volume up too high or you may cause distortion. Turn the level no more than two-thirds of the way up and control the volume from the Home Theatre System.

TROUBLESHOOTING

If your DVD player is not working properly use this guide before contacting Tesco. Before investigating a connection problem, always switch off the player and any connected units.

SYMPTOM	CORRECTIVE ACTION
No power	Is the mains connected?.
No Sound	Is the volume control turned up? Is the MUTE off?
No sound or picture	Check the system connections Cycle the video mode to restore the picture
Indistinct sound	One or more speakers is incorrectly connected. Connect all the speakers correctly.
Interference or scrolling	Copy protection on the disc. Avoid connecting to a recorder
Disc will not play Disc skips Disc Distorts	The DVD+-RW you played should be finalized. Ensure the disc is correctly inserted. Ensure the disc is free from scratches & marks. Insert a playable disc. (Check disc type and system). Is the disc Region 2? Cancel or change the parental lock level
No forward or reverse scan	Some discs prohibit rapid scanning or title and chapter skip. You can't advance through the opening credits and warning information at the beginning of movies.
Handset erratic or inoperative	Point the handset at the player not the screen! Flat handset battery. Handset too far from player or obstructed.
No surround or centre channels	Enable 5.1 operation/
FM is noisy	Retune the radio. Switch radio to mono.

AFTER USING YOUR PLAYER

- Remove any disc from the tray.
- Set the player to Standby.

CARE AND CLEANING

Occasionally wipe the player and the loudspeaker cabinets with a lint free duster. Never use liquids or solvents.

Loudspeaker grilles should be brushed by hand with a soft brush. Never use a vacuum cleaner to remove dust from loudspeaker grilles.

Use a proprietary disc cleaner to clean the disc compartnent. If your discs skip or don't play properly, this is more likely to be caused by damage or dirt on the disc rather than any fault of the unit.

CARE OF DISCS

DVD discs are fragile. Treat them with care. Always store them up-right in their packing; away from direct sunlight, heat and damp.

When handling discs, hold the disc's outer edge and/or the centre spindle hole. Do not touch the disc surface. Never bend or flex a disc.

Clean the disc surface with a soft, dry cloth. Wipe the disc surface gently, radially, from centre toward the outer edge. Never apply solvents to the surface of a disc.

WARRANTY

Your Technika appliance is covered by a warranty for 12 months from the date of purchase. If a fault develops during this period, please contact the TESCO electrical help line on 0845 456 6767. Please have your original purchase receipt with you when you call. This warranty in no way affects your consumer rights,

SPECIFICATIONS

Power supply	AC ~220 -240V/50Hz
Power consumption	105W
Working environment:	
Temperature	-10°~+35° C
Relative humidity	5 % ~90%
TV System	PAL/NTSC
Frequency Response	30Hz -20kHz ±3dB
THD+NOISE	<- 60dB (1kHz)
S/N Ratio	>80dB(1kHz) (A weighted)
Power output (Max)	15W x 5 (satellites): 30W (Subwoofer)

$C \in$

UK: Waste electrical products should not be disposed of with household waste. Separate disposal facilities exist, for your nearest facilities. See www.recycle-more.co.uk or in-store for details.

ROI: Produced after 13th August 2005. Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice.

Technika Tesco Stores Ltd, Delamare Road, Cheshunt, Herts, EN8 9SL

Technika Helpline: 0845 456 6767 (Calls cost up to 4p per minute from a BT landline, other providers may vary)