






THOMSON

DPL943W

User manual

 <p>THE LIGHTNING FLASH AND ARROWHEAD WITHIN THE TRIANGLE IS A WARNING SIGN ALERTING YOU OF A DANGEROUS VOLTAGE INSIDE THE PRODUCT.</p>	<p>CAUTION RISK OF ELECTRIC SHOCK - DO NOT OPEN</p> <p>CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE THE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.</p>	 <p>THE EXCLAMATION POINT WITHIN THE TRIANGLE IS A WARNING SIGN ALERTING YOU OF IMPORTANT INSTRUCTIONS ACCOMPANYING THE PRODUCT.</p>
SEE MARKING ON BOTTOM / BACK OF PRODUCT		

	<p>In accordance with the rating plate of the unit, this unit complies with current standards concerning electrical safety and electromagnetic compatibility.</p>
<p>LASER $\lambda = 780 \text{ nm}$, P max = 5 mW</p>	
<p>CAUTION - LASER RADIATION WHEN OPEN. DO NOT STARE INTO BEAM.</p>	



<p>CLASS 1 LASER PRODUCT</p>
--

Safety information - UK socket

Equipment for the UK is supplied with a mains cable fitted with a moulded plug.

Mains connection

This appliance is suitable for use on **A.C.** mains supply, **230 V - 50Hz** only. It must not be connected to **D.C.** mains.

Note: The mains lead of the appliance is fitted with a moulded plug. If the mains sockets are not compatible or if for any reason the plug is removed please follow the directions below.

The moulded plug cannot be rewired and if removed must be disposed of safely. Remove the fuse to make it safer.

Do NOT under any circumstances plug the severed plug into any mains socket as this could result in an electric shock.

Important!

If the plug is removed, rewire new plug as follows: The wires in the mains plug are coloured in accordance with the following code:


BLUE - NEUTRAL

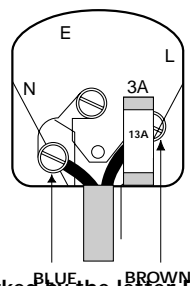
BROWN - LIVE

As the colours of the wires in the mains lead of this apparatus may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

BLUE wire to the terminal coded N (Neutral) or coloured black.

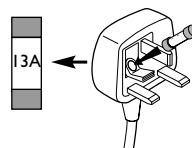
BROWN wire to the terminal coded L (Live) or coloured red.

Do NOT make any connection to the terminal in the plug which is marked by the letter **E** or by the safety symbol  or coloured green and yellow.



A fused plug must be fitted with a **13A** fuse approved by ASTA or BSI 362 and fuse covers must always be securely replaced.

If the fuse blows, check the mains cable for damage or call a qualified technician. Do not try to bridge the fuse or increase its rating!




! The OFF button  on the remote control and appliance does not completely disconnect the unit from the mains supply, but switches operating power on and off.

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This THOMSON product is designed and manufactured with high quality materials and components which can be recycled and reused.



This symbol means that electrical and electronic equipment, at their end-of-life, should be disposed of separately from your household waste.

Please, dispose of this equipment at your local community waste collection/recycling centre.

In the European Union there are separate collection systems for used electrical and electronic product.

Please, help us to conserve the environment we live in!

 **HELPLINE THOMSON**

You can contact THOMSON by dialling: **0871 712 1312**
(for United Kingdom, £0.10/mn inc VAT)

www.thomson-europe.com

In the interest of improving the quality of our products, we reserve the right to modify their features. The information in this manual is, therefore, subject to change and does not represent any kind of contract.

Some points to check before you connect your TV set

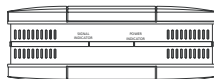
- Ensure that the mains supply in your house complies with that indicated on the identification sticker located on the back of your appliance.
- Install your appliance horizontally, away from any source of heat (fireplace) or appliances generating strong magnetic or electric fields. The components of this appliance are sensitive to heat. The maximum ambient temperature should not exceed 35° Celsius.
- Leave sufficient space around the appliance to allow adequate ventilation: 10 cm on either side and above it, as well as 5 cm at the back are ideal.
- The humidity of the room should not exceed 75%. If you have to use the appliance outdoors, do not expose it to rain or splashing water. The appliance should not be exposed to dripping or splashing and no objects filled with liquids, such as vases, should be placed on top of it.
- Moving it from a cold environment to a warm one is likely to cause condensation on some components inside the appliance. Let the condensation disappear of its own accord before turning the appliance on again.
- Before moving the player, make sure the disc tray is empty.

Other important information about using and cleaning your appliance is available at the end of the booklet.

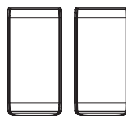
Accessories provided



**Remote control
and 2 non-rechargeable
batteries, type AAA**



Wireless signal receiver



**Left and right front
speakers**



Centre speaker



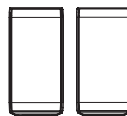
1 x Pig-tail aerial wire



**6 x Stripped wires
for speakers**



Subwoofer



**Left and right rear
speakers**

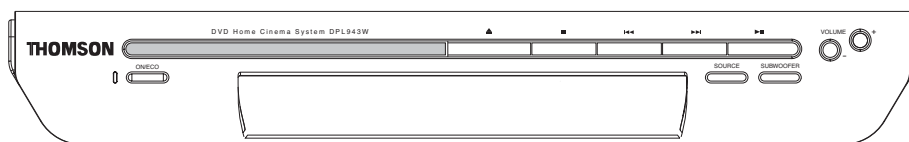
Caution!

Invisible laser radiation when open. Avoid exposure to beam. Class I laser product. This appliance must only be opened by a qualified engineer to prevent accidents caused by the laser beam.

DVD copy protection

In accordance with the DVD standard, your DVD player is equipped with a Copy Protection system, which can be switched on and off by the DVD disc itself, in order to make any recording of the relevant DVD disc onto a videotape of very poor picture quality, or even impossible. "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 use only unless otherwise authorized by Macrovision Corporation. Reverse engineering or disassembly is prohibited."

Front panel controls (buttons appearing left to right below)



ON/ECO - To switch the appliance on and off.

▲ - To open and close the DVD player's disc tray.

■ - To stop disc playback.

◀◀ - To skip to the previous chapter or track during playback. To move back to the previous preset memory location in Tuner mode.

▶▶ - To skip to the next chapter or track

during playback. To move to the next preset memory location in Tuner mode.

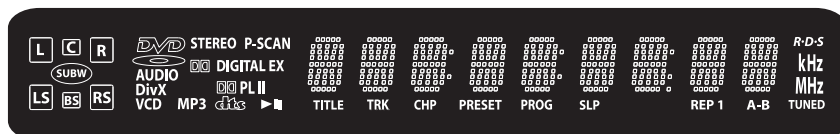
▶II - To start playing a disc or pause.

SOURCE - To select the input source.

SUBWOOFER - To toggle between different subwoofer modes.

VOLUME +/- - To adjust the sound volume.

Front panel display



Speaker icons.

DVD / (CD) AUDIO / DivX / VCD / MP3

Type of disc loaded.

STEREO

Tuner stereo signal detected.

P-SCAN

Progressive Scan activated.

DOLBY DIGITAL

Audio output in Dolby Digital mode.

DOLBY PLII

Audio output in Dolby PL II Movie, Dolby PL II Music or Dolby Prologic Emulation mode.

dts

Audio output in DTS mode.

▶II

Disc in playback or in pause.

TITLE

Title number (DVD).

TRK

Track number.

CHP

Chapter number (DVD).

PRESET

Preset station number.

PROG

Programme mode activated.

SLP

Sleep mode activated.

REP 1 / REP / A-B

Playback in repeat mode.

RDS

RDS data received.

kHz / MHz

Tuner frequency unit.

TUNED

Radio station tuned.

Notes:

dts DTS is a digital sound compression technique developed by Digital Theater Sound Systems for digital multichannel audio signals. "DTS" and "DTS Digital Out" are trademarks registered by Digital Theater Systems Inc.

DOLBY DIGITAL Dolby and the double-D symbol **DOLBY** are trademarks of Dolby Laboratories. Manufactured under license from Dolby Laboratories.

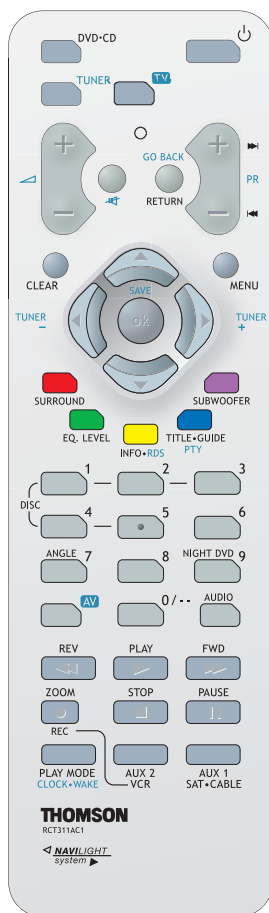
Connections and setup

The remote control

Navigating through menus



Use the direction buttons to navigate through the menus. Press the **OK** button on the remote control to confirm any selection you make.



Functions in DVD-CD mode



To switch the appliance on and off.

DVD-CD

To select the DVD player.



To adjust the sound volume.



To mute and restore the sound.

RETURN

To return to the previous menu.



To directly access the next or previous chapter (DVD) or track (CD).

CLEAR

To hide the **Info** menu. Return to main menu.

MENU

To access the Disc menu during play (if there is one).

SURROUND (red)

To change the Surround sound setting.

EQ. LEVEL (green)

To toggle between equaliser, BASS/TRE and channel settings.

Note: The EQ. LEVEL function is not available in AUX1, AUX2 and TV modes.

INFO (yellow)

To access the **Info** menu.

TITLE-GUIDE (blue)

To access the disc menu.

SUBWOOFER (purple)

To select among subwoofer output levels.

0-9

Number input.

NIGHT DVD

To toggle between the options of the Night Mode function (page 24).

ANGLE

To access the Camera angle function in the **Info** menu.

AUDIO

To access the Audio function in the **Info** menu.

REV

To start reverse accelerated play or reverse slow motion.

PLAY

To start playing a disc.

FWD

To start forward accelerated play or forward slow motion.

STOP

To stop play and access the main menu.

PAUSE

To activate freeze frame, frame advance or slow motion.

ZOOM


To access the Zoom function (page 12).

PLAY MODE

To access the Play mode function in the **Info** menu.

AUX1 / AUX2

To select various audio/video sources.

Note: In AUX1, AUX2 and TV modes, you need to press the  button twice within 2 seconds to turn off the appliance.

Functions in Tuner mode

TUNER



To select the tuner.



(mute)

To adjust the sound volume.



To mute and restore the sound.

To select programmed stations.

MENU

To store a station.

TUNER- / TUNER+

To tune down and up the radio frequencies.

INFO·RDS

To display RDS information.

AUDIO

To switch from Stereo to Mono mode and vice versa.

This remote control can be used with some recent TV set models from the following brands: Thomson, Saba, Brandt, Ferguson, Telefunken and Nordmende.

Note: The buttons described below operate as specified, provided that the relevant function is available on the television.

Functions in TV mode

TV

To select the television.

PR+/-

To change channel.

GO BACK

To return to the channel watched before last.

CLEAR

To exit a menu.

MENU

To access the television's main menu.



To use the Zoom function (with a 16/9 television only).

INFO (yellow)

To obtain information about the channel.

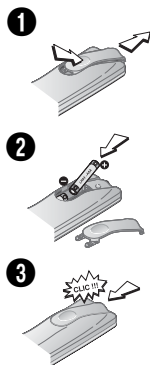
TITLE·GUIDE (blue)

To display the programme guide.

Note: The coloured buttons can also be used to access the Teletext topics indicated in colour (if your television has the Teletext function available).

0-9

To select a channel. For 2-digit channels, first press 0.



Inserting batteries in the remote control

- Do not mix different types of batteries or new and old batteries. Do not use rechargeable batteries.
- In order to avoid any risk of explosion, observe the polarities indicated inside the battery compartment. Replace only with the type of batteries specified above. Do not dispose of them in a fire or recharge them.
- If you are not using the remote control for a long period of time, remove the batteries.

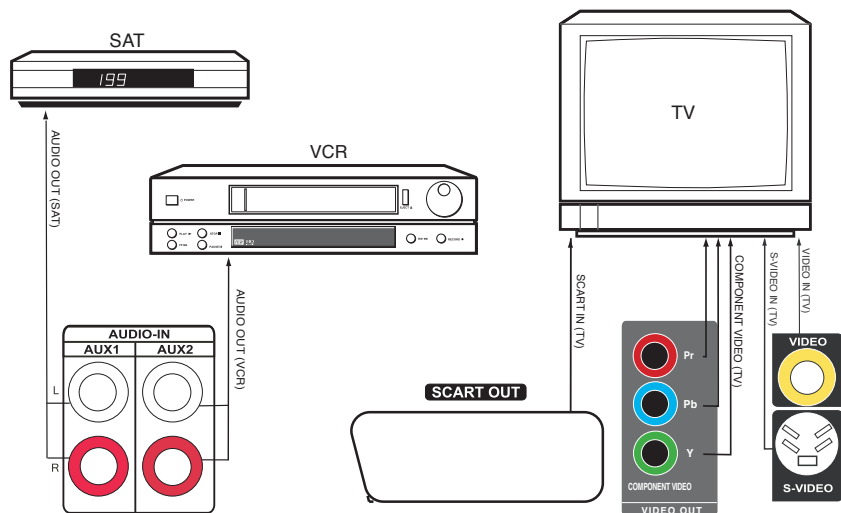


- Please respect the environment and prevailing regulations. Before you dispose of batteries or accumulators, ask your dealer whether they are subject to special recycling and if they will accept them for disposal.

Connections and Setup

Connecting to audio-visual equipment

Cables are not provided



Note: Use only one of the connection methods shown above for each type of equipment.

SCART VIDEO OUT



Scart cable

The SCART video socket provides the best quality for video signal. If there is no Scart socket is available on your TV set, check whether your TV has another Video socket (Composite, Component or S-Video) that you can use to connect your player.

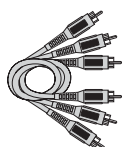
VIDEO OUT socket



Video cable (yellow)

This socket (yellow) is also known as a composite video socket. The picture quality obtained using a video connection is poorer compared to that obtained using a Scart connection.

Component video out



Component cable

The Y, Pb, Pr sockets provide optimum picture quality because the video signal is separated into three parts. To ensure maximum picture quality, use three video-grade cables for the connection. You can also buy bundled component video cables that are colour-coded to match the Y, Pb, Pr sockets (green, blue and red).

Note: If you have a high-definition TV set you can use the DVD player's progressive scan output to obtain the highest possible video resolution. In that case, you need to activate the **Progressive Scan** option in the **Display** menu (see page 23).



S-Video cable

S-VIDEO OUT socket

The S-VIDEO OUT socket provides better picture quality than composite video (the VIDEO OUT socket) because the colour is kept separate from the black and white part of the video signal. If your TV has an S-Video socket, connect the appliance to the TV with an S-Video cable (not supplied).



Audio cables
(red and white)

AUDIO IN L (left) and AUDIO IN R (right) sockets (AUX 1 and AUX 2)

These are analogue audio output sockets. The AUDIO L socket and cable are white, while the AUDIO R socket and cable are red.

Note: If one of the devices is not working, check that all the cables have been inserted properly into the sockets which they should be connected to.

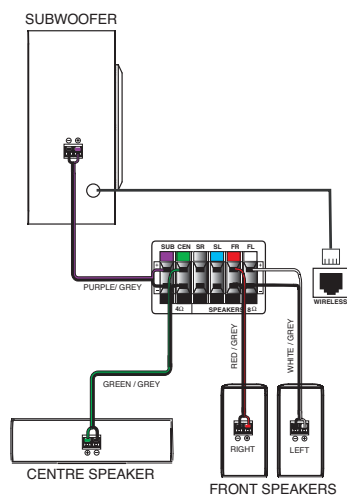
Connecting the aerial



The FM aerial (provided) should be connected to the FM aerial socket at the back of the appliance.

Note: For FM reception, extend the aerial to its full length and install it so that you can obtain the best possible reception.

Connecting the speakers



Six speakers are provided with the appliance (2 front, 1 centre, 2 rear, 1 subwoofer). In order to enjoy good surround effects, all six speakers need to be connected to the player.

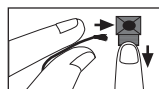
One speaker wire is provided for each speaker connection. Speaker wires are colour-coded to match the colour-coded terminals.

Front and centre speakers and subwoofer

Connect the terminals of the centre and front speakers and of the subwoofer to the corresponding colour terminal at the back of the appliance using the speaker wires.

To do so, press down the tab to open the terminal and insert the wire (1). Release the tab to lock the wire in the terminal (2).

Note: When connecting the speakers, make sure the polarities ("+" speaker wire to "+" on the player) of the speaker wires and terminals match. If the wires are reversed, the sound will be distorted and lack bass ("out of phase" effect). Do not ground the output line, as this will damage the speaker.



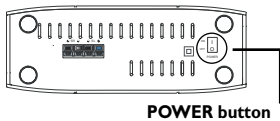
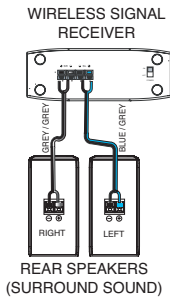
(1)



(2)

Connections and Setup

EN



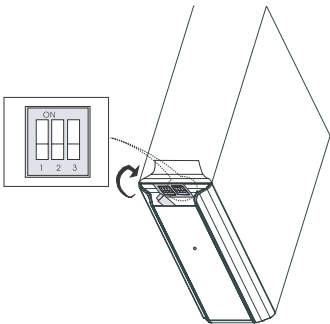
Rear speakers, signal transmitter and receiver

The subwoofer is also a wireless signal transmitter. It converts the audio signal from the DVD player into a 5.8 GHz radio frequency and transmits it to the receiver. The wireless signal receiver picks up the radio frequency, converts it back to an audio signal and transmits it to the rear speakers.

1. Connect the subwoofer to the **WIRELESS** RJ45 socket of the DVD player.
2. Connect the rear speakers to the wireless receiver using the speaker wires.
3. Connect the wireless receiver to a mains socket.
4. Make sure the transmitter is in **STANDBY** mode before pressing the **POWER** button to turn the receiver on. The LED on the receiver blinks while the receiver is searching for a signal; it then turns green once the signal is found.

Changing the channel frequency

To minimize interference from other 5.8 GHz systems (cell phones, wireless LAN), you may select a different transmission channel if you should experience interference. The channel selector is located on the front panel of the subwoofer (transmitter). You may change the transmission channel according to the table below:



Channel	Position 1	Position 2	Position 3
1	Off	On	On
2	On	On	Off
3	Off	On	Off
4	On	Off	On
5	Off	Off	On
6	On	Off	Off

Notes:

You need to restart the DVD player whenever a different transmission signal is selected.

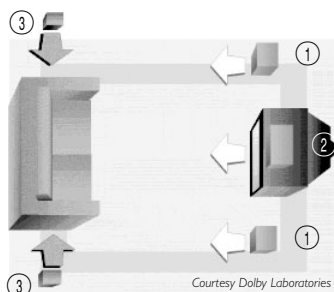
The maximum transmission range is 10 metres. Walls, obstacles or people walking between the transmitter and the receiver may affect the efficient transmission range.

Place the receiver as high as possible.

Aim the receiver front panel at the transmitter.

If the transmission is bad, try turning the receiver.

Positioning speakers



① Left, Right (Front Speakers)

They mainly transmit music and sound effects.

② Centre

In surround mode, the centre speaker transmits much of the dialogue as well as music and effects. It should be positioned between the left and right speakers.

③ Surround (Rear Speakers)

Their overall sound balance should be as close as possible to the front speakers. Proper positioning is vital to establish an evenly distributed sound field.

Subwoofer

A subwoofer is designed to reproduce powerful low bass effects (explosions, the rumble of spaceships, etc.) which dramatically increases the involvement with the action on the screen.

Magnetic shielding

Speakers placed less than two feet from the TV set must be magnetically shielded in order to prevent picture distortion. Front and centre speakers supplied with this set are magnetically shielded to protect your TV set.

Note: It is not recommended to place the rear speakers and subwoofer near the TV set.

Front Speaker Position

Even if you cannot replicate this ideal home theatre set-up exactly, the following suggestions for positioning the speaker will help you achieve better results.

Alignment

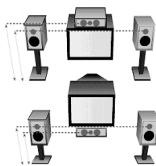
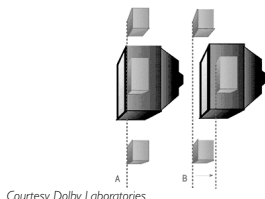
Align the centre speaker evenly with (A) or slightly behind (B) the left and right speakers, but not in front of them.

Angle

Placing the left and right speakers to form a 45-degree angle with your favourite viewing position will replicate the soundtrack mixer's arrangement.

Height

The mid- and high-frequency drivers of the three front speakers should be, as far as possible, at the same height. This often requires the centre speaker to be placed directly on top of (A) or beneath (B) the TV set.



Preferred surround position

Location

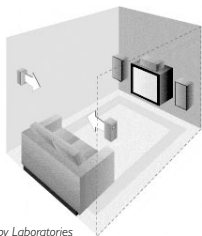
If possible, place surround speakers at either side of the viewing area, not behind it.

Height

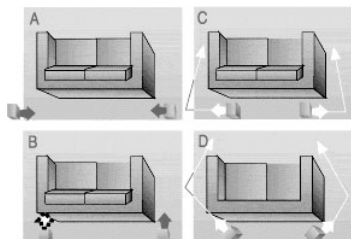
If space permits, install surround speakers 2-3 feet above viewers. This helps minimise localisation effects.

Direction

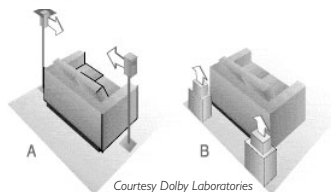
Directing surround speakers straight across the room, rather than down at viewers, helps create a more open, spacious surround sound field.



Courtesy Dolby Laboratories



Courtesy Dolby Laboratories



Courtesy Dolby Laboratories

Alternative Surround Placement

Rear wall

If rear wall mounting is the only option, direct the speakers at each other (A), towards the front (B) or even towards the side walls (C, D). Experiment with their position until the surround sound seems to envelope you, rather than come from behind you.

No adjacent walls

Surround speakers can be placed on stands facing each other to replicate the preferred side wall mounting (A), or to the side or rear of the viewing area directed upwards. In the latter case, they can go right on the floor, or preferably, a few feet off the floor, such as on end tables (B).

Test tone / Channel balance

Channel balance




Your player is equipped with a test signal generator for balancing the channels. As the signal "travels" from channel to channel, adjust the level controls until each channel plays at the same volume level (see page 24).

Level adjustment & surround channel level expectation

Even though you adjust the surround channel to be as loud as the others on the test signal, you will find that, when watching an actual programme, the surround channel is usually much lower than the front. Don't be tempted to re-adjust the surround level; programme producers use surround mostly for subtle atmospheric effects and ambience, and only rarely for special effects. A good surround mix does not attract attention to itself; if it did, it would soon become distracting.

Basic Playback Operations

Operating the DVD player

1. Switch on your TV set.
2. Press the **DVD-CD** button on the remote control. Press the  button on the remote control or the **ON/ECO** button located on the DVD player's front panel.
3. When the player first comes on a menu appears asking you to select the player menu language. Select the language you want using the  or  button, then press **OK**.

Description of the various menus

- **Disc menu** – The appearance and contents of this menu vary according to the type of disc you have inserted and are independent of the player's menus. When the disc is playing, press the **TITLE-GUIDE** button to display and hide this menu.
- **Info menu** – The player's **Info** menu appears as a bar at the top of the screen while the disc is playing. During this time, press the **INFO** button on the remote control to display and hide the **Info** menu.
- **Player menu** – If no disc has been inserted the player menu appears automatically. If a disc is being played press the **STOP** button to access this menu.

*Note: A function is only available if it features on the disc you have inserted. For instance, if you select the Subtitles function from the **Info** menu subtitles will only appear if subtitles have actually been provided on the disc. If a menu or icon appears greyed out this means that this menu or the associated function is not available.*



Play	
Play Mode	◀ Standard
Parental Control	Random
Display	Program
Sound	IntroScan
Languages	DivX

Compatible discs

- DVD
- DVD-R, DVD-RW, DVD+R, DVD+RW
- CD
- CD-R, CD-RW.

Compatible formats

- DVD, VCD (Video Compact Disc), SVCD (Super Video Compact Disc), JPEG
- CD, mp3, DivX, CD Kodak Picture.

More information about discs and compatible formats is available at the end of the booklet.

Regional coding

Your DVD player has been designed to process regional management information that is stored on DVD discs. DVD discs that have different regional codes to that of your player cannot be played. The regional code for your player is 2 (Europe, the Middle East, South Africa, Japan). ALL means all regions. When you buy a disc check that it bears the correct logo.

Basic Playback Operations

Playback

Switch the DVD player and TV set on.

1. Press the **▲** button on the front of the appliance to open the disc tray.
2. Put the disc in with the printed side upwards (in the case of a single-sided disc).
3. Press **▲** again to close the disc tray.
 - Play starts automatically, or
 - the Disc menu appears. One of its options can be selected to start playing the disc. Select it and press **OK**, or else
 - the player's main menu appears. Select the option **Play** and press **OK**.
4. Press **STOP** to stop playback.

Notes:

The player stores the point where playback was interrupted. If you press **PLAY** again, playback resumes from this point. To stop playback completely or to start again from the beginning, press **STOP** twice.

If the player is left in **STOP** mode for more than five minutes without any user interaction, a screen saver is activated. Then, at the end of 30 minutes without any user interaction, the player switches off automatically.

Accelerated play

While the disc is playing, press the **REV** or **FWD** button one or more times to vary the speed and direction of the accelerated play. Press **PLAY** to resume normal playback.

Still image

While the disc is playing, press **PAUSE** once for freeze frame. Press **PLAY** to resume normal playback.

Frame advance

1. Press **PAUSE** twice.
FRAME is displayed.
2. Press the **REV** or **FWD** button a number of times to advance backward or forward image by image.
3. Press **PLAY** to resume normal playback.

Variable slow motion

1. While the disc is playing, press the **PAUSE** button once.
PAUSE is displayed.
2. Press the **REV** or **FWD** button a number of times to vary the speed and direction of the slow motion.
3. Press **PLAY** to resume normal playback.

Note: Backward slow motion is not available on VCDs.

Changing chapter / track

While the disc is playing, press the **▶|** or **◀|** button to go immediately to the next or previous chapter, or to the next or previous track.

Zoom

1. While a disc is playing, press the **ZOOM** button until you reach the zoom size you require.
2. Move from one area to another using the **◀**, **▶**, **▲** and **▼** buttons.

Using the Info Menu

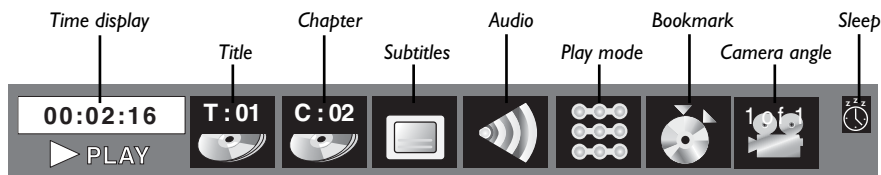
You can display information about the disc during playback using the **Info** menu. It will also allow you to access certain functions. To display the menu, press **PLAY** to start playback and then press the **INFO** button on the remote control. Select the various options using the **◀** and **▶** buttons. Then follow the instructions which appear on the screen and use the **▲** or **▼** buttons on the remote control to scroll through the options.

Note: When one of the icons is greyed out, this means that the relevant function is not available on the disc being played.

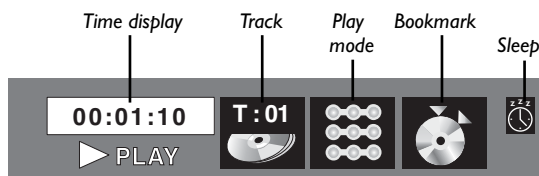


The invalid symbol indicates that the function selected or the button used is not available at this stage.

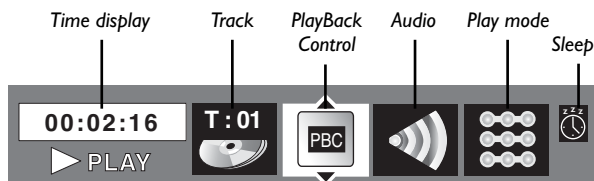
Info menu (DVD)



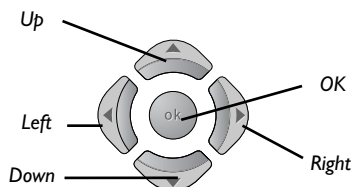
Info menu (audio CD)



Info menu (VCD and SVCD)



Info Menu



Press the **INFO** button on the remote control while a disc is playing to display the **Info** menu.

Use the **◀** and **▶** buttons on the remote control to select the icon you want. Then use the **▲** and **▼** buttons to select an option and press **OK** to confirm your selection.

01:49:37

Time display icon

Time display

Press the **INFO** button, select the Time display icon with the **◀** and **▶** buttons, then press the **▲** and **▼** buttons repeatedly to display in turn:

DVD: Chapter elapsed time, Chapter remaining time, Title elapsed time and Title remaining time;

VCD and audio CD: Track elapsed time and Track remaining time.

To directly access a location on the disc which does not correspond to the start of a title or chapter, enter a time with the numeric buttons (format hh:mm:ss).

Note: This function may not be available on all discs.



Title/Track and Chapter icons

Title/Chapter (DVD) / Track (audio CD and VCD)

To directly access a title or a chapter (DVD), or a track (audio CD and VCD), press the **INFO** button, then select one of these icons with the **◀** and **▶** buttons, and choose a number using the **▲** and **▼** buttons or enter a number directly with the numeric buttons.

Note: Many discs only have one title.



Subtitles icon

Subtitles (DVD and DivX)

Subtitles are disabled by default. You enable the subtitle function as follows:

1. While the disc is playing, press the **INFO** button, then select the Subtitles icon using the **◀** and **▶** buttons.
2. Select a language using the **▲** and **▼** buttons.
3. To disable the subtitle function, select the **Off** option.

Notes:

When you change the language of the subtitles using the **Info** menu your choice of language only applies for the disc currently being played. When you eject the disc and switch off the player, the subtitles will be displayed again in the subtitle language you selected in the **Languages** menu (see page 25).

This function may not be available on all discs.



Audio icon

Audio (DVD,VCD and DivX)

Some discs have several audio tracks used for different languages or different audio formats.

To change the language or audio format during play:

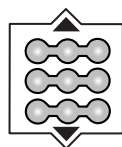
1. Press the **INFO** button, then select the Audio icon with the **◀** and **▶** buttons, or press the **AUDIO** button on the remote control.
2. Choose a language or an audio format with the **▲** and **▼** buttons.

Notes:

This option is only available if the disc offers a number of dialogue languages or audio formats.

*When you change the dialogue language using the **Info** menu, your choice of language is only applicable to the disc being played. When you eject the disc or switch off the player, the dialogue language will revert to the one you selected in the*

Languages menu (see page 25).



Play mode icon

Play mode (all discs except DivX)

Note: For mp3 play modes, please refer to page 17.

1. While the disc is playing, press the **INFO** button, then select the Play mode icon using the **◀** and **▶** buttons or press the **PLAY MODE** button on the remote control.
2. Choose an option using the **▲** and **▼** buttons, then press **OK**:
 - DVD play modes: standard, programme, title repeat, chapter repeat, A-B repeat.

Notes:

Repeat mode is only available with discs which display elapsed and remaining time.

To repeat a sequence between two points A and B, choose the A-B repeat option, and then follow the instructions for entering the two points. If, during a fast forward or reverse, point B is reached, the player continues playback at normal speed from point A. If, during a fast search, point A is reached, the player starts playback from point A at normal speed.

- VCD and SVCD play modes: standard, disc repeat, track repeat, A-B repeat.
- audio CD play modes: standard, programme, random, disc repeat, track repeat, A-B repeat, IntroScan.

*Note: IntroScan plays the first ten seconds of each track. When all the tracks have been scanned IntroScan stops. If you want to continue playing the track being scanned, press the **PLAY** button. Press the **STOP** button to stop IntroScan.*

3. To stop the repeat playback, you have a choice between:
 - selecting the Play mode icon and choosing the **Standard** option, and
 - pressing the **STOP** button twice.



Bookmark icon

Bookmark (DVD and audio CD)

The player can store up to 12 disc locations as long as the disc remains in the player and the unit remains switched on.

*Note: This function is only available with discs whose elapsed or remaining time appears in the **Info** menu.*

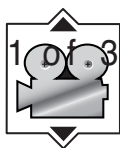
1. Press the **INFO** button, then select the Bookmark icon with the ◀ and ▶ buttons, and press **OK** to confirm. Another menu is displayed describing six bookmarks. To display the other bookmarks, press the ▼ button.



Play button

"Unmarked" icon

2. To create a bookmark, select a position shown as "unmarked" using the ◀, ▶, ▲ and ▼ buttons, and then press **OK**.
3. To start playback from a bookmark, select the ▶ button, then press **OK** to confirm.
4. To delete a bookmark, select the [] button, and then press **OK** to confirm.



Camera angle icon

Camera angle (DVD)

Some discs offer different camera angles for specific scenes.

1. To change the camera angle, press the **INFO** button, then select the Camera angle icon with the ◀ and ▶ buttons, or press the **ANGLE** button on the remote control.
2. Choose the angle with the ▲ and ▼ buttons.

Note:

If the disc was recorded using a single camera angle, this function is not available. There are very few discs offering more than one angle.



PlayBack Control icon

PBC - PlayBack Control (VCD)

The PlayBack Control function offers scenes and information which can be selected interactively via a menu. It can also be used to display high-resolution pictures, if the disc contains any.

Press the **INFO** button, then select the PlayBack Control icon. Press the ▲ and ▼ buttons to enable or disable this function.



Sleep icon

Sleep

1. Press the **INFO** button, then select the Sleep icon with the ◀ and ▶ buttons.
2. Select one of the available options using the ▲ and ▼ buttons: **Off**, **30**, **60**, **90** or **120 minutes**.

Displaying JPEG files or playing mp3 files

mp3 is an audio file format which compresses recorded music. It was developed in collaboration with **THOMSON**. The main advantage of the mp3 format is that it means CD-quality music tracks can be stored on a personal computer in user-friendly compressed files.

JPEG files are image files. Make sure that they have a resolution of less than 3 megapixels.

Note: The time taken for the contents of the disc to be displayed varies according to the size and number of JPEG files actually on the disc. If nothing is displayed after a few minutes, it is likely that certain files are too large. In this case, reduce the files' resolution and write another disc.

Before inserting a disc, check that it is compatible with the player.

1. Open the tray by pressing the **▲** button.
2. Place the disc with the printed side facing up.
3. Select a folder using the **▲** and **▼** buttons on the remote control, then press **OK** to display the list of files or press **PLAY** to start playing all the files contained in the folder.
4. Select a file using the **◀**, **▶**, **▲** and **▼** buttons, then press **OK** and then **PLAY** to start playback.
 - mp3 file: the player begins by playing the selected file, then all the files and subfolders contained in the same folder. The player then plays the contents of the folders at the same level as the folder containing the file selected at the start.

*Note: While listening you can use the **◀** or **▶** button to go back to the previous track or go on to the next one.*

- JPEG file: the player starts the slide show with the JPEG file you have selected and proceeds to display all the JPEG files in the same folder, then all the JPEG files in the subfolders located in the same folder.

*Notes: During the slide show you can use the **ANGLE** button to rotate the picture 90°, the **ZOOM** button to magnify the picture, the **◀** or **▶** button to go back to the previous picture or go on to the next one, the **▲** button for an horizontal flip and the **▼** button for a vertical flip and the **STOP** button to interrupt the slide show and display the disc's contents.*

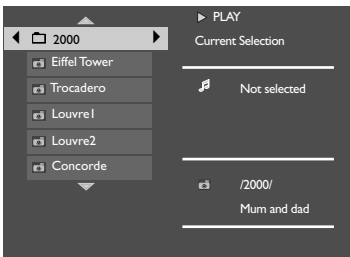
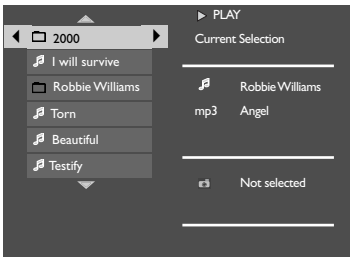
The Zoom function may not be available with some large-JPEG files.

5. Press the **INFO** button to display the **Info** menu during playback.

mp3 file: press the **▲** or **▼** button several times to select a playback mode (Standard, Random, Track repeat, Folder repeat, Disc repeat, Program), and then press **OK**.

JPEG file: press the **▲** or **▼** button to select a projection speed.

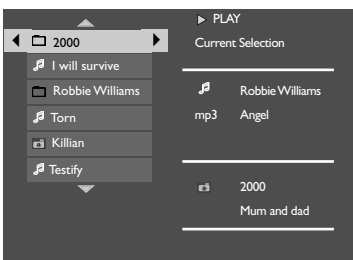
6. When the player has played all the files the music or slide show stops and the disc's contents are displayed again.
7. Press **STOP** to end playback.



mp3, JPEG and DivX files

Playing JPEG and mp3 music files at the same time

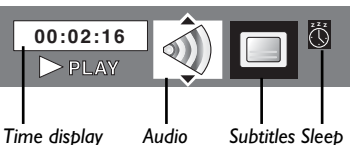
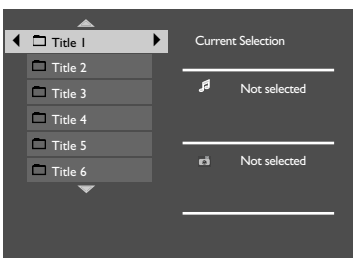
You can display JPEG files while listening to mp3 music files recorded on the same disc.



1. Insert the disc containing the two types of file in the player.
 2. Select an image file using the **◀**, **▶**, **▲** and **▼** buttons, then press **OK** to confirm your selection. The name of the folder where the file is located and the name of the file appear on the right in the "Current selection" section.
 3. Then select an mp3 music file using the **◀**, **▶**, **▲** and **▼** buttons, then press **OK** to confirm your selection. The name of the folder where the file is located and the name of the file appear on the right in the "Current selection" section.
- Note: To delete your selection, press the **CLEAR** button.*
4. Press **INFO** to access the **Info** menu during simultaneous playback. You can change the slide show's projection speed using the **▲** or **▼** button.
 5. During simultaneous playback you can use the **◀◀** and **▶▶** buttons to go back to the previous picture or go on to the next one.

Playing DivX files

Your player is an Official DivX Certified™ product that plays DivX®5, DivX®4, DivX®3, and DivX®VOD video content, in compliance with DivX Certified™ technical requirements.



1. Open the tray by pressing the **▲** button, insert the disc and then press the **▲** button again to close the tray.
 2. The disc's contents are displayed. Select the DivX file that you wish to play with the **▲** and **▼** buttons and press **OK** to select it.
- Note: To delete your selection, press the **CLEAR** button.*
3. Press **PLAY** to start playback.
- A note on copying: Before playing DivX or mpeg4 files, please be sure of their origin and that you have legally purchased or rented the contents. Pirate copying is illegal and may result in sanctions. Private copies of your own material for your own use may be legal in some countries. Make sure you are aware of any applicable laws.*
4. Press **INFO** to access the **Info** menu during playback. Use the **◀** and **▶** buttons to select an icon and the **▲** and **▼** buttons to choose an option (see page 14).

Note: To guarantee playback of DivX files the audio must be mp3 format. DivX Certified devices can play back any interleaved mp3 audio at any bitrate, both CBR and VBR. The audio must be sampled at standard frequencies, such as 32 kHz, 44.1 kHz, and 48 kHz, and must conform to the AVI file specification. Apart from mp3, the audio formats recognised by your player are MPEG layer 1/2, AC3, DTS, PCM. Formats such as AAC and Ogg Vorbis are not supported by this player.

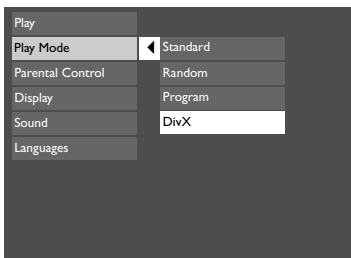
Renting (purchasing) DivX® VOD files

DivX VOD files are similar to DVD video rental discs. The difference lies in the access to the media. DivX VOD files are downloaded after paying a rental from certain commercial websites. Prior to downloading a VOD you need to input the registration number of your DVD player on the purchase form on the site.

Follow the instructions below to find the registration number of your player:

1. Insert a disc and select the **Play Mode** option from the player menu.
2. In the **Play Mode** menu, select **DivX**. The registration number is displayed on the TV set's screen.
3. Write down this VOD 8-character registration number so that you can fill in the form on the website you purchase your DivX VOD files from.

Note: If you cannot play a DivX VOD file recorded on a CD-R disc after downloading it, the rental period allocated during purchasing from the website may have expired. It is also possible that the recorded file is not compatible with your player because of different versions or incorrect download parameters. The parameters used when copying to CD-R may be another reason for this. Since it is not possible here to supply all the information, parameters and advice relating to the use of DivX VOD files, we recommend that you visit specialist websites such as www.divx.com/vod.



The player has a built-in tuner that allows for FM radio function.

Manual tuning

1. Connect the FM aerial in the correct manner.
2. Press the **TUNER** button on the remote control.
3. When the FM station broadcasts Stereo sound, **ST** is displayed.
4. Tune a station by pressing repeatedly **TUNER +** or **TUNER -** on the remote control until the desired station is found. Alternatively, you can press and hold the same button down for about one second to activate the automatic search function. In this mode the player will automatically tune frequencies until it finds a station.
5. Repeat steps 4 to tune to another radio station.

Note: If there is any interference, change the aerial's position until the ideal sound reception is obtained. TV and other electronic devices could be the cause of interference, so try to position the aerial away from them.

Storing radio stations

The player can store up to 40 radio stations in its memory. You can enter every single radio station yourself or the player can store all available radio stations automatically in ascending order.

Automatic preset programming

1. Press the **TUNER** button on the remote control to enter the Tuner mode.
2. Press and hold **TUNER** down for 3 seconds to start automatic preset programming.

Note: A weak signal can affect the "Automatic preset programming" function's efficiency. Adjust the aerial for better reception and a more efficient search.

3. Radio frequencies will be browsed and radio stations stored automatically. When all the available radio stations are stored or all 40 memory locations are full, the auto preset programming function will stop.

Manual preset

1. Tune to a radio station (see "Manual tuning" for details).
2. Press **MENU** on the remote control. **PRESET** will appear on the display.
3. While the word **P--** is still flashing, input your desired preset number (1-40) using the numeric buttons, then press **MENU** to store it.

Retrieving preset stations

1. Press the **TUNER** button on the remote control to enter the Tuner mode.
2. Press **◀** or **▶** on the unit or **PR+** or **PR-** on the remote control to search up or down for the preset stations.

RDS for FM Only

The RDS icon is displayed when RDS (Radio Data System) data is received. The following information may be available for certain stations: Station frequency, Station name, Programme type.

Press the **INFO•RDS** button repeatedly on the remote control to select the type of information you want to display.

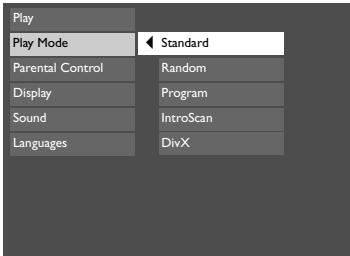
You can search for stations using one of the following programme types:

NEWS = news	FINANCE = stock market reports
AFFAIRS = current affairs	CHILDREN = children's programmes
INFO = information	SOCIAL AFFAIR = sociology, history, geography, psychology, society
SPORT = sport	RELIGION = any aspect of beliefs, faith & God or Gods
EDUCAT = education	PHONE IN = public phone-in discussion
DRAMA = series and plays	TRAVEL = travelling
CULTURE = religion or national culture	HOBBY = recreational activities & leisure
SCIENCE = science and technology	JAZZ = jazz music
VARIED = miscellaneous	COUNTRY = country music
POP M = pop music	NATIONAL = national music
ROCK M = rock music	OLDIES = oldies music
MOR M = middle-of-the-road music, easy-listening music	FOLK = folk music
LIGHT M = classical music	DOCUMENTARY = documentaries
CLASSICS = serious classical	
OTHER M = unclassified	
WEATHER = weather, medical	

Using the player's menus

The player's main menu is displayed when there is no disc in the player or when the disc has been interrupted during playback by pressing the **STOP** button. Select a menu option using the **◀**, **▶**, **▲** and **▼** buttons. Press **OK** to confirm your selection. Return to a previous menu using the **◀** button.

Play Mode selection



1. Load a disc and press **STOP**.
2. Select the **Play Mode** option and press **OK** to confirm.

*Note: The content of the **Play Mode** menu varies depending on the type of disc.*

3. Select a play mode with the **▲** and **▼** buttons, and press **OK** to confirm.

Standard

Press **OK** or the **PLAY** button to begin the disc's standard playback.

Random (all discs except DVD and DivX)

You can listen to all the tracks on the disc in a random order (chosen by the player) by choosing the **Random** option.

Press **OK** to start random playback. Press **STOP** to stop random playback. Press **PLAY** to resume normal playback.

Program (all discs except JPEG+mp3, JPEG+DivX and DivX discs)

With this option, you choose and programme the playback order. Lists vary according to the type of disc.

- 1a. DVD: select a title using the **▲** and **▼** buttons and press the **▶** button to access the list of chapters and select a chapter using the **▲** and **▼** buttons.
- 1b. Audio CD and VCD: select a track using the **▲** and **▼** buttons, or select **All** to start playing all the tracks.

1c. mp3 CD: select a folder using the **▲** and **▼** buttons, then press the **▶** button to access the list of files, then select a file using the **▲** and **▼** buttons.

2. Press **OK** to add the title, chapter (DVD), track (audio CD and VCD) or file (mp3) selected to the list.
Press the **CLEAR** button to remove the last title/chapter/track/file from the list.
Press **PLAY** to start programme play or select **Done** and press **OK**.
Repeat steps 1 and 2 as often as necessary.

IntroScan (Audio CD only)

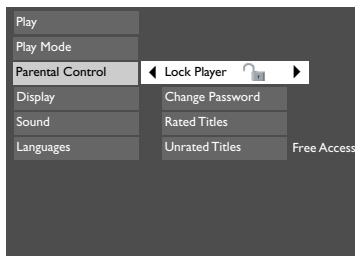
This option plays the first ten seconds of each track.

Press **OK** to start the IntroScan, press **STOP** to stop it and **PLAY** to continue playing the current track.

DivX (DivX only)

Please refer to page 19.

Parental Control settings



You can control access to the player and the type of discs your family can watch with the lock function. There are eight levels of parental control.

Select the **Parental Control** option from the main menu and press **OK**. The corresponding menu is displayed.

Lock Player

This setting prevents the playback of DVDs that may not be suitable for all audiences, by using the rating level that may be encoded on the disc. If the rating level on the disc is higher than the preset level the playback function will not be enabled unless the password is entered.

1. To activate locking (🔒) according to your preset rating limits, select the **Lock Player** option using the ▲ and ▼ buttons and press **OK** to confirm.
2. You are asked for a new password. Enter four digits using the numeric buttons and press **OK** to confirm.

You are asked for confirmation; repeat the operation.

Note: Choose a password that is easy to remember, or write it down.

3. To unlock (🔓), select the **Parental Control** option. Enter your password. Select the **Lock Player** function and press **OK** to confirm.

Change Password

1. To change the password, select this option and press **OK** to confirm.
2. Enter the four digits of your new password.

Rated Titles

The disc publisher is responsible for coding scenes according to the rating limits. In Europe, very few discs have coded scenes.

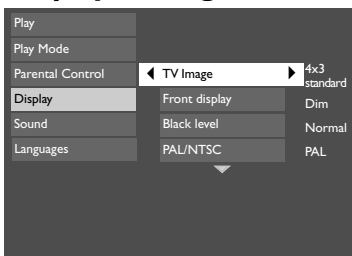
1. Select **Rated Titles** and press **OK** to confirm.
2. For the rating limit, select the level using the ▲ and ▼ buttons, then press **OK** to confirm.

Unrated Titles

1. To set up password-only access to unrated titles, select **Unrated titles** and press **OK** to confirm.
2. Select **Password required** using the ▲ and ▼ buttons, and press **OK** to confirm.

Note: Your selected rating limits will only be applied if you then put the player into Lock mode (see above).

Display settings



Select the **Display** option in the main menu using the ▲ and ▼ buttons, and press **OK** to confirm.

Select an option using the ▲ and ▼ buttons, and press **OK** to confirm.

TV Image

Depending on the format of the DVD disc, you can choose the picture format best suited to the format of your TV screen:

4x3 Letterbox: gives best reproduction of pictures recorded in this format (i.e. with horizontal bands at the top and bottom of the screen) or in 16x9,

4x3 Standard: reproduces a 4x3 picture without distortion,

16x9 Widescreen: reproduces 16x9 format films in full on a 16x9 screen.

Front Display

This option lets you choose how the front display of the DVD player appears. Three settings are available:

Auto: the front display brightness dims when a disc is playing,

Bright: the front display is always bright,

Dim: the front display is always dim.

Black level

This option lets you adjust the video brightness level.

Three settings are available: **Normal**, **Dark** and **Light**.

PAL/NTSC

In addition to PAL DVDs and VCDs, you can enjoy NTSC films as well (a 60Hz PAL compatible TV set is required). If the pictures from the DVD being played appear in black and white on your screen, try changing the colour standard.

Set the function to **PAL** or **NTSC**.

Video

This option lets you select the video output of your appliance: **Component** if your TV is connected to the component video socket of the player, or **RGB** if your TV is connected to the Scart socket of the player.

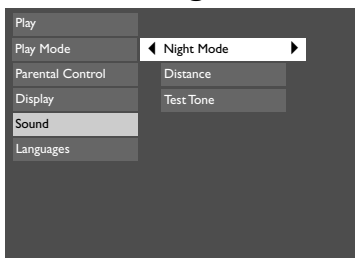
Progressive Scan

Progressive Scan provides high-quality pictures with less flicker. Turn on Progressive Scan if you used the Component Video sockets of the player to connect a TV or monitor compatible with a progressive scan signal.

Press **OK** to activate Progressive Scan.

*Caution! Once Progressive Scan has been activated, an image will only be visible on a progressive scan TV or monitor. If you activate Progressive Scan by mistake, you should take the following steps to reset the unit: open the disc tray, press and hold the **SUBWOOFER** button on the front panel. The video output will be restored to the standard setting and a picture will once again be visible on a conventional analogue TV or monitor.*

Sound settings



You can adapt your player to other equipment and access specific functions with the **Sound** menu.

1. Select the **Sound** option in the main menu using the ▲ and ▼ buttons and press **OK** to confirm.
2. Select an option using the ▲ and ▼ buttons, and press **OK** to confirm.

Night Mode

You can use this function to control the different sound levels via dynamic compression. It improves the quality of the sound track at a low volume and quietens the loudest sounds.

Select an option using the ▲ and ▼ buttons:
Quiet, Moderate or Off.

Notes:

This function is available only on DVD discs recorded in Dolby Digital.

*Press the **NIGHT DVD** button on the remote control to change the setting during playback.*

Distance

All the basic settings have already been preset for the speakers included in the box. However, to make the surround sound more effective and suit the acoustic conditions in the room where you are listening, you may need to delay the signal coming from some of the speakers. Channel delay compensates for centre or surround speakers that are closer to the listening position than the front speakers.

1. Select **Front, Center** or **Rear** using the ▲ and ▼ buttons and press **OK**.
2. Adjust the distance using the ▲ and ▼ buttons and press **OK**.

Note: The receiver speaker distance default settings are as follows:

Front speakers (L/R): 4.5 m

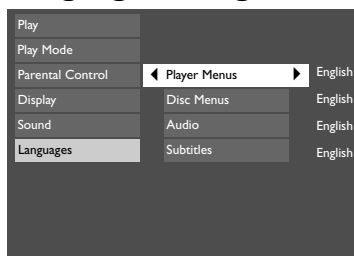
Centre speaker (Cch): 3 m

Rear speaker (SUR): 3 m

Test Tone

This function is used to test the speaker setting and change the speaker level. A short noise comes successively from each speaker. Adjust the volume level using the ▲ and ▼ buttons.

Language settings



With this menu, you can set the language for player menus, dialogue, subtitles and the disc menus.

If you chose "English" during initial set-up, the main menu is displayed in English, any menus generated by the disc are in English, as is the language used in dialogue (if this language is available on the disc).

1. Select the **Languages** option in the main menu using the ▲ and ▼ buttons and press **OK** to confirm.
2. Select one of the options using the ▲ and ▼ buttons, and press **OK** to confirm.

Player Menus

To change the language of the player menus, choose the language using the ▲ and ▼ buttons and press **OK** to confirm.

Disc Menus

To change the language of the disc menus, choose the language using the ▲ and ▼ buttons and press **OK** to confirm.

Audio

1. To change the dialogue language, choose the language using the ▲ and ▼ buttons and press **OK** to confirm.

Note: If the selected language is not available on a disc, the disc's default language will be used instead.

2. To change the language during play, display the Audio icon by pressing the **AUDIO** button on the remote control (see page 15).

Subtitles


1. To change the subtitle language, choose the language using the ▲ and ▼ buttons and press **OK** to confirm.

Note: If the language chosen is available, it is automatically selected when you display the subtitles (see page 14). Otherwise, the subtitle language indicated on the disc is selected instead.

2. To change the language of the subtitles during playback, display the **Info** menu by pressing the **INFO** button on the remote control (see page 14).

Troubleshooting

The appliance does not switch on.

- Make sure it is plugged into a mains socket.
- Press the  button on the remote control or the **ON/ECO** button on the front of the appliance.

The device switches off spontaneously.

- The device switches off automatically when it is in STOP mode for more than 30 minutes without any user intervention. Switch it on again.

It is impossible to read the disc.

- Insert the disc with the printed side facing up.
- Check that the disc can actually be played by this device (see page 28).
- If you are trying to play a disc containing JPEG files, check that the files have a resolution of less than 3 megapixels.
- Check that the disc's regional code matches the player's regional code. This player's regional code is 2.
- Clean the disc (see page 27).

There is no picture.

- Check you have switched on the TV set.
- Check the connections (see pages 6 and 7).
- Select the AV input assigned to the player on the TV.

The picture is of poor quality (with snow or lines).

- Check the connections (see pages 6 and 7).

There is no sound or the sound is of poor quality.

- Check the connections (see pages 6 and 7).
- Make sure the speakers are connected.
- Make sure the MUTE function is not on.

No surround sound.

- Check the speaker configuration in the **Sound** menu.

The remote control does not work or works only intermittently.

- Check that batteries are inserted or change them.

- Aim the remote control at the appliance. The infrared beam must not be blocked or interrupted.
- Check that the remote control is configured to control the device you are trying to operate with it. Press the **DVD-CD** button if you want to operate a DVD player, the **TV** button to operate a television set and the **TUNER** button to operate the radio.

The subtitles do not appear.

- Check that the DVD disc provides subtitles.
- Refer to the section on how to display subtitles (see page 14).

The disc menu language is not the correct one.

- The disc menu language has not been set up (see page 25).
- The language of your choice is not available on the disc (see page 25).

You have forgotten your password (Parental control).

- When the player is on and the disc tray is opened, press and hold the **►►** button on the front panel until the unit goes into standby mode. All system settings will be restored to default, the parental password will also be reset.

Your DivX files won't play.

- When you encounter problems make sure that the file that you are trying to play actually contains DivX video. The files often use the term "DivX" in their filename even though they have in fact been coded in another format.
- Problems playing DivX version 5.1 and the version 2.5 player: with some recent DivX versions coding problems may arise that are directly linked to the ability of your computer to provide the total capacity of its microprocessor during the coding procedure. During playback, this leads to picture problems or a lack of synchronisation between sound and picture.

Precautions

Use

- If your appliance has been stored in a cool place for any length of time, during a journey for example, wait for about 2 hours before using it.
- The openings located on the top and bottom are for ventilation and must not be obstructed.
- During thunderstorms, we recommend that you isolate the appliance from the electrical supply so that it is not damaged by electrical or electromagnetic surges.
- This appliance is designed for continuous use. Putting the DVD player into standby mode does not disconnect it from the mains supply. To completely isolate the equipment, remove the plug from the mains socket as some components remain connected to the electrical supply.
- If you notice any burning or smoke, disconnect the appliance immediately to avoid any risk of electrocution.
- Do not attempt to look inside the appliance through the disk tray opening or any other opening. You may be electrocuted or exposed to laser radiation.
- This appliance is for domestic use only and must not be used for industrial purposes.
- Total or partial copying of recordings protected by copyright legislation, without the explicit permission of the holder of the rights, contravenes current legislation. Copying or downloading music files for sale or any other business purpose constitutes or could constitute a violation of copyright law.
- Handle your discs with care. Hold the disc with your fingers at the edges or through the hole.
- Insert the disc with the label facing up (for a single-sided disc).
- Place the disc properly into the tray in the allotted holder.
- Use a soft cloth to clean discs if necessary, always wiping from the centre to the edge.
- Always put discs back in their cases after use and store in a vertical position.
- Do not close the tray with two discs in it or with a disc not sitting correctly in the holder.
- Do not play cracked, chipped or warped discs nor try to repair them with adhesive tape or glue.
- Do not write on a disc.
- Do not move the player when a disc is being played.
- Do not scratch discs or store them in places exposed to direct sunlight, high humidity or high temperatures.
- Do not use aerosol cleaners, benzene, anti-static liquids or any other solvent for cleaning discs. When cleaning, wipe gently with a soft damp (water only) cloth from the centre to the edge, avoiding circular motions, which could cause scratches and interference during playback.

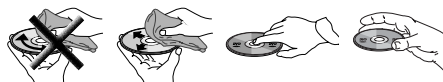
Guarantee

- The type and production number of your appliance are printed on the guarantee certificate supplied with your appliance. Keep this certificate as well as the invoice. These documents are required in the event of claiming your guarantee rights.
- All repairs during the guarantee period must be carried out by an authorised engineer for our brand. If this condition is not met, your rights will no longer be valid.
- Never open the appliance yourself, since this may put you at risk or damage the equipment. THOMSON does not accept any liability if the appliance is used in any way other than in accordance with this manual.

Cleaning

- Use a soft, dry, clean cloth. Regularly dust the vents at the back or sides.
- Using solvents, abrasive or alcohol-based products risks damaging the appliance.
- If an object or liquid enters inside the appliance, unplug it immediately and have it checked by an authorised engineer.

Handling and caring for discs



Additional Information

DISCLAIMER OF WARRANTIES: TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, DECLARATIONS AND WARRANTIES OF NON-INFRINGEMENT OF COPYRIGHT OR OTHER INTELLECTUAL PROPERTY RIGHTS RESULTING FROM THE USE OF THE PRODUCT IN CONDITIONS OTHER THAN THOSE SPECIFIED ABOVE ARE HEREBY DISCLAIMED.

Technical data

Mains supply: AC-230V - 50 Hz
Power consumption: 85 W (1 W in standby)
Operating conditions: +5°C to +35°C
Surrounding humidity: 10% to 75 % (no condensation)
Audio signal to noise ratio: 65dB (A wtd)
Dimensions (H x W x D inch):
Front and Surround Speakers - 6.1 x 3.1 x 3.5
Centre Speaker - 2.7 x 9.8 x 33.3
Subwoofer - 12.4 x 6.3 x 14

Amplifier section:

RMS Output Power: Dolby Digital Mode with 10% Total Harmonic Distortion
Rear Channels: 50 Watts each Channel (1kHz, 8 Ohm)
Front Channels: 50 Watts each Channel (1kHz, 8 Ohm)
Centre Channel: 100 Watts (1kHz, 4 Ohm)
Subwoofer Channel: 100 Watts (100Hz, 4 Ohm)
Total RMS Output Power, Dolby Digital mode: 400W

FTC Output Power: Dolby Digital Mode with 1% Total Harmonic Distortion
Front Channels (L and R): 40 Watts per Channel (1kHz, 8 Ohm)
Rear Channels (L and R): 40 Watts per Channel (1kHz, 8 Ohm)
Centre Channel: 80 Watts (1kHz, 4 Ohm)
Subwoofer Channel: 80 Watts (100Hz, 4 Ohm)
Total FTC Output Power, Dolby Digital mode: 320 Watts

Wireless receiver (Rear Left and Right): 25 Watts per Channel (1 kHz, 8 Ohm, 10% Total Harmonic Distortion)

Muting Attenuation: 65dB
Frequency Response: 20kHz /-3dB, 1kHz ref.
Subwoofer Frequency Response: 10 Hz / -3dB, 80Hz ref.
Signal to Noise Ratio: 65dB (Dolby digital mode)
Video Signal to Noise Ratio: from 40 dB to 60dB

FM tuner section:

Frequency Response: 15kHz +/-3dB, 1kHz ref.
Quieting: 24dBu
Signal to Noise: 60dB (stereo) / 65dB (mono)
IF Rejection: 50dB

Discs and formats you can play

In spite of the progress made to ensure playability of all disc types, it is not possible to guarantee playback of discs which do not comply with DVD, CD, VCD or SVCD standards. This unit may not play some recordings or files on CD-R, CD-RW, DVD-R, DVD-RW, DVD+R, DVD+RW due to differences in recording formats, software used and disc types.



DVD-Video

Digital video discs - 12 cm and 8 cm, single- or double-sided, single or dual layer. DVDs are high-density optical discs on which high-quality images and audio are recorded by means of digital signals.



DVD-R, DVD-RW, DVD+R, DVD+RW



Most DVD-R and DVD+R (one recording only), DVD-RW and DVD+RW discs (rewritable). Depending on the DVD writer and discs used. Recordings using DVD-R and DVD-RW discs must be made in Video DVD mode. Recordings using DVD+RW discs must be made in accordance with the specifications for DVD+RW discs with a 4.7 GB capacity.



VCD - Video Compact Disc

CD on which you can record up to 74 min. of VHS-quality video associated with still images, audio tracks and interactive menus.



SVCD - SuperVideo Compact Disc

Most SVCDs comply with the IEC62107 standard. SVCDs can be used to record up to 70 minutes of digital sound and images in accordance with MPEG-2 standards for video and MPEG-1 standards for audio.



Audio CDs

Audio CDs (8 and 12 cm).



CD-R, CD-RW

Most CD-R (one recording only) and CD-RW discs (rewritable).

This player can play most CD-R discs. CD-Rs written during a multisession recording can also be played, provided that the session has ended before the disc is played (depending on the write software). However, depending on the condition of the CD-writer, computer and the disc used, you may find that not all discs will play successfully. When playing a CD-R disc, it is completely normal for the unit to take up to 20 seconds to recognise the disc before starting to play. If the disc is not recognised after a period of 20 seconds, remove the disc, and then insert it again.

- Irrespective of the actual recording capacity of the CD-R, do not use its full capacity.
- CD-Rs should be preferably used instead of CD-RWs (rewritable CDs) as, in certain cases, CD-RW playback may be faulty.
- Use reliable, good-quality CD write software.
- Close all other applications on the computer to ensure reliable CD-R disc recording.



DivX files

DivX is the name of a revolutionary new video codec which is based on the new MPEG-4 compression standard for video. Whether DivX files play correctly on your player or not depends on the preparation and production of the audio and video files, the codecs and the type of recording equipment used, as well as on your computer's parameters. It is therefore possible that you cannot play a DivX file or that part or all of it is defective. It also sometimes happens that you can play the images (video) but not the sound (audio). DivX disc compatibility with this player is limited as follows:

- The maximum resolution of the DivX file is below 720x576 (W x H) pixels.
- DivX filenames should not exceed 56 characters.
- If the video and audio structure of the recorded file is not interleaved, either video or audio is outputted.
- If the file is recorded with GMC, the unit supports only 1-point GMC. GMC is the acronym for Global Motion Compensation. It is an encoding tool specified in the MPEG4 standard. Some MPEG4 encoders, like DivX or XviD, have this option. There are different levels of GMC encoding, usually called 1-point, 2-point, or 3-point GMC.



mp3 files

CD-R and CD-RW discs containing audio files in mp3 format. With regard to CD-R mp3 discs, please follow all the recommendations for CD-R above, along with the comments below:

- Your mp3 files should be ISO 9660 or JOLIET format. ISO 9660 format and Joliet mp3 files are compatible with Microsoft DOS and Windows, as well as with Apple Mac. These two formats are the most widely used.
- mp3 filenames should not exceed 8 characters and should end with the ".mp3" extension. General name format: Title.mp3. When composing your title ensure that you use 10 characters or less, have no spaces in the name, and avoid the use of special characters including (, ., \, =, +).
- The total number of files on a disc should be less than 400.
- Use a decompression transfer rate of at least 128 kB/sec (kilobytes/second) when recording mp3 files. Sound quality with mp3 files basically depends on the rate of compression/decompression you choose. Obtaining audio CD quality sound requires an analogue/digital sampling rate, that is conversion to mp3 format, of at least 128 kB/sec and up to 160 kB/sec. Choosing higher rates, such as 192 kB/sec or more, only rarely produces even better sound quality. Conversely, files with sampling rates below 128 kB/sec will not play properly.
- Do not try recording copyright-protected mp3 files. "Securized" files are encrypted and code-protected to prevent illegal copying. You must not copy such files.

Important: The above recommendations cannot be taken as a guarantee that the DVD player will play mp3 recordings, or as an assurance of sound quality. You should note that certain technologies and methods for mp3 file recording on CD-Rs prevent optimal playback of these files on your DVD player (i.e. degraded sound quality and even, in some cases, inability of the player to read the file).



JPEG files

CD-R and CD-RW with JPEG files. Certain JPEG files, including progressive JPEG files, cannot be read by this player.

The total number of files and folders on the disc should be less than 650. Make sure that files have the ".jpg" extension. Files without the ".jpg" extension cannot be read by the player, even though the files are shown as JPEG images on your computer.



Kodak Picture CDs

Sound Enhancement Systems

This player is equipped with several built-in sound enhancement systems.



Dolby Pro Logic II

The Pro Logic II mode uses the built-in circuit to steer the Left, Centre, Right and Surround left and right channel audio signals and uses all five speakers to play both stereo and Dolby Pro Logic programme source, such as TV and VCR. Dolby Pro Logic II includes Dolby Pro Logic II Movie, Dolby Pro Logic II Music and Dolby Pro Logic Emulation.

You can use this mode to suit any stereo programme source to enjoy multi-channel sound experience.

Dolby Digital

The Dolby Digital mode lets you enjoy full digital surround from software processed in the Dolby Digital format. Dolby Digital provides better sound quality and a more powerful presence than conventional Dolby Surround.

This unit is equipped with a Dolby Digital 5.1 channel so that you can enjoy enhanced full digital surround sound. Differing from Dolby Pro Logic in that only four channels (Front Left, Front Right, Centre and Rear) are used, the new system provides stereo separation of the rear speakers (Rear-Right, Rear-Left). Adding the subwoofer channel for bass sounds (counted as 0.1 channel) to the 5 channels provides 5.1 channels (or 6 Channels) that bring you the most sophisticated Dolby Digital sound enjoyment.



Digital Theater Systems (DTS)

DTS is a digital surround system which delivers five channels of master-quality, 20-bit audio. It offers five full-range channels plus a special low frequency effect (LFE) channel for subwoofer, resulting in what is commonly known as 5.1 channels. It can be applied with existing 5.1 speaker configurations. DTS is available in DVD and CD mode.

DPL943W

Model and serial number

THOMSON Multimedia Sales Europe

46, quai A. Le Gallo

92648 Boulogne Cedex

FRANCE

322 019 464 RCS NANTERRE

<http://www.thomson-europe.com>



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Dealer's address