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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.

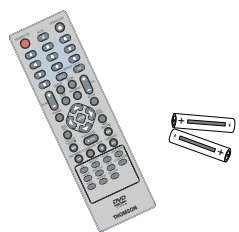
Connections and Setup

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**



Pig-tail aerial wire



**Left and right front
speakers**



Centre speaker



Subwoofer



**Left and right rear
speakers**

Caution!

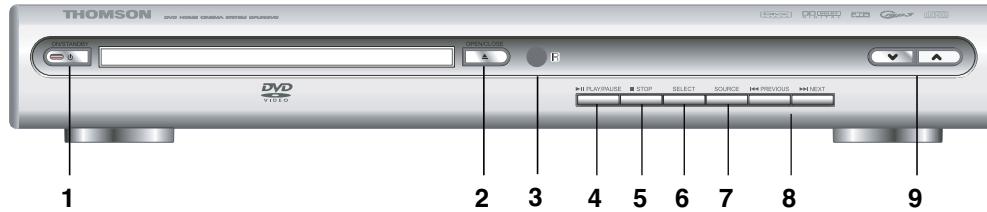
Invisible laser radiation when open. Avoid exposure to beam. Class I laser product. This appliance must only be opened by a qualified engineer to prevent accidents caused by the laser beam.

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 U.S. patents and other intellectual property rights. Use of this copyright protection technology must be authorized by Macrovision Corporation, and is intended for home and other limited consumer uses only unless otherwise authorized by Macrovision. Reverse engineering or disassembly is prohibited."

Connections and Setup

Front panel controls



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1. ON/STANDBY

To switch the appliance on and off.

2. OPEN/CLOSE

To open and close the disc tray.

3. SENSOR

Remote sensor. Point the remote control here.

4. PLAY/PAUSE

To start playing a disc or pause.

5. STOP

To stop disc playback.

6. SELECT

To toggle between BASS/TRE and channel settings.

7. SOURCE

To select the input source (DVD, FM or AUX).

8. ◀◀ PREVIOUS / ▶▶ NEXT

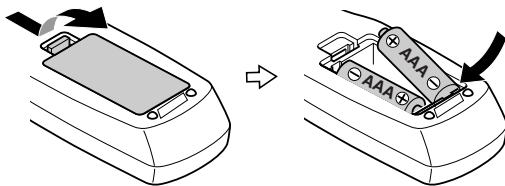
To skip to the previous or next chapter or track during playback.

In Tuner mode, to move to the previous or next preset memory location.

9. VOLUME +/-

To adjust the sound volume.

Inserting batteries in the remote control



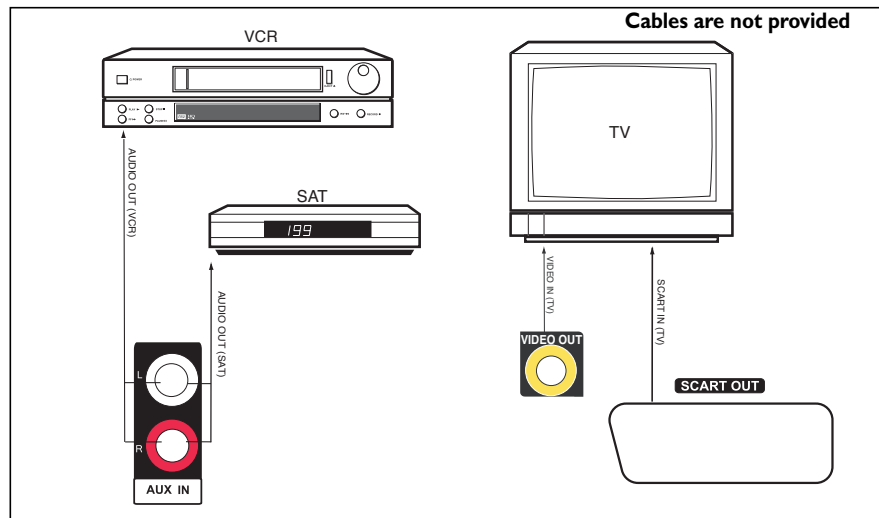
- Do not mix different types of batteries or new and old batteries. Do not use rechargeable batteries.
- In order to avoid any risk of explosion, observe the polarities indicated inside the battery compartment. Replace only with the type of batteries specified above. Do not dispose of them in a fire 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



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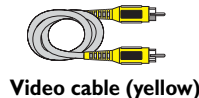
Note: Use only one of the connection methods shown above for each type of equipment.



Scart cable

SCART VIDEO OUT

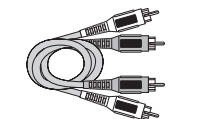
The SCART video socket provides the best quality for video signal. If there is no Scart socket is available on your TV set, check whether your TV has another Video socket (Composite) that you can use to connect your player.



Video cable (yellow)

VIDEO OUT socket

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.



Audio cables

AUDIO IN L (left) and AUDIO IN R (right) sockets

These are analogue audio input 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 FM aerial

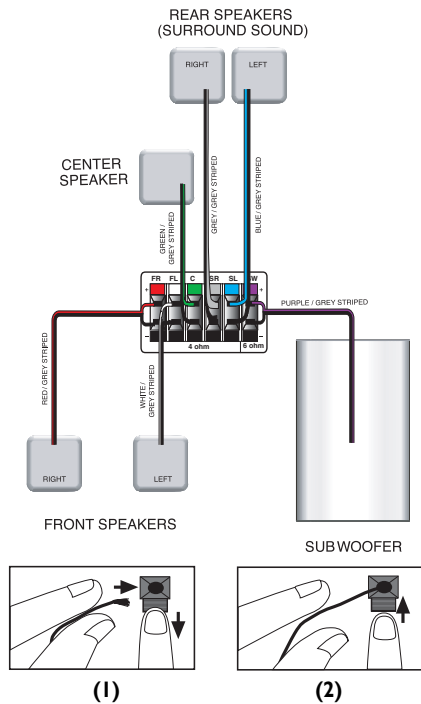


The FM aerial (provided) should be connected to the FM aerial socket at the back of the appliance.

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

Connections and Setup

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.

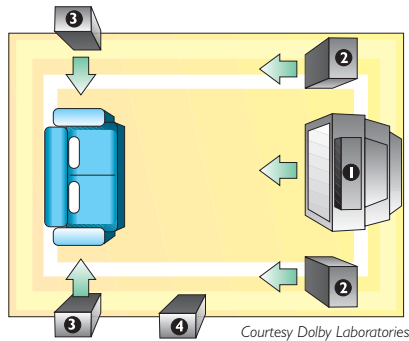
Speaker wires are colour-coded to match the colour-coded terminals.

Connect the speaker wire to the corresponding colour terminal at the back of the appliance. Press down the tab to open the terminal and insert the wire (1). Release the tab to lock the wire in the terminal (2). Do the same for the centre speaker, rear speakers and the subwoofer.

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.

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Positioning speakers



① Centre speaker

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.

② Left, Right (Front Speakers)

They mainly transmit music and sound effects.

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.

④ 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.

Connections and Setup

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.

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Alignment

Align the centre speaker evenly with or slightly behind 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 or beneath the TV set.

Preferred surround position

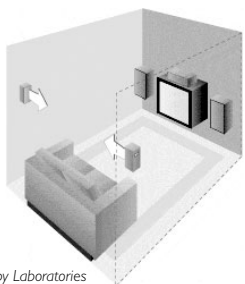
Location

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

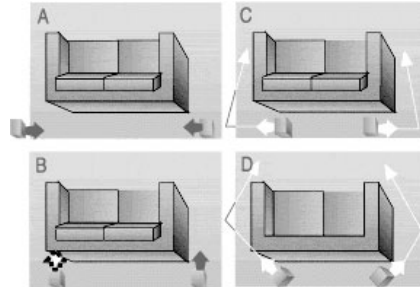


Courtesy Dolby Laboratories

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

Alternative Surround Placement

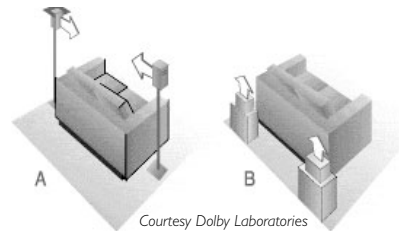
Rear wall



Courtesy Dolby Laboratories

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



Courtesy Dolby Laboratories

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).

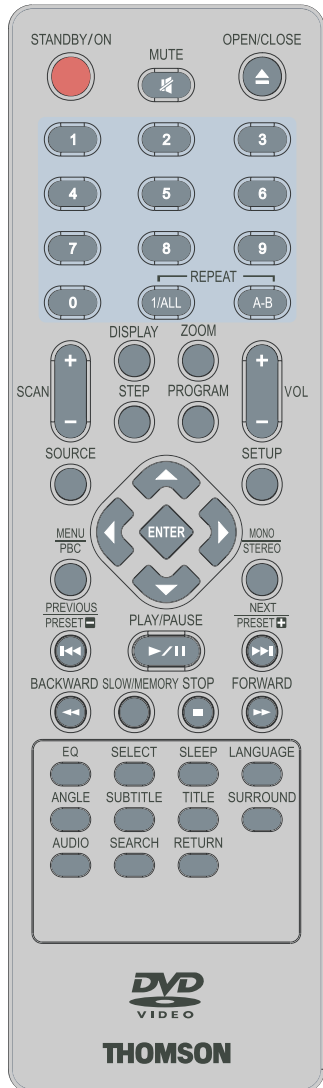
Test tone / Channel balance

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 15).

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; a good surround mix does not attract attention to itself; if it did, it would soon become distracting.

Connections and Setup

The remote control



STANDBY/ON	To switch the appliance on and off.
MUTE	To mute and restore the sound.
OPEN/CLOSE	To open and close the disc tray.
0-9	Number input.
REPEAT 1/ALL	To access the Repeat playback function.
REPEAT A-B	To access the A-B repeat playback function.
- SCAN +	In Tuner mode, to tune down and up the radio frequencies.
DISPLAY	To display the Status menu.
STEP	To start playback image by image.
ZOOM	To access the Zoom function.
PROGRAM	To access program playback.
VOL +/-	To adjust the sound volume.
SOURCE	To select the mode (DVD, FM or AUX).
SETUP	To access the player's menu.
< > ▲ ▼	To navigate through menus.
ENTER	To confirm any selection you make.
MENU/PBC	To access the disc menu or to turn the PBC function on and off (VCD).
MONO/STEREO	To select the mono or stereo mode.
PREVIOUS/PRESET-	To directly access the previous chapter (DVD) or track (CD). In Tuner mode, to select previous programmed stations.
PLAY/PAUSE	To start playing a disc. Pause.
NEXT/PRESET+	To directly access the next chapter (DVD) or track (CD). In Tuner mode, to select next programmed stations.
BACKWARD	To start reverse accelerated play. In Tuner mode, to tune down the radio frequencies.
SLOW/MEMORY	To start reverse or forward slow motion during playback. In Tuner mode, to store a station.
STOP	To stop playback.
FORWARD	To start forward accelerated play. In Tuner mode to tune up the radio frequencies.
EQ	To select a sound setting.
SELECT	To toggle between BASS/TRE and channel settings.
SLEEP	To set the sleep timer.
LANGUAGE	To change the dialogue language.
ANGLE	To access the Camera angle function.
SUBTITLE	To select a subtitle language.
TITLE	To access the title menu (if there is one).
SURROUND	To change the Surround sound setting.
AUDIO	To change the audio format.
SEARCH	To directly access a title, chapter, track or location on the disc.
RETURN	To access the menu (VCD).

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Basic Playback Operations

Compatible discs

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

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Compatible formats

- DVD, VCD (Video Compact Disc), SVCD (Super Video Compact Disc), JPEG, CD Kodak Picture,
- CD, mp3, DivX, mpeg4.

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.

Operating the DVD player

1. Switch on your TV set.
2. Press the **STANDBY/ON** button on the remote control.

Playback

1. Press the **OPEN/CLOSE** button on the front of the appliance or on the remote control 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 the **OPEN/CLOSE** button 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 **ENTER**, or
 - press **PLAY/PAUSE** on the remote control.
4. Press **STOP** to stop playback.

Note: The player stores the point where playback was interrupted. If you press **PLAY/PAUSE** 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 30 minutes without any user interaction, the player switches off automatically.

Accelerated play

While the disc is playing, press the **BACKWARD** or **FORWARD** button one or more times to vary the speed and direction of the accelerated play.

Press **PLAY/PAUSE** to resume normal playback.

Still image

While the disc is playing, press **PLAY/PAUSE** once for freeze frame.

Press **PLAY/PAUSE** to resume normal playback.

Frame advance

While the disc is playing, press the **STEP** button a number of times to advance forward image by image.

Press **PLAY/PAUSE** to resume normal playback.

Variable slow motion

While the disc is playing, press the **SLOW/MEMORY** button a number of times to vary the speed and direction of the slow motion. Press **PLAY/PAUSE** to resume normal playback.

Changing chapter / track

While the disc is playing, press the **PREVIOUS/PRESET-** or **NEXT/PRESET+** button to go immediately to the previous or next chapter or 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.

Basic Playback Operations

Status menu

Press the **DISPLAY** button a number of times during playback to show in turn:

DVD: Title elapsed time, Title remaining time, Chapter elapsed time, Chapter remaining time, Display Off;

VCD, SVCD (PBC off) and Audio CD: Single elapsed time, Single remaining time, Total elapsed time, Total remaining time, Display Off;

VCD and SVCD (PBC on): Single elapsed time, Single remaining time, Display Off.

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 **MENU/PBC** button to enable or disable the PBC function.

Play modes

Repeat playback

While the disc is playing, press the **REPEAT I/ALL** button several times to select a play mode:

DVD: Repeat Chapter, Repeat Title, Off,

VCD, SVCD and audio CD: Repeat One, Repeat Disc, Repeat Off.

Note: On a Video CD with PBC (Playback Control), turn off the PBC option to be able to launch a repeat playback.

A-B repeat

To repeat a sequence between two points A and B, press the **A-B** button at the beginning of the sequence you want to repeat.

Then press the **A-B** button again at the end of the sequence.

Then the sequence is played repeatedly until you press **A-B** to resume normal playback.

Note: A-B repeat can only be used within the same chapter or track.

Programme playback (VCD and audio CD)

With this option, you choose and programme the playback order (up to 99 tracks).

1. Press **STOP** to stop playback.
2. Press the **PROGRAM** button to enter the Programme playback mode.
P00:00 appears on the front display.
3. Enter the track number using the numeric buttons. The first number corresponds to the programme number and the second number corresponds to the track number. Then press **ENTER**.

Repeat this step to add other tracks to the playback list.

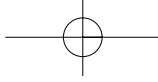
4. Press **PLAY/PAUSE** or **ENTER** to start playback.
Tracks are played in the order of the playback list. Playback stops once all tracks have been played.

*Note: The playback list is erased when you press the **STOP** button three times or when you open the disc tray or when you turn off the player.*

5. To exit the Programme playback function, press the **PROGRAM** button again.

*Note: To repeat the playback list, press the **REPEAT I/ALL** button while in the programme playback mode.*

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Basic playback operations

Playback options

Direct access (DVD)

To directly access a title or a chapter:

1. Press the **SEARCH** button.
2. Select **TITLE** or **CHAPTER** using the ◀ and ▶ buttons, enter a title or chapter number with the numeric buttons and press **ENTER**.

Note: Many discs only have one title.

To directly access a location on the disc which does not correspond to the start of a title or a chapter:

1. Press twice the **SEARCH** button.
2. Select **TIME** with the ◀ and ▶ buttons, enter a time with the numeric buttons and press **ENTER**.

Direct access (VCD, audio CD and DivX)

To directly access a location on the disc which does not correspond to the start of a track:

1. Press the **SEARCH** button.
2. Enter a time with the numeric buttons and press **ENTER**.

Note: On a Video CD with PBC (Playback Control), turn off the PBC option to be able to use this function.

Audio (DVD and VCD)

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

To change the language (DVD) during playback, press the **LANGUAGE** button several times to select one of the available languages.

To change the audio format (DVD and VCD) during playback, press the **AUDIO** button several times to select one of the available audio formats.

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

Subtitles (DVD)

Press several times the **SUBTITLE** button to select one of the available subtitles languages

and press **ENTER**.

Note: This option is only available if the disc offers a number of subtitle languages.

Camera angle (DVD)

Some discs offer different camera angles for specific scenes.

1. Turn the Angle function on by pressing the **ANGLE** button once.
2. When multiple angles are available, the angle icon is displayed on the TV screen.
3. To change the camera angle, press several times the **ANGLE** button to select one of the available camera angles.

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.

Programming the sleep timer

Set an automatic shut-off time (15, 30, 45, 60, 90 or 120 minutes) by pressing several times the **SLEEP** button.

Press **SLEEP** repeatedly to select Off to disable this function.

Volume control

You can vary the level of each speaker and the treble or bass levels.

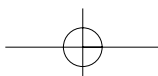
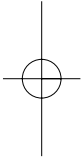
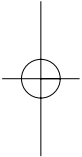
1. Press the **SELECT** button to select a channel: BASS (Bass), TREB (Treble), FL (Front Left speaker), CNT (Center speaker), FR (Front right speaker), SL (Surround left speaker), SR (Surround right speaker) and SUB (Subwoofer). The level of the channel appears on the display and TV screen.
2. Press the **VOL+/-** button to adjust the selected channel's level.

Sound selection

Press the **SURROUND** button repeatedly to select a type of Surround sound.

Press the **EQ** button repeatedly to select an equalizer mode: Pop, Rock, Jazz or Classic.

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mp3, JPEG and DivX 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 5,120 x 3,840 pixels.

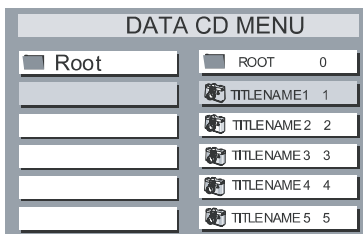
Note: The time taken for the contents of the disc to be displayed varies according to the size and number of JPEG files actually on the disc. If nothing is displayed after a few minutes, it is likely that certain files are too large. In this case, reduce the files' resolution and write another disc.

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.

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Displaying JPEG files or playing mp3 files

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



1. Open the tray by pressing the **OPEN/CLOSE** button.
2. Place the disc with the printed side facing up and close the tray.
3. Select a folder using the **▲** and **▼** buttons, then press **ENTER** to display the list of files.
4. To start playback, select a file using the **▲** and **▼** buttons and then press **ENTER** or **PLAY/PAUSE**, or enter the file number using the numeric buttons.

*Note: During playback, use the **PREVIOUS/PRESET-** or **NEXT/PRESET+** button to go back to the previous file or go on to the next one.*

5. Press **STOP** to stop playback.

Status menu (mp3)

Press the **DISPLAY** button a number of times during playback to show in turn: Chapter elapsed time, Chapter remaining time, Display Off.

Display options (JPEG)

During the slide show, you can use the **PLAY/PAUSE** button to pause the slide show.

Press the **ZOOM** button and then a number of times the **BACKWARD** and **FORWARD** buttons until you reach the zoom size you require. Press **ZOOM** again to exit the Zoom function.

Press the **▲** or **▼** button for an horizontal or vertical flip.

Press the **◀** and **▶** buttons to rotate pictures 90°.

Repeat playback

While the disc is playing, press the **REPEAT I/ALL** button a number of times to select a playback mode: Repeat One, Repeat Album, Repeat Disc, Off.

mp3, JPEG and DivX files

Playing DivX files

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1. Open the tray by pressing the **OPEN/CLOSE** button.
2. Place the disc with the printed side facing up and close the tray. The disc's contents are displayed.
3. Select the DivX file that you wish to play with the **▲** and **▼** buttons and press **ENTER** to start playback.

Status menu

Press the **DISPLAY** button a number of times during playback to show in turn: Chapter elapsed time, Chapter remaining time, Display Off.

Subtitles

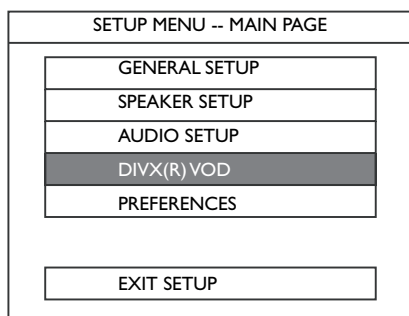
DivX file with embedded subtitles: Press the **SUBTITLE** button a number of times to select one of the available subtitle language.

DivX file with external subtitles: Select the subtitle language in the DivX menu with the **▲** and **▼** buttons and then press **SUBTITLE** to confirm. Then select the corresponding DivX file with the **▲** and **▼** buttons and press **ENTER** to start playback.

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. Press the **SETUP** button.
2. Select the **DivX(R) VOD** option from the **Setup menu-Main page** menu and press **ENTER**. The registration number is displayed.
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.

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.

Radio

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 several times the **SOURCE** button on the remote control or on the front panel to select the Tuner mode.
3. Tune a station by pressing repeatedly **BACKWARD** or **FORWARD** on the remote control until the desired station is found.
Alternatively, you can use the **SCAN-** or **SCAN+** button to activate the automatic search function. In this mode the player will automatically tune frequencies until it finds a station.
4. Repeat steps 3 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 interferences, 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 **SOURCE** button to enter the Tuner mode.
2. Press and hold **PROGRAM** 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 **SLOW/MEMORY** on the remote control. **P00** will appear on the display.
3. Input your desired preset number (1-40) using the numeric buttons, then press **SLOW/MEMORY** again to store it.

Retrieving preset stations

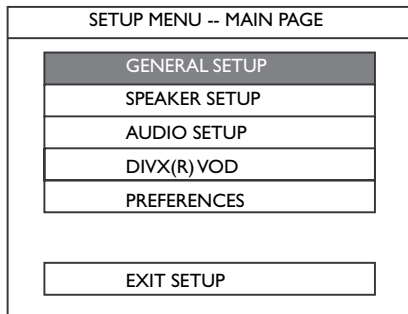
1. Press the **SOURCE** button to enter the Tuner mode.
2. Press **PRESET- ◀◀** or **PRESET+ ▶▶** or the numeric buttons on the remote control to select a preset station.

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Player menus

Using the player's menus

EN



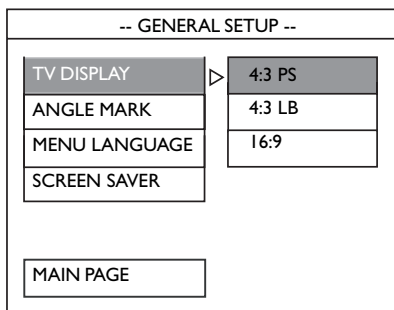
Press the **SETUP** button to display the player's main menu.

Select a menu option using the **▲** and **▼** buttons and press **ENTER** to access the submenu.

To return to a previous menu select the **Main page** option and press **ENTER**.

To exit from the player menus, press the **SETUP** button again or select **Exit setup** and press **ENTER**.

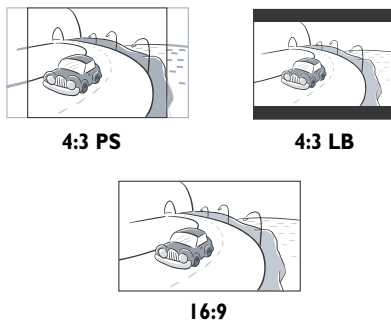
General Setup



1. Select the **General Setup** option using the **▲** and **▼** buttons and press **ENTER**.
2. Select one of the options using the **▲** and **▼** buttons and press **▶** to access the various options.

TV Display

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



1. Press **▶** to access the sub-menu.
2. Select an option using the **▲** and **▼** buttons, then press **ENTER** to confirm:
 - 4:3 PS:** reproduces a 4:3 picture without distortion,
 - 4:3 LB:** gives best reproduction of pictures recorded in this format (i.e. with horizontal bands at the top and bottom of the screen) or in 16:9,
 - 16:9:** reproduces 16:9 format films in full on a 16:9 screen.

Angle Mark

This option enables you to activate or deactivate the angle mark indicating that several angle marks are available on the disc being played.

1. Press **▶** to access the sub-menu.
2. Press **▲** and **▼** to select **ON** or **OFF** and press **ENTER**.

Player menus

Menu Language

1. Press **➤** to access the sub-menu.
2. To change the language of the player menus, choose the language using the **▲** and **▼** buttons and press **ENTER** to confirm.

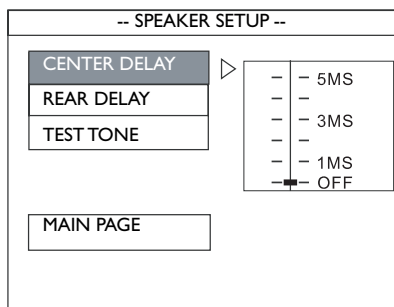
Screen Saver

This option enables you to activate or deactivate the screen saver.

1. Press **➤** to access the sub-menu.
2. Press **▲** and **▼** to select **ON** or **OFF** and press **ENTER**.

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Speaker Setup



1. Select the **Speaker Setup** option using the **▲** and **▼** buttons and press **ENTER**.
2. Select one of the options using the **▲** and **▼** buttons and press **➤** to access the various options.

Center Delay / Rear Delay

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.

1. Select **Center Delay** or **Rear Delay** using the **▲** and **▼** buttons and press **➤** to access the sub-menu.
2. Adjust the distance using the **▲** and **▼** buttons and press **ENTER**.

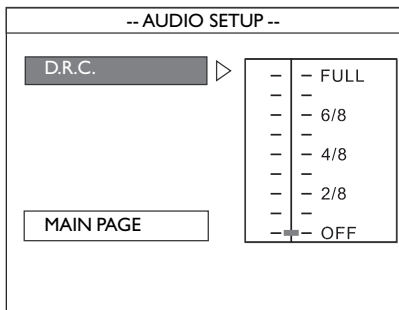
Test Tone

This function is used to test the speaker setting and change the speaker level.

1. Press **➤** to access the sub-menu.
2. Select **ON** using the **▲** and **▼** buttons to start the speaker test. A short noise comes successively from each speaker.
3. Press **◀** to stop the test.

Player menus

Audio Setup



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1. Select the **Audio Setup** option using the ▲ and ▼ buttons and press **ENTER**.
2. Select the option using the ▲ and ▼ buttons and press ► to access the various options.

D.R.C. - Dynamic Compression

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.

1. Press ► to access the sub-menu.
2. Select the level using ▲ and ▼, then press **ENTER**.

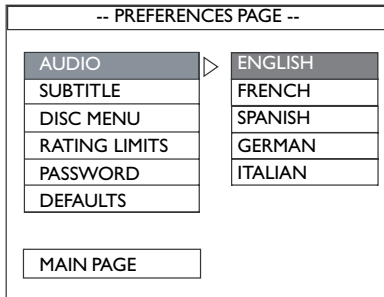
DivX(R) VOD

1. Select the **DivX(R) VOD** option using the ▲ and ▼ buttons.
2. Press **ENTER**. The registration number is displayed.

Please refer to page 12.

Player menus

Preferences



1. Select the **Preferences** option using the **▲** and **▼** buttons and press **ENTER**.
2. Select one of the options using the **▲** and **▼** buttons and press **▶** to access the various options.

Note: The Preferences menu is not available when there is a disc in the player.

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Audio

1. Press **▶** to access the sub-menu.
2. To change the dialogue language, choose the language using the **▲** and **▼** buttons and press **ENTER** to confirm.

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

3. To change the language during play, press several times the **LANGUAGE** button on the remote control.

Subtitle

1. Press **▶** to access the sub-menu.
2. To change the subtitle language, choose the language using the **▲** and **▼** buttons and press **ENTER** to confirm.

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

3. To change the language of the subtitles during playback, press several times the **SUBTITLE** button on the remote control.

Disc Menu

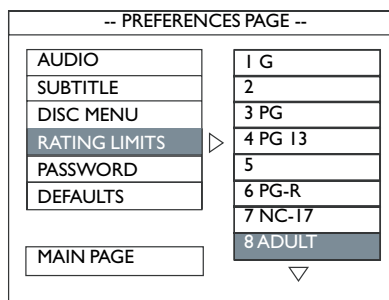
1. Press **▶** to access the sub-menu.
2. To change the language of the disc menus, choose the language using the **▲** and **▼** buttons and press **ENTER** to confirm.

Rating limits

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.

Player menus

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

1. Press **➤** to access the sub-menu.
2. Select the rating level using the **▲** and **▼** buttons, then press **ENTER** to confirm.
3. Enter your 4-digit password using the numeric buttons and press **ENTER**.

Note: If you have not chosen a password yet, the factory preset password is 0000.

Password

This option allows you to change the password.

1. Press **➤** to access the sub-menu.
2. Press **ENTER**.
3. To change the password, enter the current four-digit password in the "Old Password" box. Then enter the new password in the "New Password" box. You are then prompted to enter it again in the "Confirm" box to confirm and to press **ENTER**.

Defaults

This option restores the factory-set settings.

1. Press **➤** to access the sub-menu.
2. Select **Reset** and press **ENTER**.

Additional Information

Troubleshooting

The appliance does not switch on.

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

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 21).
- If you are trying to play a disc containing JPEG files, check that the files have a resolution of less 5,120 x 3,840 pixels.
- 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 20).

There is no picture.

- Check you have switched on the TV set.
- Check the connections.

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

- Check the connections.
- Clean the disc (see page 20).

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

- Check the connections.
- Make sure the speakers are connected.
- Make sure the MUTE function is not on.

No surround sound.

- Check the speaker configuration in the **Speaker setup** 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.

The subtitles do not appear.

- Check that the DVD disc provides

subtitles.

- Refer to the section on how to display subtitles.

The disc menu language is not the correct one.

- The disc menu language has not been set up (see page 17).
- The language of your choice is not available on the disc (see page 17).

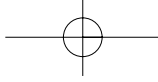
You have forgotten your password (Parental control).

- Select the **Password** option in the **Preferences Page** menu and press **ENTER**. When the "Old Password" box is displayed, press the **STOP** button four times in order to reset the password to 0000.

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.

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Additional Information

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.

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

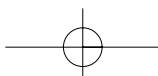
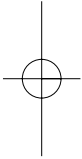
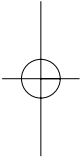


- Handle your discs with care. Hold the disc with your fingers at the edges or through the hole.
- Insert the disc with the label facing up (for a single-sided disc).
- Place the disc properly into the tray in the allotted holder.
- Use a soft cloth to clean discs if necessary, always wiping from the 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.

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Additional Information



- 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.

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-230 V - 50 Hz
 Power consumption: 50 W (1.5 W in standby)
 Operating conditions: +5°C to +35°C
 Surrounding humidity: 10% to 75 % (no condensation)

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

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

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 - Super Video 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.

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Additional Information

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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.

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 I/2, AC3, DTS, PCM. Formats such as AAC and Ogg Vorbis are not supported by this player.

DivX files with subtitles in .SRT, .SSA, .ASS, .SUB, .TXT, .IDX and .PSB formats can be played. The following subtitle languages can be displayed: LATIN 1, LATIN 2 and LATIN CYRILLIC. Correct playback of all languages may not be possible as some characters may be missing.



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 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 six 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.