DVD Video Player

DVD 580M

Let's make things better.

PHILIPS
General Information

The region code for this set is 3.

Since it is usual for DVD movies to be released at different times in different regions of the world, all players have region codes and discs can have an optional region code. If you load a disc of a different region code to your player, you will see the region code notice on the screen. The disc will not playback, and should be unloaded.

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Laser safety

This unit employs a laser. Due to possible eye injury, only a qualified service person should remove the cover or attempt to service this device.

USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.

NOTE:
PICTURES SHOWN MAYBE DIFFERENT BETWEEN COUNTRIES.

<table>
<thead>
<tr>
<th>LASER</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td>Semiconductor laser GaAlAs</td>
</tr>
<tr>
<td>Wave length</td>
<td>650 nm (DVD)</td>
</tr>
<tr>
<td></td>
<td>780 nm (VCD/CD)</td>
</tr>
<tr>
<td>Output Power</td>
<td>7 mW (DVD)</td>
</tr>
<tr>
<td></td>
<td>10 mW (VCD/CD)</td>
</tr>
<tr>
<td>Beam divergence</td>
<td>60 degree</td>
</tr>
</tbody>
</table>

CAUTION
(WARNING LOCATION: ON THE BACKPLATE OF SET)
NEVER MAKE OR CHANGE CONNECTIONS WITH THE POWER SWITCHED ON.

For Customer Use:

Read carefully the information located at the bottom of your DVD VIDEO player and enter below the Serial No. Retain this information for future reference.

Model No. DVD VIDEO
Serial No. __________________________
<table>
<thead>
<tr>
<th>Language</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>5</td>
</tr>
<tr>
<td>中文 (简体)</td>
<td>23</td>
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<tr>
<td>中文 (繁體)</td>
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</tr>
<tr>
<td>Bahasa Melayu</td>
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Thank you for purchasing this Philips DVD player. This Owner’s Manual explains the basic operation of this DVD player.

Environmental Information
All unnecessary packaging has been omitted. Packaging has been made easy to separate into three materials: cardboard (box), polystyrene foam (buffer) and polyethylene (bags, protective foam sheet).

Your DVD player consists of materials which can be recycled and reused if disassembled by a specialised company. Please observe the local regulations regarding the disposal of packaging materials, exhausted batteries and old equipment.

Supplied accessories
- Remote control
- Batteries (two AA size) for remote control
- Audio cable
- CVBS cable
- Owner’s Manual
- 12 Volt Adaptor
- AC Power Cord

Safety Information
- Before operating the DVD player, check that the operating voltage indicated on the typeplate (or the voltage indication beside the voltage selector) is identical with the voltage of your local power supply. If not, please consult your dealer.
- Place the DVD player on a flat, hard and stable surface.
- There must be sufficient room in front of the player for the disc tray to be opened.

- In cabinet, allow about 2.5cm (1 inch) of free space all around the player for adequate ventilation.
- Do not expose your player to extreme of temperature or humidity.
- If the DVD player is brought directly from a cold to a warm location, or is placed in a very damp room, moisture may condense on the lens of the disc unit inside the DVD player. Should this occur, the DVD player would not operate normally. Leave the power on for about one hour with no disc in the DVD player until normal playback is possible.
- The mechanical parts of the set contain self-lubricating bearings and must not be oiled or lubricated.
- When the DVD player is switched to Standby mode, it is still consuming some power. To disconnect the system from the power supply completely, remove the AC power plug from the wall socket.

Symbols Used in this Manual
The below symbols appear in some headings and notes with the following meanings:

DVD – Description refers to playback of DVD-video discs
VCD – Description refers to playback of Video CDs
CD – Description refers to playback of Audio CDs

Helpful Hints!
- Some DVD video discs require specific functions or allow only limited functions during playback.
- “ ” may appears on the TV screen which means that the function is not available on that specific DVD video disc.
You can place your DVD player in two positions as the following:

**Horizontal Position**
1. Place the DVD player on the DVD stand in horizontal position.
2. Use a coin and adjust the screw to the DVD player rear panel to lock the horizontal position.

**Vertical Position**
1. Place the DVD player on the DVD stand in vertical position.
2. Use a coin and adjust the screw to the DVD player rear panel to lock the vertical position.
Functional Overview

Front and Rear Panels

**STANDBY**
- light appears when power is in Standby mode

**Disc Tray**
- insert a disc here

**Display**
- message about current DVD player operations

**IR Sensor**
- receive signals from remote control

**12Volts DV Input**
- connect to an external adaptor

**Pr/Cr Pb/Cb Y VIDEO OUT**
- connect to a TV with Pr/Cr Pb/Cb Y inputs

**S-VIDEO OUT**
- connect to a TV with S-Video inputs

**VIDEO**
- connect to Video inputs of a TV

**MULTICHANNEL 5.1 Analogue Audio Out**
- connect to SPEAKER inputs of a dedicated speaker system from Philips

**MULTICHANNEL AUDIO OUT**
- center speaker, subwoofer, front and surround speakers connection

**OPTICAL (Digital audio out)**
- connect to digital (optical) audio equipment

**COAXIAL (Digital audio out)**
- connect to AUDIO inputs of a digital (coaxial) audio equipment

**Caution:** Do not touch the inner pins of the jacks on the rear panel. Electrostatic discharge may cause permanent damage to the unit.

- **STOP**
  - to stop playback

- **□ PREV**
  - goes to previous chapter or track

- **□□ NEXT**
  - goes to next chapter or track

- **POWER**
  - press to turn the power on or off

- **II PLAY/PAUSE**
  - to start or interrupt playback

- **△ EJECT**
  - to reload or to eject the disc

- **STANDBY**
  - light appears when power is in Standby mode

- **POWER**
  - press to turn the power on or off

- **STOP**
  - to stop playback

- **□□ NEXT**
  - goes to next chapter or track

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  - goes to next chapter or track

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  - to start or interrupt playback

- **△ EJECT**
  - to reload or to eject the disc
Functional Overview

Remote Control

PBC ON/OFF
– to switch on or off PBC mode

VIDEO SYS
– to select between MULIT/NTSC/PAL system

DISPLAY
– to display time information during playback

DVD ()
– switch DVD ON or go to standby-on mode

0 to +10 numerical key pad
– select numbered items in a menu

– (left/right/up/down) select an item in the menu

OK
– acknowledge menu selection

SLOW REV
– to go backward in slow motion

PREV (¡)
– go to previous chapter or track

NEXT (™)
– go to next chapter or track

SLOW FWD
– to go forward in slow motion

SEARCH
– playback at any chosen time on CD or VCD
– playback at any chosen chapter or time on DVD

PREVIEW
– display the content of a track or whole disc

SOUND MODE
– to select between left, right and stereo in CD/VCD mode

SOUND 3D
– to select the desired sound effect

REPEAT
– repeat chapter, track, title, disc

REPEAT (A-B)
– repeat a specific segment

CLEAR
– to delete actions not needed

TITLE
– display title menu during playback

DISC MENU
– access menu of a DVD disc

SYSTEM MENU
– access or remove player’s system menu

PROGRAM FTS
– to store your favourite tracks of a disc in the player memory.

STOP/RETURN (■)
– go back to previous menu / to stop playback

REV ↔ (REVERSE)
– to go backward in fast motion

FWD ➞ (FORWARD)
– to go forward in fast motion

PLAY/PAUSE (▷)
– to start or interrupt playback

SUBTITLE
– subtitle language selector

ANGLE
– select DVD camera angle

ZOOM
– enlarge video image

AUDIO
– audio language selector

For Speaker and Karaoke, see next page
Remote control (Speaker & Karaoke)

For Speaker

**SPEAKER**
- switch speaker ON or go to standby-on mode

**VOLUME (±)**
- to increase or decrease the volume

**BASS (±)**
- to adjust the bass level

**TREBLE (±)**
- to adjust the treble level

**INPUT 123**
- to select speaker input 1, 2, 3

**SPEAKERS MUTE**
- to interrupt or resume sound

For Karaoke Control

**MIC ON/OFF**
- to switch ON/OFF microphone

**KEY CONTROL (1-2)**
- changing key of vocal range

Side Panel (Karaoke)

**LEVEL**
- microphone volume control

**MIC**
- for connecting microphone

Basic Connections

- Please refer to the instruction books of your TV, VCR, Stereo System or other devices as necessary to make the best connections.

- Make one of the following connections, depending on the capabilities of your existing equipment.

The following guidelines are options for the best picture and sound quality available on your DVD player:

**Picture**

1. Use the CVBS Video Output for good picture quality.
2. Use S-Video Output for the better picture quality.
3. Use Component Video (Y CbPb CrPr) Output for best picture quality.

**Sound**

1. Digital audio connections provide the clearest sound. Connect the DVD player’s DIGITAL AUDIO OUT (either COAXIAL or OPTICAL) to your amplifier or receiver.
2. If digital connections are not possible, connect the DVD player’s Front Left and Front Right AUDIO OUT to your amplifier, receiver, stereo or TV.

**Warning!**

- Never make or change connections with the power switched on.
- Connect the DVD player directly to your TV, instead of eg. a VCR, to avoid distortion because DVD video discs are copy protected.
- Do not connect the DVD player AUDIO OUT to PHONO IN of your amplifier or receiver.
Connecting to a TV

Make one of the following connections, depending on the capabilities of your existing equipment.

If your TV has a Component Video (Y CbPb CrPr) input connector,
1. Connect the Component VIDEO (Y CbPb CrPr) OUT on the DVD player to the Component VIDEO (Y CbPb CrPr) IN on the TV.
2. Connect the Front Left and Front Right AUDIO OUT on the DVD player to the Left and Right AUDIO IN on the TV.

If your TV has a Video input connector,
1. Connect the VIDEO OUT on the DVD player to the VIDEO IN on the TV.
2. Connect the Front Left and Front Right AUDIO OUT on the DVD player to the Left and Right AUDIO IN on the TV.

If your TV has a S-Video input connector,
1. Connect the S-VIDEO OUT on the DVD player to the S-VIDEO IN on the TV.
2. Connect the Front Left and Front Right AUDIO OUT on the DVD player to the Left and Right AUDIO IN on the TV.

Connecting to an Audio System

1. You can also listen to the sound of audio CDs and DVD video discs by connecting to an optional stereo system.
2. Connect the Front Left and Front Right on the DVD player to the Left and Right AUDIO IN on the stereo system.

Connecting to Philips Speaker System

Connect the MULTI 5.1 channel output on the DVD player to the dedicated Philips Speaker system (cable supplied with the speaker system).
Connecting to Optional Equipment

- A digital component with a built-in MPEG 2 or Dolby Digital™ decoder allows you to enjoy the surround sound while producing the effect of being in a movie theater or a concert hall.
- The player outputs the surround sound signals from the DIGITAL OUT COAXIAL or OPTICAL connectors.

If your receiver has a MPEG 2 or Dolby Digital™ decoder,

1. Connect the COAXIAL or OPTICAL DIGITAL AUDIO OUT of the DVD player to the COAXIAL or OPTICAL DIGITAL AUDIO IN on your receiver.

Note:
- If the audio format of the digital output does not match the capabilities of your receiver, the receiver will produce a strong, distorted sound or no sound at all.

Connecting to a Multi-channel Audio/(Video) receiver with 6 connectors

- This player contains a multi-channel decoder and it enables playback of DVDs recorded in Multi-channel.

1. Connect the audio Left and Right outputs for Front speaker connection (1) to the corresponding input sockets on your receiver using the audio cable supplied.
2. Connect the audio Left and Right outputs for Surround speaker connection (2) to the corresponding inputs on your receiver using an optional audio cable.
3. Connect the audio outputs for Center speaker and Subwoofer connection (3) to the corresponding inputs on your receiver using an optional audio cable.
4. In the CHANNEL SETUP menu, select DOWNMIX to OFF.
5. The 6CH function is now enable (see ‘Setup Menu’).

Note:
- If the subwoofer is equipped with its own amplifier, the Subwoofer connection should be connected directly to the subwoofer.
Preparation

Inserting batteries into the Remote Control

1 Open the battery cover.
2 Insert batteries (AA size) with the correct polarity as indicated by the + and - symbols inside the battery compartment.
3 Close the cover.

CAUTION!
- Remove batteries if they are exhausted or not to be used for a long time.
- Do not use old and new or different types of batteries in combination.
- Batteries contain chemical substances, so they should be disposed off properly and kept away from children.

Using the Remote Control
- Direct the remote control at the remote sensor of the DVD player.
- Do not drop the remote control.
- Do not leave the remote control near extremely hot or humid place.
- Do not spill water or put anything wet on the remote control.

NTSC/PAL Conversion
- This player is equipped with an NTSC/PAL conversion feature that converts the video output of the disc to match your TV system.
- Allows you to select between PAL, NTSC and MULTI mode.

The conversions supported are as follows:

<table>
<thead>
<tr>
<th>Disc Type</th>
<th>Format</th>
<th>Output format Selected mode</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>NTSC</td>
</tr>
<tr>
<td>DVD</td>
<td>NTSC</td>
<td>NTSC</td>
</tr>
<tr>
<td></td>
<td>PAL</td>
<td>Not Supported</td>
</tr>
<tr>
<td>VCD</td>
<td>NTSC</td>
<td>NTSC</td>
</tr>
<tr>
<td></td>
<td>PAL</td>
<td>NTSC</td>
</tr>
</tbody>
</table>

Switching On

1 Connect the AC power cord to the power outlet.
2 Switch on the TV and DVD player.
3 Set the TV to the correct Video IN channel. (eg. EXT1, EXT2, AV1, AV2, AUDIO/VIDEO, etc. (Refer to your TV owner's manual for detail)
4 The player display lights up and the default screen appears on the TV.
5 If you are using an external equipment (eg audio system or receiver), turn them on and select the appropriate input source that was used to connect to the DVD player output. Refer to the equipment owner’s manual for detail.
Basic Playback

1. Press POWER on the front panel to turn on the DVD player.
2. Insert the chosen disc in the tray, with the label facing up.
3. Disc playback starts automatically or press PLAY to start playback depending on the disc menu on the TV screen.
4. Press EJECT to eject or reload the disc.

Notes:
- DVDs may have a region code. Your player will not play discs that have a region code different from the region code of your player.
- If ‘Disc Lock’ is set to ON and the disc inserted is not authorised, the 4-digit code must be entered and/or the disc must be authorised (see ‘Disc Lock’).

General Features

Note:
- Unless stated, all operations described are based on remote control use. Some operations can be carried out using the menu bar on the TV screen.

Video Control during playback

STOP/RETURN

1. You can resume playback from the point where the playback was last stopped by pressing the STOP/RETURN key once.
   ➜ The help line text appears “Press PLAY to continue” will be displayed.
2. Playback will start from the beginning if you press STOP/RETURN key twice to stop playback.

PAUSE/PLAY

1. Press PAUSE/PLAY once.
   ➜ Playback will pause.
2. To resume normal playback, press PAUSE/PLAY again.

PREV/NEXT

1. Press PREV ▪ to go to previous chapter or track.
2. Press NEXT ▷ to go to next chapter or track.

SLOW MOTION

1. Press SLOW (FWD) or SLOW (REV) repeatedly to get different playback slow forward/backward speed (1, 2, 3, OFF).
2. Press PLAY to return to normal playback.

   Note:
   - Slow backward feature is not applicable during VCD playback.

REV/FWD

1. Press REV ◀ or FWD ▶ repeatedly to get different playback forward/backward speed (1, 2, 3, 4, OFF).

Audio Control during playback

SOUND MODE

DVD

DVD has two stereo audio channels which are used for playing karaoke or the audio language selection.

1. Press SOUND MODE repeatedly to get different audio channel.

VCD

VCD has only one stereo audio channel; mono left audio channel or mono right audio channel by pressing the SOUND MODE key on the remote control.

SOUND 3D

DVD

The DVD player can reproduce with the maximum of 5 virtual surround sound effects. Sound 3D is available only when set to ‘Karaoke mode’.

1. Press SOUND 3D repeatedly to switch for different sound effect.

Repeat

DVD

Repeat chapter/title/disc

• To repeat the current chapter, press REPEAT.
• To repeat the current title, press REPEAT a second time.
• To exit Repeat mode, press REPEAT a third time.
Repeat track/disc
- To repeat the current track, press REPEAT.
- To repeat the entire disc, press REPEAT a second time.
- To exit Repeat mode, press REPEAT a third time.

Repeat A-B  
- DVD-Video Discs: repeat a sequence in a title
- Video and Audio CDs: repeat a sequence in a track
1. Press REPEAT A-B at your chosen starting point.
2. Press REPEAT A-B again at your chosen end point.
   ➜ The playback of the repeat sequence begins.
3. To exit the sequence, press REPEAT A-B.

Search
1. Press SEARCH key to display chapter edit box.
2. Enter the desired chapter number using remote control numerical key pad.
3. Press SEARCH second time to enter time selection mode.
4. Enter hours, minutes and seconds from left to right in the time edit box using remote control numerical key pad (eg. 00:34:27).
5. Press OK key to confirm.

Display
Information about the disc will be display by pressing the DISPLAY button on the remote control during disc playback.

DVD disc:
- TITLE CHAPTER NUMBER / TIME ELAPSED
- TITLE REMAIN
- CHAPTER ELAPSED
- CHAPTER REMAIN

VCD disc:
- SINGLE ELAPSED
- SINGLE REMAIN
- TOTAL ELAPSED
- TOTAL REMAIN
- OFF

When PBC is set to ON, the following options will appears;
When PBC is set to OFF, the following options will appears;

Title Menu  
1. Press TITLE key to display the title menu on the screen.
2. Use the ◄►▲▼ keys to move to the required title and OK to confirm.
3. You can also enter the numerical key pad to play the selected title.

Disc Menu  
1. Press DISC MENU key to display the chapters available on the DVD disc.
2. Use the ◄►▲▼ keys to move to the required title and OK to confirm.
3. You can also enter the numerical key pad to play the selected chapter.

Zoom
The Zoom function allows you to enlarge the video image and to pan through the enlarged image.
1. Press ZOOM key on the remote control.
2. Select the required zoom factor: 1.5 or 2 or 4 or OFF using ◄►▲▼ keys to pan across the screen.
   ➜ The zoomed picture will appear on the TV screen.
3. Press ZOOM key again to return to the normal size.
While playback is stopped, press PROGRAM FTS on the remote control.

The program FTS edit box appears.

Enter the desired track using the numerical key pad on the remote control.

The title number will be added to the list of selections.

Press CLEAR on the remote control to erase the track number which is not needed.

Press PLAY/PAUSE to begin playback of the programmed track.

Note:
- For VCD disc, program FTS will be activated only during PBC OFF.
- Program FTS is not available on DVD/MP3 discs.

Special DVD Features

DVDs may contain menus to navigate the disc and access special features. Press the appropriate numerical key or use the ▼, ▲, ▶, ◄ keys to highlight your selection in the DVD menu and press OK to confirm.

Camera Angle

Some discs contain scenes which have been shot simultaneously from various angles.

Press ANGLE key on the remote control repeatedly to display the multiple angles (4/4, 3/4, 2/4, 1/4).

Changing the audio language

Press AUDIO key on the remote control repeatedly to select the different languages.

Note:
- This feature is subject to availability of the disc.

Subtitles

Press the SUBTITLE key on the remote control repeatedly to select the different subtitles.

Special VCD & SVCD Features

Playback Control (PBC)

1. Load a Video CD with PBC and press PLAY.
2. Press PBC key to switch to PBC ON or OFF mode.
3. Press again the PLAY key to start playback.
   
   Note:
   - When PBC is ON, playback will start from the beginning of the disc by pressing STOP key.

Preview

The Preview function allows you to reduce the picture of 9 tracks enough to display in a full screen.

1. At stop mode and when PBC is set to OFF, press PREVIEW key on the remote control.
   
   The preview menu will be displayed.
2. Select the track number by using the numerical key pad on the remote control.
3. Playback will start automatically on the selected track.

Karaoke

1. Load a karaoke disc into the DVD player.
2. Select KARAOKE SETUP in the Setup menu.
   
   Karaoke menu bar appears.

3. Select to karaoke mode to activate the karaoke function.
4. Connect a microphone to the player at the side of the player.
5. Adjust the KEY CONTROL (±) to change the key of vocal range.
6. Adjust the LEVEL volume knob at the side of the player to increase or decrease the microphone volume.

Note:
- 3D options are available in Karaoke mode.
**Basic Operations**

1. Press SYSTEM MENU to enter the Setup menu. SETUP menu appears on the TV screen.
2. Use the ▲ ▼ ▼ keys to toggle through the functions and select your preferred option.
3. Press OK to confirm a highlighted selection.
4. Press SYSTEM MENU again or move ▼ key to EXIT SETUP MENU on the screen and press OK to quit.

**Setup Menu**

**TV Display**

Select the aspect ratio of the TV to be connected.

- **16:9 (WIDE)** ➜ when you connect a widescreen TV to the DVD player.
- **4:3 NORMAL/LB** ➜ when you connect a normal TV to the DVD player. Displays a wide picture with bands displayed on the upper and lower portions of the TV screen.
- **4:3 NORMAL/PS** ➜ when you connect a normal TV to the DVD player. Displays the wide picture on the whole TV screen with a portion automatically cut off.

**General Setup Menu**

1. Press ▲ ▼ keys to choose GENERAL SETUP menu.
2. Press OK to confirm a selection. Setting for GENERAL SETUP appears on the TV screen.
3. Select MAIN PAGE to exit to default screen.

**PIC mode**

In this menu, you can choose one picture mode to personalize the effect of the picture on your TV.

- **Auto**: Images are automatically set to standard settings.
- **Hi-Res**: Images are sharper and clearer to achieve a high quality resolution mode.
- **N-Flicker**: Images are set to flickerless mode.
**Angle Mark**
ON: Current angle setting will be display on the right hand side of the screen.
OFF: Disable the current angle setting display.

**OSD Lang**
There are two options available for information display on the TV screen.
ENGLISH: OSD information will be displayed in English.
CHINESE: OSD information will be displayed in Chinese.

**Screen Saver**
This function is used to turn on or off the screen saver.
ON: At stop mode, screen saver will turn on within 2 seconds.
OFF: Screen is disable.

**Video Out Setup**

**Video Out**
S-Video: Video signal will send an output from the S-Video on the rear panel of the DVD player to the TV.
YCbCr: If your TV is equipped with YCbCr input, choose this feature to obtain higher picture quality.

**Channel setup**
This menu contains setup options for your speaker system to reproduce high quality surround sound.

**Downmix**
LT/RT: Select this settings when the DVD player is connected to a Dolby Prologic decoder which send a signal output from the DVD player.
STEREO: This setting will downmix the signal of Dolby Digital and DTS into stereo signals directly output from front L/R connector.
VSS: Allows the DVD player to reproduce virtual surround sound effects.
OFF: To disable the DOWNMIX mode.

**Centre / Rear / Subwoofer**
Set DOWNMIX mode and Karaoke mode to OFF to enable this settings.
ON: Enable signal output for centre/rear/subwoofer speaker.
OFF: Disable signal output for centre/rear/subwoofer speaker.

**Cntr Delay / Rear Delay**
Set Centre Delay or Rear Delay mode to ON in the menu to delay the sound reproduction from the speakers.

**Test tone**
This setting is used to verify the audio system connection. When TEST TONE is ON, some sound can be heard from every speaker.
ON: Enable the test tone.
OFF: Disable the test tone.
## Setup Menu

### Audio Setup

#### Audio Out

**Analog:** Analog output selection enables you to specify the type of analog output to match your DVD player’s playback capability.  
**SPDIF (RAW):** Original digital signals output from coaxial and optical terminals.  
**SPDIF (PCM):** Convert to PCM signals output.

**Note:**  
– When SPDIF (RAW) and SPDIF (PCM) is set, analog output will be disable.

#### Dual mono

**Stereo:** Left mono sound will send output signals to Left speaker and Right mono sound will send output signals to Right speaker.  
**L-mono:** Left and Right mono sound will send output signals to Left speaker only.  
**R-mono:** Left and Right mono sound will send output signals to Right speaker only.  
**Mix-mono:** Left and Right mixed mono sound will send output signals to Left and Right speakers.

#### LPCM output

To set a sampling rate to decode LPCM audio.  
**LPCM 96k:** Detect the disc for appropriate sampling rate, if the disc is not 96kHz, select LPCM 48k: to decode the process under the sampling rate of 48kHz.

#### Dynamic

To optimised the dynamic sound output. High volume outputs are softened, enabling you to watch your favourite action movie without disturbing others.  
The levels for dynamic selection:  
1/8, 2/8, 3/8, 4/8, 5/8, 6/8, 7/8, 8/8 and OFF.

### Karaoke Setup

#### Karaoke mode

**OFF:** Disable the karaoke mode.  
**Karaoke:** Enable the karaoke mode.

**Note:**  
– When Karaoke mode is set to ON, individual speaker in Channel setting manual will not be activated.

### Preferences

Preferences features can be selected only when the player is under “No disc” condition.

#### TV Type

This player is equipped with an NTSC/PAL settings to ensure that the DVD player system matches your TV.  
**MULTI:** video output is depending on the format of the disc.  
**NTSC:** DVD player will output only NTSC system.  
**PAL:** DVD player will output only PAL system.

**Note:**  
– When TV system selection did not match between the DVD player and the disc, the picture may appear distorted.
Audio / Subtitle / Disc menu

DVD discs are available for multi-audio / subtitle / disc menu languages. Use these settings to choose your preferred default language.
Audio: English, French, Spanish, Chinese, ... etc.
Subtitle: English, French, Spanish, Chinese, ... etc.
Disc menu: English, French, Spanish, Chinese, ... etc.

Notes:
– This feature is subject to availability of the disc.
– If the language selected is not available on the disc, the default language designated by each disc will be selected.

Parental

Parental feature allows you to prevent discs from being played by your children or to have certain discs played with alternative scenes.
If you set a rating for the player, all scenes with the same rating or lower will be played.
The rating levels for selection:
1, 2, 3, 4, 5, 6, 7, 8 and No Parental.

Password

You can change the setup of parental setting with a recognise password. Enter your password when required by the DVD player:
1 Enter the current 4 digit code.
2 Move to NEW PASSWORD using the key.
3 Enter the new 4-digit code.
4 Enter the code a second time to reconfirm.
5 Press PLAY key to exit the menu.
→ The new 4 digit code will be take effect.

Note:
– If you forget the password, you can enter the default password 3308 and replace your password after logging in.

Default

Use DEFAULT feature if problems occur during setting the DVD player. This feature will reset all settings to factory and all the personal settings will be erase.
This DVD player can playback JPEG format pictures and MP3 files.

1 After loading a JPEG format/MP3 files disc, root menu will be displayed on the screen automatically.
2 Press ▲/▼ to scroll through the previous or next Album.
3 Press ◄► to scroll through the Album or next Track.
4 You can also select the desired album/track number directly using the numeric keys on the remote control.

Note:
- In STOP mode: numbers are used for ALBUM selection.
- In PLAY mode: numbers are used for TRACK selection.

Only the following functions are possible for MP3 discs:
- STOP/RETURN
- PLAY/PAUSE
- SKIP NEXT / PREVIOUS
- REPEAT (TRACK / ALBUM / DISC)

Notes:
- The disc reading time may exceed 10 seconds due to the large number of songs compiled onto one disc.
- Playback of multi-session disc is supported for the first 10 sessions with the same format.
- For multi-session discs with different formats, only the first session will be available.

JPEG Features

Zoom
1 During playback, press zoom to display the picture with different scales.
2 Press FWD to enlarge picture scale.
3 Press REV to reduce picture scale.

Multi-angles
When displaying one picture on TV screen, press the ◄►▲▼ keys to get different angle effects.
▲ key: flip the picture vertically
▼ key: flip the picture horizontally
◄ key: rotate the picture anti-clockwise
► key: rotate the picture clockwise

Preview
1 During playback, press PREVIEW.
9 reduced pictures will be displayed on the TV screen.
2 Press ◄►▲▼ keys to highlight one of the picture and OK to display in full screen.

MP3 Discs - Album/Track/Disc

- REPEAT TRACK - to repeat a track playback in all sequences.
- REPEAT ALBUM - to repeat an album playback in all sequences.
- ALBUM PLAYBACK - shuffle playback images in the selected folder within the first 10 seconds of each album/track on the disc.
- SKIP NEXT / PREVIOUS - use NEXT/PREV or numerical key pads to select your desired album/track. During playback, use FWD/REV to skip forward/backward of the current track/album.
PLAYBACK SYSTEM
DVD Video
Video CD & SVCD
CD (CD-Recordable and CD-Rewritable)
MP3 CD

TV STANDARD (PAL/50Hz) (NTSC/60Hz)
Number of lines 625 525
Playback Multistandard (PAL/NTSC)

VIDEO PERFORMANCE
Video output Y: 1 Vpp into 75 ohm
S-Video output Y: 1 Vpp into 75 ohm
Component video output Y: 1 Vpp into 75 ohm
C: 0.3 Vpp into 75 ohm
Pb/Cb Pr/Cr: 0.7 Vpp into 75 ohm

AUDIO FORMAT
Digital MPEG Compressed Digital
Dolby Digital 16, 20, 24 bits
PCM fs, 44.1, 48, 96 kHz

CONNECTIONS
Y Output Cinch (green)
Pb/Cb Output Cinch (blue)
Pr/Cr Output Cinch (red)
S-Video Output Mini DIN, 4 pins
Video Output Cinch (yellow)
Audio L+R output Cinch (white/red)
Audio Subwoofer Cinch (black)
5.1 Channel Audio Mini DIN, 9 pins output
Digital Output 1 coaxial, 1 optical
IEC958 for CDDA / LPCM
IEC1937 for MPEG1/2, Dolby Digital

CABINET
Dimensions (w x h x d) 228 x 56 x 296 mm
Weight Approximately 2.32 Kg

Specifications subject to change without prior notice

Specifications

Cleaning the Cabinet
- Use a soft cloth slightly moistened with a mild detergent solution. Do not use a solution containing alcohol, spirits, ammonia or abrasives.

Cleaning Discs
- When a disc becomes dirty, clean it with a cleaning cloth. Wipe the disc from the centre out. Do not wipe in a circular motion.
- Do not use solvents such as benzine, thinner, commercially available cleaners, or antistatic spray intended for analogue records.

Cleaning the disc lens
- After prolonged use, dirt or dust may accumulate at the disc lens. To ensure good playback quality, clean the disc lens with Philips CD Lens Cleaner or any commercially available cleaner. Follow the instructions supplied with the cleaner.

Maintenance
Troubleshooting

WARNING
Under no circumstances should you try to repair the system yourself, as this will invalidate the warranty. Do not open the system as there is a risk of electric shock.

If a fault occurs, first check the points listed below before taking the system for repair.

<table>
<thead>
<tr>
<th>Problem</th>
<th>Solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>No power</td>
<td>– Check if the AC power cord is properly connected.</td>
</tr>
<tr>
<td>No picture</td>
<td>– Check if the TV is switched on.</td>
</tr>
<tr>
<td>Distorted picture</td>
<td>– Check the video connection.</td>
</tr>
<tr>
<td>Completely distorted picture or black/white picture with DVD or Video CD</td>
<td>– Sometimes a small amount of picture distortion may appear. This is not a malfunction.</td>
</tr>
<tr>
<td>No sound or distorted sound</td>
<td>– Make sure the NTSC/PAL setting at the DVD player matches the video signal of your television. (See NTSC/PAL Conversion/Settings)</td>
</tr>
<tr>
<td>No audio at digital output</td>
<td>– Adjust the volume.</td>
</tr>
<tr>
<td>No sound and picture</td>
<td>– Check that the speakers are connected correctly.</td>
</tr>
<tr>
<td>Picture freezes momentarily during playback</td>
<td>– Check the digital connections.</td>
</tr>
<tr>
<td>Disc can’t be played</td>
<td>– Check the settings menu to make sure the digital output is set to ALL or PCM.</td>
</tr>
<tr>
<td>No return to start-up screen when disc is removed</td>
<td>– Check if the audio format of the selected audio language matches your receiver capabilities.</td>
</tr>
<tr>
<td>The player does not respond to the remote control</td>
<td>– Check that the cables is connected to the correct device (See Connecting to a TV)</td>
</tr>
<tr>
<td>Buttons do not work or player stops responding</td>
<td>– Ensure the disc label is facing up.</td>
</tr>
<tr>
<td>Player does not respond to some operating commands during playback.</td>
<td>– Check if the disc is defective by trying another disc.</td>
</tr>
<tr>
<td>DVD Video player cannot read CDs/DVDs</td>
<td>– Reset the unit by switching the player off, then on again.</td>
</tr>
</tbody>
</table>

If you are unable to remedy a problem by following these hints, consult your dealer or service centre.