1 Control elements and functional components

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1. Main unit controls
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3. Front of player
4. Bottom of the player
5. Right of player
6. Remote Control

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11 Front of player (see figure 1)

12 POWER

13 Front of player (see figure 1)

14 FRONT-POWER

15 Car mounting screw hole

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11 OPEN

12 POWER

13 Front of player (see figure 1)

14 Reset

15 Car mounting screw hole

1.3 Front of player (see figure 1)

16 Remote Control (see figure 2)

1.4 Bottom of the player (see figure 1)

17 AV OUT

18 AV IN

20 SD/MMC card

21 S Video

22 COAXIAL

23 DC IN 9V

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1.13 Troubleshooting
2.4 Playable disc formats

In addition to DVD-Video DVD, this disc will also be able to play all Video CDs, CDs, CDR, CRW, DVD±R and DVR±RW.

2.4.1 DVD-Video

Depending on the material on the disc (a movie, video clips, a drama series, etc.) these discs may have one or more Titles, and each Title may have one or more Chapters. To make access easy and convenient, your player lets you move between Titles, and also between Chapters.

2.4.2 Video CD

Depending on the material on the disc (a movie, video clips, a drama series, etc.) these discs may have one or more Tracks, and tracks may have one or more indexes, as indicated on the disc case. To make access easy and convenient, your player lets you move between tracks and indexes.

2.4.3 Audio CD / MP3 CD / WMA CD

Audio CDs / MP3 / WMA CD contain music tracks only. You can play them in the conventional way through a stereo system using the keys on the remote control and/or main unit, or via the TV using the On Screen Display (OSD).

2.4.4 CD with JPEG files

You can also view JPEG still photos on this player.

2.4.5 DivX video discs

DivX is a popular media technology created by DivX, Inc. DivX media files contain highly compressed video with high visual quality that maintains a relatively small file size. DivX files can also include advanced media features like menus, subtitles, and alternate audio tracks. Many DivX media files are available for download online, and you can create your own using your personal content and easy-to-use tools from DivX.com.

2.4.6 About SD Memory Card

SD Memory Card is a slim and compact bridge media linking various kinds of digital equipment through its easy connectivity. The card’s control circuitry allows data to be read and written (in its protection area) only when appropriate external devices are detected. Using decoder software, an SD Memory Card-compatible device can play music, video clips and more without a drive mechanism like those in CD and DVD players.

2.5 Zero Bright Dot™

Enjoy highest-quality images that are free from annoying blank spots on the LCD screen. LCD displays commonly have imperfections, termed as ‘bright dots’ by the LCD industry. A limited number of bright dots were once considered an inevitable side effect of LCD mass production. With Philips’ strict quality control procedures used in our Portable DVD Players, our LCD displays are produced with zero tolerance for bright dots. Select Portable DVD Players come with Philips Zero Bright Dot™ Policy to guarantee optimal screen quality.

Warranty service varies from region to region. Contact your local Philips representative for more detailed information.

2.6 Compatibility of the USB connection on this portable DVD player:

This portable DVD player supports most USB Mass storage devices (MSD) that are compliant to the USB MSD standards.

— Most common Mass storage class devices are flash drives, memory sticks, jump drives and etc.

— If you see a “Disc Drive” show up on your computer after you plugged the mass storage device into your computer, most likely it is MSD compliant and it will work with this portable DVD player.

If your Mass storage device required a battery / power source. Please make sure you have a fresh battery in it or charge the USB device first and then plug it into the portable DVD player again.

2.6.1 Music:

- This device only supports unprotected music with the following file extension: .mp3, .wma (vary with model)

- Music bought from on-line music stores are not supported because they are secured by Digital Rights Management protection (DRM).

2.6.2 Picture:

- This device only support picture file with the following file extension: .jpeg, .jpg

2.6.3 Video (vary with models):

- This device support DivX video files. The following file extension is: .dix, .divx

No Direct connection can be made from computer USB port to the portable DVD player even you have either or both mp3 or wma files in your computer.

3 General information

Power Sources

This unit operates on a supplied AC adaptor, car adaptor, or a rechargeable battery pack.

- Make sure that the input voltage of the AC adaptor is in line with the local voltage.

- Otherwise, the AC adaptor and unit may be damaged.

- Do not touch the AC adaptor with wet hands to prevent electric shock.

- When connecting with car power (cigarette lighter) adaptor, be sure the input voltage of the adaptor is identical with car voltage.

- Unplug the AC adaptor from the outlet or remove the battery pack when the unit is not used for long periods of time.

- Hold the plug to disconnect the AC adaptor. Do not pull the power cord.

Safety and maintenance

- Do not disassemble the unit for laser rays are dangerous to eyes.

- Any service should be done by qualified service personnel.

- Unplug the AC adaptor to cut the power if liquid or objects get inside the unit.

- Take care not to drop the unit or subject it to strong shocks, which may cause malfunction.

Hearing Safety

Listen at a moderate volume.

- Using headphones at a high volume can impair your hearing. This product can produce sounds in decibel ranges that may cause hearing loss for a normal person, even for exposure less than a minute. The higher decibel ranges are offered for those that may have already experienced some hearing loss.

- Sound can be deceiving. Over time your hearing “comfort level” adapts to higher volumes of sound. So after prolonged listening, what sounds “normal” can actually be loud and harmful to your hearing. To guard against this, set your volume to a safe level before your hearing adapts and leave it there.

To establish a safe volume level:

- Set your volume control at a low setting.

- Slowly increase the sound until you can hear it comfortably and clearly, without distortion.

Listen for reasonable periods of time:

- Prolonged exposure to sound, even at normally “safe” levels, can also cause hearing loss.

- Be sure to use your equipment reasonably and take appropriate breaks.

- Be sure to observe the following guidelines when using your headphones:

- Listen at reasonable volumes for reasonable periods of time.

- Be careful not to adjust the volume as your hearing adapts.

- Do not turn up the volume so high that you can’t hear what’s around you.

- You should use caution or temporarily discontinue use in potentially hazardous situations.

- Do not use headphones while operating a motorized vehicle, cycling, skateboarding, etc.; it may create a traffic hazard and is illegal in many areas.

- Important (for models with by-patched headphones): Philips guarantees compliance with the maximum sound power of its audio players as determined by relevant regulatory bodies only with the original model of provided headphones. In case this one needs replacement, we recommend that you contact your retailer, to order a model identical to that of the original provided by Philips.

- Traffic safety: do not use while driving or cycling as you may cause an accident.

- Do not expose to excessive heat caused by heating equipment or direct sunlight.

- This product is not waterproof: do not allow your player to be submersed in water.

- Water entering the player may cause major damage.

- Do not use any cleaning agents containing alcohol, ammonia, benzene, or abrasives as these may harm the player.

- Apparatus shall not be exposed to dripping or splashing. Do not place any sources of danger on the apparatus (e.g. liquid filled objects/lighted candles)

- Do not touch the lens!

When the player is in use for a long period of time, the surface will be heated. This is normal.

Handling discs

- Do not attach paper or tape to the disc.

- Keep the disc away from direct sunlight or heat sources.

- Store the disc in a disc case after playback.

- To clean, wipe the disc outwards from the center with a soft, lint-free clean cloth.

On handling the LCD screen

The LCD is manufactured using high precise technology. You may, however, see tiny black points that continuously appear on the LCD. This is a normal result of the manufacturing process and does not indicate a malfunction.

Environmental information

We have reduced the packaging to its minimum and made it easy to separate into mono materials: cardboard, PS, PE and PET. Your set consists of materials which can be recycled if disassembled by a specialized company. Please observe the local regulations to dispose of packaging, exhausted batteries and old equipment.

Copyright information

“DivX, DivX” Certified, and associated logos are trademarks of DivX, Inc. and are used under license.

All other brand and product names are trademarks of their respective companies or organizations.

Unauthorized duplication of any recordings downloaded from the internet or made from CD / VCD / DVDs is a violation of copyright laws and international treaties. The Windows Media and the Windows logo are registered trademarks of Microsoft Corporation in the United States and/or other countries.

4 Charging the units

4.1 Charge the DVD player

Plug in the AC/DC adaptor

The RED LED indicates that charging is in progress. When the set is not in use, it will take about 4 hours to fully charge it. However, when in use, it will take more than 8 hours to fully charge it.

The RED LED will turn off when the set is fully charged. When the low battery icon appears on the screen, please charge the player.

* Rechargeable batteries have a limited number of charge cycles and may eventually need to be replaced. Battery life and number of charge cycles vary by use and settings.
4.2 Powering your remote control

1. Open the battery compartment. Remove the protective plastic tab (first time users only).
2. Insert 1 x lithium 3V battery, type CR2025, then close the compartment.

CAUTION
- Batteries contain chemical substances, so they should be disposed of properly.
- Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.
- Incorrect use of batteries can cause electrolyte leakage and will corrode the compartment or cause the batteries to burst.
- Remove the batteries if the set is not to be used for a long time.
- Perchlorate Material – special handling may apply. See www.dtsc.ca.gov/hazardouswaste/perchlorate.

5 Start up

5.1 Setup

1. Press SETUP. A list of features is shown.

2. Use ▲ /▼ to highlight your selection.
3. Use << or >> to enter a sub-menu
4. Use the navigation keys to highlight your desired setting and press OK to confirm.

5. The SETUP menu includes:

   General
   - Language: Set On Screen Display (OSD) languages
   - PBC settings: Set Playback Control function ON/OFF. This feature is available for Super VCD.

   Power save
   - Set Power Saving mode ON/OFF

   DivX (VOD)
   - Get the DivX (Video-On-Demand) code

   Parental
   - Set parental options

   Set password
   - Change password (default: 9999)

   Factory settings
   - Restore factory settings

   Video
   - TV Display: Set screen display aspect ratio
   - TV standard: Set video output format to TV system
   - Mpeg 4 subtitle: Select subtitle language for Mpeg 4 video, e.g. DivX video

   Audio
   - Dolby: Set Dolby output
   - Digital (S/PDIF): Set digital output format

5.2 Playback DVD

1. Briefly press POWER on the main control of the player to switch on the set.
2. Open the disc door and insert the disc.
3. The player will start to play the disc automatically.
4. Use the navigation keys to highlight your desired setting and press OK to confirm.

5. The following functions are available during playback:

   - Pause: Press ◄ to pause playback. You can resume playback by pressing ◄ again
   - Previous/Next: Briefly press << or >> once or several times to select your desired chapters
   - Fast backward / Fast forward: Keep pressing << or >> will search in fast speed, 2X, 4X, 6X or 8X. Then, press ◄ to resume normal playback
   - Volume Control: Press ▲ or ▼ briefly or repeatedly to increase or decrease the sound volume
   - Stop: Briefly press ◄ on the right side of the player to stop playback
   - Subtitle: Change subtitle display. The function is available by pressing either the SUBTITLE or OPTIONS key
   - Language: Change language. The function is available by pressing either the AUDIO or OPTIONS key
   - Angle: Change the viewing angle provided in the DVD disc. The function is available by pressing the OPTIONS key.
   - Zoom: Zoom in the screen, and then use the navigation keys to pan the screen. The function is available by pressing either the ZOOM or OPTIONS key
   - A-B Repeat: Set repeat loop playback. Press A-B to set the starting point and press A-B again to set the ending point. Then, the player will repeat the loop playback. Press A-B to cancel the loop playback.

5.3 Playback VCD

1. Briefly press POWER on the main control of the player to switch on the set.
2. Open the disc door and insert the disc.
3. The set will start to play the disc automatically.

4. The following functions are available during playback:

   - Pause: Press ◄ to pause playback. You can resume playback by pressing ◄ again
   - Previous/Next: Briefly press << or >> once or several times to select your desired track
   - Fast backward / Fast forward: Keep pressing << or >> will search in fast speed, 2X, 4X, 6X or 8X. Then, press ◄ to resume normal playback
   - Volume Control: Press ▲ or ▼ briefly or repeatedly to increase or decrease the sound volume
   - Stop: Briefly press ◄ on the right side of the player to stop playback
   - Audio: Some VCDs only contain 2 languages for selection. You can change the language using this function. The function is available by pressing either the AUDIO or OPTIONS key
   - Zoom: Zoom in the screen, and then use the navigation keys to pan the screen. The function is available by pressing either the ZOOM or OPTIONS key
   - A-B Repeat: Set repeat loop playback. Press A-B to set the starting point and press A-B again to set the ending point. Then, the player will repeat the loop playback. Press A-B to cancel the loop playback.

5.4 Playback Super (S)-VCD

(Super) Video CDs may feature PBC (Playback Control). This allows you to play the video CDs interactively, following the menu on the display.

1. Briefly press POWER on the main control of the player to switch on the set.
2. Insert the (S)VCD into the disc slot on the right side of the player. If PBC is on, the disc index menu will appear on the screen.
3. Use numeric keypad 0-9 to input your selection or select a play option.
4. Press RETURN on the remote control to return to the previous menu.
5. To turn Playback Control mode on/off, please go to SETUP and select PBC settings.

5.5 Playback Music CD

1. Briefly press POWER on the main control of the player to switch on the set.
2. Open the disc door and insert the disc.
3. The set will start to play the disc automatically.

4. The following functions are available during playback:

   - Pause: Press ◄ to pause playback. You can resume playback by pressing ◄ again
   - Previous/Next: Briefly press << or >> once or several times to select your desired track
   - Fast backward / Fast forward: Keep pressing << or >> will enter the fast search mode. Then, press ◄ will change the searching speed to 2X, 4X, 6X, 8X, 16x or 32x.
   - Volume Control: Press ▲ or ▼ briefly or repeatedly to increase or decrease the sound volume
   - Repeat: Press OPTIONS key to select Repeat 1 track or Repeat all tracks
   - Shuffle: Press OPTIONS key to turn shuffle playback on or off
   - Stop: Briefly press ◄ on the right side of the player to stop playback.

5.6 Playback Music MP3/WMA-CD

1. Briefly press POWER on the main control of the player to switch on the set.
2. Open the disc door and insert the disc.
3. The set will start to play the disc automatically.
4. Use navigation keys to select the folder and MP3/WMA file to be played.

5.7 Playback Picture-CD

The player can only read pictures in JPEG format.

1. Briefly press POWER on the main control of the player to switch on the set.
2. Open the disc door and insert the disc.
3. The set will start to play the disc automatically.
4. Use navigation keys to select the folder and JPEG file to be played.

5. The following functions are available during playback:
   - **Pause** Press \( \text{Hi} \) to pause playback. You can resume playback by pressing \( \text{Hi} \) again.
   - **Previous/Next** Briefly press \( \text{<<} \) or \( \text{>>} \) once or several times to select your desired track.
   - **Rotate** Press OPTIONS key to select rotate mode. Then, use \( \text{◄} \) to rotate the picture clockwise. Use \( \text{►} \) to rotate the picture anti-clockwise. Press OPTIONS key to exit rotate mode.
   - **Zoom** Zoom in the screen, and then use the navigation keys to pan the screen. The function is available by pressing either the ZOOM or OPTIONS key.
   - **Stop** Briefly press \( \text{A} \) on the right side of the player to stop playback.

6. At the end of the playback, press \( \text{A} \) to eject the disc from the player.

5.8 Playback from USB
This USB port supports the playback of JPEG / MP3 / WMA / DivX / MPG-4 files.

6.2.4 USB
You can plug in the USB flash drive to view the stored pictures and video.
1. After plug in the USB flash drive, the DVD player will browse the content of your USB drive automatically.
2. See section 5.8 Playback from USB for playback details.
3. Unplug the USB drive after enjoyment. This will also deactivate the USB browser function.

6.2.6 SD/MMC card slot
You can play video/audio/picture files stored in an SD/MMC card by inserting it into the SD/MMC CARD slot.

7. Troubleshooting
If it appears that the DVD-Video player is faulty, first consult this checklist. It may be that something has been overlooked.

<table>
<thead>
<tr>
<th>Symptom</th>
<th>Remedy</th>
</tr>
</thead>
<tbody>
<tr>
<td>No power</td>
<td>• Check if both plugs of the mains cord are properly connected.</td>
</tr>
<tr>
<td></td>
<td>• Check if there is power at the AC outlet by plugging in another appliance.</td>
</tr>
<tr>
<td></td>
<td>• Check if battery pack is inserted appropriately.</td>
</tr>
<tr>
<td></td>
<td>• Check if car adaptor is connected appropriately.</td>
</tr>
<tr>
<td>Distorted picture</td>
<td>• Check the disc for fingerprints and clean with a soft cloth, wiping from centre to edge.</td>
</tr>
<tr>
<td></td>
<td>• Sometimes a small amount of picture distortion may appear.</td>
</tr>
<tr>
<td></td>
<td>• This is not a malfunction.</td>
</tr>
<tr>
<td>Completely distorted picture</td>
<td>The NTSC/PAL setting may be in the wrong status. Match your TV’s setting with the player’s setting.</td>
</tr>
<tr>
<td>Colour in the TV screen</td>
<td></td>
</tr>
<tr>
<td>No sound</td>
<td>Check audio connections. If using a HiFi amplifier, try another sound source.</td>
</tr>
<tr>
<td>Disc can’t be played</td>
<td>• Ensure the disc label is upwards.</td>
</tr>
<tr>
<td>The player does not</td>
<td>• Clean the disc.</td>
</tr>
<tr>
<td>respond to the remote control</td>
<td>• Check if the disc is defective by trying another disc.</td>
</tr>
<tr>
<td></td>
<td>Aim the remote control directly at the sensor on the front of the player. Avoid all obstacles that may interfere with the signal path. Inspect or replace the batteries.</td>
</tr>
</tbody>
</table>
### Technical data

<table>
<thead>
<tr>
<th>Dimension</th>
<th>27 x 19 x 3.8 cm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight</td>
<td>1.5 kg / 3.3 lb</td>
</tr>
<tr>
<td>Power supply</td>
<td>DC 9V 2.2A</td>
</tr>
<tr>
<td>Power Consumption</td>
<td>≤ 20W</td>
</tr>
<tr>
<td>Operating temperature range</td>
<td>0 - 50°C (32 - 122°F)</td>
</tr>
<tr>
<td>Laser wavelength</td>
<td>650nm</td>
</tr>
<tr>
<td>Video system</td>
<td>NTSC / PAL / AUTO</td>
</tr>
</tbody>
</table>

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**All rights reserved.**

### Copyright information

The making of unauthorized copies of copy-protected material, including computer programmes, files, broadcasts and sound recordings, may be an infringement of copyrights and constitute a criminal offence. This equipment should not be used for such purposes.

### Disposal of your old product

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

Please be informed about the local separate collection system for electrical and electronic products.

Please act according to your local rules and do not dispose of your old product with your normal household waste. The correct disposal of your old product will help prevent potential negative consequences to the environment and human health.

### Symptom and Remedy

<table>
<thead>
<tr>
<th>Symptom</th>
<th>Remedy</th>
</tr>
</thead>
<tbody>
<tr>
<td>Distorted or B/W picture with DVD</td>
<td>Use only discs formatted according to the TV-set used (PAL/NTSC).</td>
</tr>
<tr>
<td>No audio at digital output</td>
<td>Check the digital connections.</td>
</tr>
<tr>
<td>Player does not respond to all operations</td>
<td>Operations are not permitted by the disc.</td>
</tr>
<tr>
<td>Cannot detect USB plug-in</td>
<td>Unplug the USB connection and plug-in again. Detection may take some time that vary with the capacity of your USB device.</td>
</tr>
<tr>
<td>Cannot switch to AV-in or no signal</td>
<td>Unplug the AV-in connection and plug-in again. Check the connection from the AV output device, such as digital camera, video recorder, etc.</td>
</tr>
<tr>
<td>Switch between DVD/USB/AV-in</td>
<td>DVD mode is default source during the DVD player power on. Plug in USB will activate USB mode. Deactivate it by unplugging the connection. Plug in AV-in will activate AV-in mode. Deactivate it by unplugging the connection. Do not plug-in USB &amp; AV-in at the same time. Plug-in one type connection at a time only. Unplug the connection before you plug-in another connection.</td>
</tr>
<tr>
<td>Player feels warm</td>
<td>When the player is in use for a long period of time, the surface will be heated. This is normal.</td>
</tr>
<tr>
<td>Display goes dimmer when AC is unplugged</td>
<td>The unit is saving power to ensure longer playtime with battery. It is normal. Adjust the brightness in the SETUP menu.</td>
</tr>
<tr>
<td>Player feels warm</td>
<td>When the player is in use for a long period of time, the surface will be heated. This is normal.</td>
</tr>
</tbody>
</table>

This set complies with the radio interference requirements of the European Union.