

PHILIPS

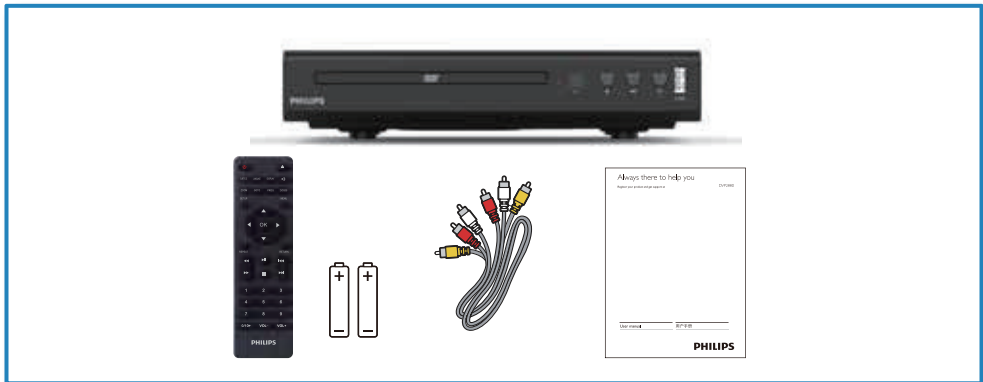
DVD Player

EP200

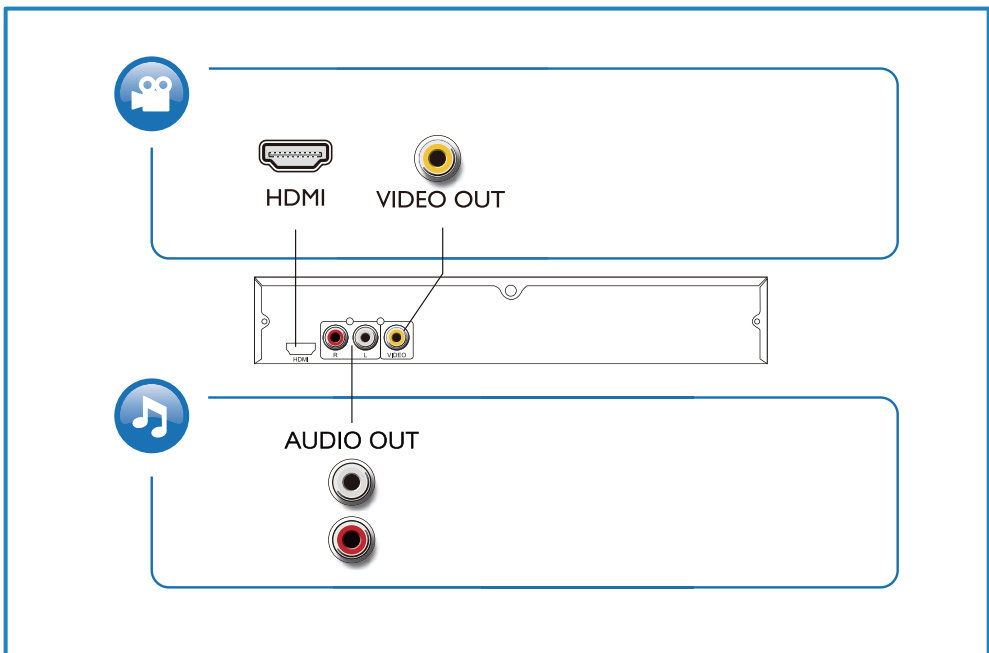
User manual



Register your product and get support at
www.philips.com/support



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HDMI



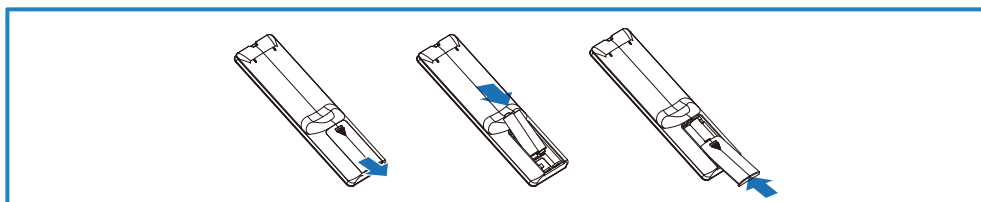
VIDEO OUT + AUDIO OUT



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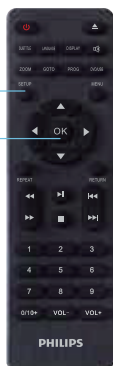
DVD
VCD
CD
MP3 / JPEG

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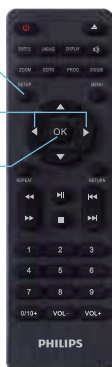
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2 Use your DVD player

Congratulations on your purchase, and welcome to Philips! To fully benefit from the support that Philips offers, register your product at www.philips.com/welcome.

Basic play control



During play, press the following buttons to control the player:

Button	Action
1	Turn on the player, or switch the player to standby
2 SUBTITLE	Select a subtitle language
3 LANGUAGE	When playing a DVD with more than one audio stream, press the language button to the needed language
4 ZOOM	Fit the picture display to the TV screen
5 GOTO	Skip to a title, chapter or a track
6 SETUP	Enter or exit the system setup menu
7	The cursor is up when adjusting the menu, when in Image format it has rotation function
8	The cursor is left when adjusting the menu, when in Image format it has rotation function
9	The cursor is down when adjusting the menu, when in Image format it has rotation function
10 REPEAT	Press this button to repeat a title, chapter, track or the whole disc
11	Press this button for quick rewind search
12	Press this button for quick forward search
13 0-9	0-9 key number
14 VOL-	Press this button to adjust the volume down
15	Press this button to open or close the disc compartment
16 DISPLAY	Press this button Can display screen information
17	Press this button to turn off the sound, press this button again to turn on the sound
18 PROG	If a disc contains 2 or more tracks, chapter or titles, set up the playing to your preference programming, press this button to enter the programming menu
19 DVD/USB	Press this button to access the media menu in which you can select Disc or USB
20 MENU	Press this button once to return to the main menu of the disc
21	The cursor is right when adjusting the menu, when in Image format it has rotation function
22 OK	Press this button to confirm chosen options

23 RETURN	Press this button to return to a previous display menu
24 ◀◀	Skip to the previous track, chapter or file
25 ▶▶	Skip to the next track, chapter or file
26 ▶	When playing a disc, press this button Start, pause or resume play
27 ■	Press this button to stop play
28 VOL+	Press this button to adjust the volume up

Control photo play

During a photo slideshow, use the remote control to control the play.

Button	Action
▲▼	Rotate a picture horizontally/vertically.
◀▶	Rotate a picture anti-clockwise/clockwise.
OK	Access to select [Photo preview]
Zoom	Zoom in or out of a photo. Play pauses in zoom mode.
OK	Start or resume a play.
■	Stop a play.

Repeat play

During play, press **REPEAT** repeatedly to select a repeat play option.

- Repeat the current title, chapter, track or the whole disc.
- Repeat all the contents on a disc or a USB storage device.
- To cancel repeat play, press **REPEAT** until **[Off]** is displayed.

Skip play

You can skip play to a specific title, chapter or track or time.

- 1 During play, press **GOTO**.
An input field bar is displayed, and "0" blinks. Once selected, press **OK** to play.
- 2 Press **0-9** number key to select a digit as a title, chapter, or track number.
- 3 After a digit is selected, press **◀ / ▶** to change a digit position.
- 4 If necessary, repeat step 2 and 3 to complete the input of a title, chapter, or track number.
- 5 Press **OK**.
The play skips to the selected title, chapter or track or time.

DivX videos

You can play DivX videos from a disc or a USB storage device.

DivX subtitles

- If subtitles are not displayed correctly, change the character set that supports DivX subtitles. Select a character set: press **SUBTITLE** Switch between subtitles until the desired character set are selected.

Character set	Languages
[Chinese]	Simplified Chinese

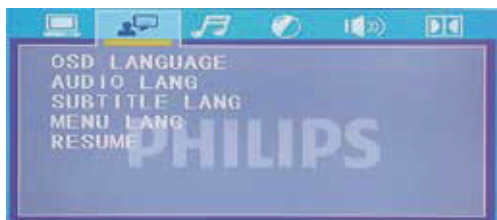
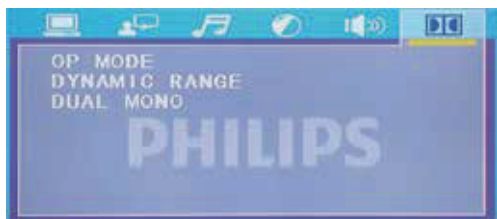
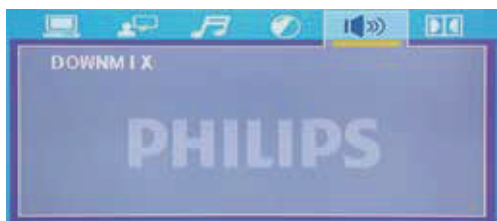
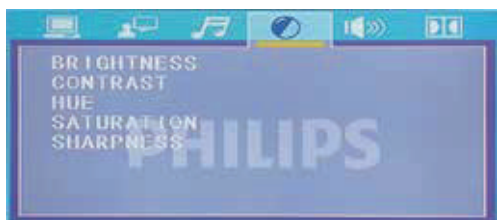
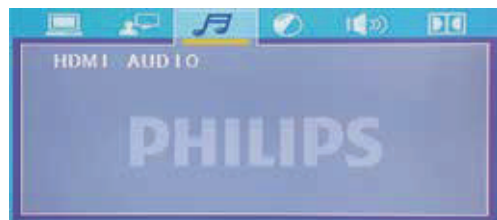


Note

- To use the subtitles, make sure that the subtitle file has the same name as the DivX video file name. For example, if the DivX video file is named "movie.avi", save the subtitle file as "movie.srt", or "movie.sub".
- This player can play subtitle files in the following formats: .srt, .sub, .ass, .smi and .ssa.

3 Change settings

This section helps you change the settings of this player.



 Note

- You cannot change a menu option that is grayed out.
- To return to the previous menu, press ◀/▶. To exit the menu, press **SETUP**.

General

- 1 Press **SETUP**.
- 2 Select **[Setup]** > **[General]** to access the general setup options.
 - **[TV System]**: Select a TV system that matches your TV. By default, this setting matches the common TVs in your country.
 - **[Screen saver]**: open or close screen protection.
 - **[Resolution]**: select a resolution for high-definition videos.
 - **[TV type]**: Adjust screen scale.
 - **[Password]**: Set or change a password to play a restricted disc. The default password is 1234.
 - **[Rating]**: If the disc has level information, you can use this option to control whether it can be played.
 - **[Default]**: Reset all settings to the factory default, except for the settings for **[Disc Lock]**, **[Parental Control]** and **[Password]**.

Languages Settings

- 1 Press **SETUP**.
- 2 Select **[Setup]** > **[Preference]** to access the preference setup options.
 - **[OSD language]**: Select the operation page language for video.
 - **[Audio lang]**: Select an audio language for video.
 - **[Subtitle lang]**: Select a subtitle language for video.
 - **[Menu lang]**: Select a menu language for a video disc.
 - **[Resume]**: Turn off the DVD and restart, you can return to the upper a playback page (some disc may not supported this feature).

Sound

- 1 Press **SETUP**.
- 2 Select **[Setup]** > **[Audio]** to access the audio setup options.
 - **[HDMI AUDIO]**: Set audio format for high-definition output.

Picture

- 1 Press **SETUP**.
- 2 Select **[Setup]** > **[Picture]** to access the video setup options.
 - Use **▲▼/◀▶/OK** to adjust the brightness, contrast, hue, saturation and sharpness of the picture to improve the quality.

Speaker Settings

- 1 Press **SETUP**.
- 2 Select **[Setup]** > **[Speaker]** to access the video setup options.
 - Adjust the audio output format.

Dolby digital Settings

- 1 Press **SETUP**.
- 2 Select **[Setup]** > **[Dolby digital]** to access the Dolby digital setup options.
 - **[OP Mode]**: Can adjust the line output and RF remod of dolby digital.
 - **[Dynamic range]**: When the compression mode is "line output", select this item to adjust the linear compression ratio and obtain the compression effect of different signals.
 - **[Dual mono]**: select an audio format for sound output.

Auto Standby

- Enable or disable auto standby. If enabled, this player switches automatically to standby after 30 minutes of inactivity (for example, in pause or stop mode).

4 Software update

Note

- Power supply must not be interrupted during software update.
- If the power supply is cut off, the machine can no longer be used.

To check for updates, compare the current software version of this player with the latest software version (if available) at the Philips website.

- 1.Download the software from website.
- 2.Name the software as DVDROM.BIN, and then copy it to USB.
- 3.Turn on the DVD player; In the case of no disc, Plug in the USB with copied software, and the machine will upgrade automatically.

5 Specifications

Note

- Specifications are subject to change without notice

Region code

This player can play discs with the following region code.

DVD region code	Countries
	EU

Playable media

- DVD, DVD-Video, VCD, SVCD, Audio CD
- DVD+R/-RW, DVD-R/-RW, DVD+R/-R DL (Dual Layer), CD-R/-RW (maximum 64 folders and 999 files)
- USB storage device

File format

- Video: avi, .divx(nonsupport DIVX3.11), .xvid
- Audio: .mp3, .wma
- Picture: .jpg, .jpeg

USB

- Compatibility: Hi-Speed USB (2.0)
- Class support: USB Mass Storage Class
- File system: FAT16, FAT32
- Maximum number of albums/folders: 64
- Maximum number of tracks/titles: 999
- USB port: 5V $\pm$, 500mA
- Support USB HDD (Hard Disc Drive): an external power source may be needed

Video

- Signal system: PAL, NTSC, AUTO
- Composite video output: 1 Vp-p (75 ohm)
- HDMI output: 480i, 480p, 576i, 576p, 720p, Auto

Audio

- 2-channel analog output
 - Audio Front L&R : 2 Vrms (47k Ohm)

- HDMI output
- Sampling frequency:
 - MP3: 22.05 kHz, 24 kHz, 32 kHz, 44.1 kHz 48 kHz
 - WMA: 44.1 kHz, 48 kHz
- Constant bit rate:
 - MP3: 16 kbps - 320 kbps
 - WMA: 16 kbps - 320 kbps

Main unit

- Dimensions (W x H x D):
22.5 x 4.3 x 19.6 (cm)
- Net Weight: 0.92 kg

Power

- Power supply rating: 100-240V~, 50/60Hz
- Power consumption: 15 W
- Power consumption in standby mode:
< 0.5W

Accessories supplied

- Remote control and one pair batteries
- AV cable
- QSG
- Warranty card
- Safety sheet

Laser specification

- Type: Semiconductor laser InGaAlP (DVD), AlGaAs (CD)
- Wave length: 658 nm (DVD), 790 nm (CD)
- Output Power: 7.0 mW (DVD), 10.0 mW (VCD/CD)
- Beam divergence: 60 degrees

6 Troubleshooting

To keep the warranty valid, never try to repair the player yourself.

If you have problems using this player, check the following points before you request service. If you still have a problem, register your player and get support at www.philips.com/support.

If you contact Philips, you will be asked for the model and serial number of this player. The model number and serial number are on the back of this player. Write the numbers here:

Model No. _____

Serial No. _____

No picture.

- The TV video input channel is not correctly selected (see the TV's user manual).
- If you have changed a TV system setting, switch back to the default setting

No picture on HDMI connection.

- If your TV does not switch to HDMI mode.
- If the HDMI cable is faulty, replace it with a new HDMI cable.
- If you have changed the setting for HDMI video resolution, switch to its default mode.

No sound output from the TV.

- Make sure that the audio cables are correctly connected between this player and the TV.

No sound during DivX video playback.

- The audio codes are not supported.

No sound on HDMI connection.

- If the connected device is non-HDCP compliant or only DVI-compatible, no sound can be heard from the HDMI output.
- Make sure that [HDMI Audio] is set to [On].

No audio output from the loudspeakers of the connected external audio device (for example, stereo system, amplifier receiver).

- Make sure that the audio cables or coaxial cable are correctly connected.
- Switch the external audio device to correct audio input source.

Disc cannot be read.

- Make sure that this player supports the disc (see "Specifications" > "Playable media").
- For a recorded disc, make sure that the disc is finalized.

A USB storage device cannot be read.

- Make sure that the format of the USB storage device is compatible with this player (see "Specifications" > "USB").
- Make sure that the file system on the USB storage device is supported by this player (see "Specifications" > "USB").

Files cannot be displayed or read.

- Make sure that this player supports these files (see "Specifications" > "File format").
- Make sure that the number of files or folders does not exceed the supported limit of this player (maximum 64 folders or 999 files).
- If a maximum number of folders exceeds 64, files in any folder which is outside the 64 folders cannot be read regardless of the total files stored on the media which are within the maximum number of files.

DivX video files cannot be played.

- Make sure that the DivX video file is complete.
- Make sure that the file extension is correct.

DivX subtitles do not display correctly.

- Make sure that the subtitle file has the same name as the DivX video file.

- Make sure that the subtitle file has an extension name supported by this player (.srt, .sub, .ass, .ssa or .smi).
- Select the character set that supports the subtitle (see "Use your DVD player" > "DivX videos").

7 Safety and important notice

Read and understand all instructions before you use this DVD player. If damage is caused by failure to follow the instructions, the warranty does not apply.

Safety

Risk of electric shock!

- Never remove the casing of the player.
- Never expose the product and accessories to rain or water. Never place liquid containers, such as vases, near the product. If liquids are split on or into the product, disconnect it from the power outlet immediately. Contact Philips Consumer Care to have the product checked before use.
- Never place the product and accessories near naked flames or other heat sources, including direct sunlight.
- Never insert objects into the ventilation slots or other openings on the product.
- Where the mains plug or an appliance coupler is used as the disconnect device, it shall remain readily operable.
- Batteries (battery pack or batteries installed) shall not be exposed to excessive heat such as sunshine, fire or the like.
- Disconnect the product from the power outlet before lightning storms.
- When you disconnect the power cord, always pull the plug, never the cable.

Risk of short circuit or fire!

- Before you connect the product to the power outlet, make sure that the power voltage matches the value printed on the back or bottom of the product.

- Avoid applying pressure on the power plugs. Loose power plugs can cause arcing or fire.

Risk of injury or damage to the product!

- To avoid exposure to laser radiation, do not disassemble.
- Do not touch the optical lens inside the disc compartment.
- Never place the product or any objects on power cords or on other electrical equipment.
- If the product is transported in temperatures below 5°C, unpack the product and wait until its temperature matches room temperature before connecting it to the power outlet.

Risk of overheating!

- Never install this product in a confined space. Always leave a space of at least four inches around the product for ventilation. Make sure that curtains or other objects never cover the ventilation slots on the product.

Risk of contamination!

- Remove the batteries if flat or if the remote control is not to be used for a long time.
- Batteries contain chemical substances. They should be disposed of properly.

Risk of swallowing batteries!

- The product/remote control may contain a coin type battery, which can be swallowed. Keep the battery out of reach of children at all times!
- Equipment for use in locations where children not likely to be present



Note

- For identification and supply ratings, see the type plate at the back or bottom of the product.
- Before you make or change any connections, make sure that all devices are disconnected from the power outlet.



Care for your product

- Do not insert any objects other than discs into the disc compartment.
- Do not insert warped or cracked discs into the disc compartment.
- Remove discs from the disc compartment if you are not using the product for an extended period of time.
- Only use microfiber cloth to clean the product.

Care of the environment



Your product is designed and manufactured with high quality materials and components, which can be recycled and reused. Never dispose of your product with other household waste. Please inform yourself about the local rules on the separate collection of electrical and electronic products and batteries. The correct disposal of these products helps prevent potentially negative consequences on the environment and human health. Your product contains batteries, which cannot be disposed of with normal household waste. Please inform yourself about the local rules on separate collection of batteries. The correct disposal of batteries helps prevent potentially negative consequences on the environment and human health. Please visit www.recycle.philips.com for additional information on a recycling center in your area.

Compliance



This is CLASS II apparatus with double insulation, and no protective earth provided.

Copyright



**Be responsible
Respect copyrights**

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