

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

DVP2320



ZH-CN	用户手册	3
EN	User manual	17

PHILIPS

部件名称 Name of the Parts	有毒有害物质或元素 Hazardous/Toxic Substance					
	铅 (Pb, Lead)	汞 (Hg, Mercury)	镉 (Cd, Cadmium)	六价铬 (Chromium 6+)	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
Housing 外壳	O	O	O	O	O	O
DVD loader DVD 光盒	X	O	O	O	O	O
PWBs 电路板组件	X	O	O	O	O	O
Accessories (Remote control & cables) 附件（遥控器， 电源线，连接线）	X	O	O	O	O	O
Batteries in Remote Control (ZnC) 遥控器电池	X	O	O	O	O	O

○：表示该有毒有害物质在该部件所有均质材料中的含量均在SJ/T11363 - 2006 标准规定的限量要求以下。
O: Indicates that this toxic or hazardous substance contained in all of the homogeneous materials for this part is below the limit requirement in SJ/T11363 – 2006.

×：表示该有毒有害物质至少在该部件的某一均质材料中的含量超出SJ/T11363 - 2006 标准规定的限量要求。
X: Indicates that this toxic or hazardous substance contained in at least one of the homogeneous materials used for this part is above the limit requirement in SJ/T11363 - 2006.



环保使用期限 Environmental Protection Use Period

此标识指期限（十年），电子信息产品中含有的有毒有害物质或元素在正常使用的条件下不会发生外泄或突变，用户使用该电子信息产品不会对环境造成严重污染或对其人身、财产造成严重损害的期限。

This logo refers to the period (10 years) during which the toxic or hazardous substances or elements contained in electronic information products will not leak or mutate so that the use of these [substances or elements] will not result in any severe environmental pollution, any bodily injury or damage to any assets.

电池标识 Battery labeling logo



环保使用期限 Environmental Protection Use Period

此标识指期限（五年），电池中含有的有毒有害物质或元素在正常使用的条件下不会发生外泄或突变，用户使用该电池产品不会对环境造成严重污染或对其人身、财产造成严重损害的期限。

This logo refers to the period (5 years) during which the toxic or hazardous substances or elements contained in the **battery** will not leak or mutate so that the use of these [substances or elements] will not result in any severe environmental pollution, any bodily injury or damage to any assets.

Contents

1	Important	18
	Safety and important notice	18
	Trademark notice	18
2	Your product	19
	Feature highlights	19
	Product overview	19
3	Connect	20
	Connect video cables	20
	Connect audio cables	21
	Route audio to other devices	21
	Connect USB flash drive	22
	Connect power	22
4	Get started	22
	Prepare the remote control	22
	Find the correct viewing channel	22
	Select menu display language	22
5	Play	23
	Play a disc	23
	Play video	23
	Play music	24
	Play photo	25
	Play RMVB/RM files	25
	Play from USB flash drive	25
6	Adjust settings	26
	General setup	26
	Audio setup	26
	Video setup	27
	Preferences	27

7	Additional information	28
	Update software	28
	Care	29
	Specifications	29
8	Troubleshooting	30
9	Glossary	31

1 Important

Safety and important notice



Warning

- Risk of overheating! Never install the product in a confined space. Always leave a space of at least 4 inches around the product for ventilation. Ensure curtains or other objects never cover the ventilation slots on the product.
- Never place the product, remote control or batteries near naked flames or other heat sources, including direct sunlight.
- Only use this product indoors. Keep this product away from water, moisture and liquid-filled objects.
- Never place this product on other electrical equipment.
- Keep away from this product during lightning storms.
- Where the mains plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.
- Visible and invisible laser radiation when open. Avoid exposure to beam.

Disposal of your old product and batteries

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



When this crossed-out wheeled bin symbol is attached to a product it means that the product is covered by the European Directive 2002/96/EC. Please inform yourself 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 products with your normal household waste.

Correct disposal of your old product helps to prevent potential negative consequences for the environment and human health.

Your product contains batteries covered by the European Directive 2006/66/EC, which cannot be disposed with normal household waste.



Please inform yourself about the local rules on separate collection of batteries because correct disposal helps to prevent negative consequences for the environmental and human health.

Copyright notice

This product incorporates copyright protection technology that is protected by



**Be responsible
Respect copyrights**

method claims of certain U.S. patents and other intellectual property rights owned by Macrovision Corporation and other rights owners. Use of this copyright protection technology must be authorised by Macrovision Corporation, and is intended for home and other limited viewing uses only unless otherwise authorised by Macrovision Corporation. Reverse engineering or disassembly is prohibited.

Trademark notice

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



Windows Media and the Windows logo are trademarks, or registered trademarks of Microsoft Corporation in the United States and/or other countries.



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



Plays DivX® video with menus, subtitles and audio tracks.

The USB-IF Logos are trademarks of Universal Serial Bus Implementers Forum, Inc.



The Real logos are trademarks or registered trademarks of RealNetworks, Inc.



2 Your product

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.

Feature highlights

Hi-speed USB link

Plug a USB flash drive to the USB jack to enjoy the MP3/WMA/JPEG/DivX/RMVB(RM) files.

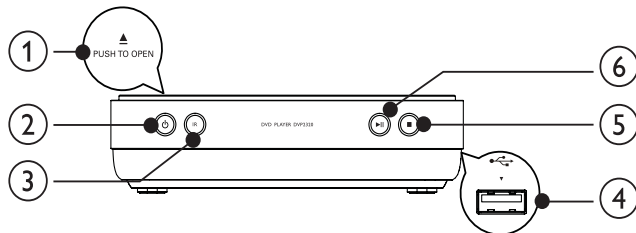
Region codes

You can play discs with the following region codes.

DVD region code	Countries
	China

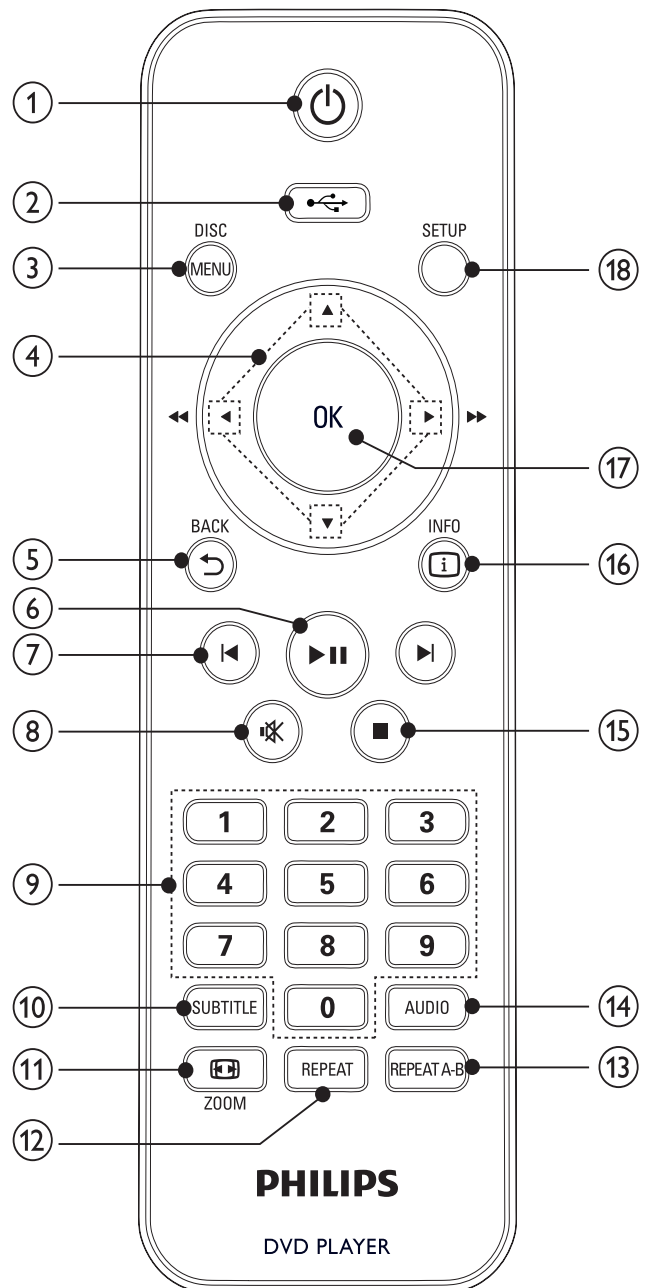
Product overview

Main unit











- ① **▲ PUSH TO OPEN**
 - Open the disc compartment.
- ② **⏻**
 - Turn on this product or switch to standby mode.
- ③ **IR sensor**
 - Point the remote control at the IR sensor.
- ④ **USB jack**
 - Connect a USB flash drive.
- ⑤ **■**
 - Stop play.
- ⑥ **▶||**
 - Start, pause or resume disc play.

Remote control



- ① **⏻**
 - Turn on this product or switch to standby mode.
- ② **USB icon**
 - Switch to the USB mode.
- ③ **DISC MENU**
 - Access or exit the disc menu.
 - Switch to the disc mode.
 - For VCD and SVCD, turn on or off PBC (playback control).

- ④ 
 - Navigate the menus.
 - Search fast-forward (▶) or fast-backward (◀).
 - Search slow-forward (▲) or slow-backward (▼).
- ⑤  **BACK**
 - Return to the previous display menu.
- ⑥ 
 - Start, pause or resume disc play.
- ⑦ 
 - Skip to the previous or next title, chapter, or track.
- ⑧ 
 - Mute volume.
- ⑨ **Numeric buttons**
 - Select an item to play.
- ⑩ **SUBTITLE**
 - Select a subtitle language on a disc.
- ⑪  **ZOOM**
 - Zoom the picture in or out.
- ⑫ **REPEAT**
 - Select various repeat play modes.
- ⑬ **REPEAT A-B**
 - Repeat play for a specific section.
- ⑭ **AUDIO**
 - Select an audio language or channel on a disc.
- ⑮ 
 - Stop play.
- ⑯  **INFO**
 - For discs, access the play options.
- ⑰ **OK**
 - Confirm an entry or selection.
- ⑱ **SETUP**
 - Access or exit the setup menu.

3 Connect

Make the following connections to use this product.

Basic connections:

- Video
- Audio

Optional connections:

- Route audio to other devices:
 - Digital amplifier/receiver
 - Analog stereo system
- USB flash drive



Note

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



Tip

- Different types of connectors may be used to connect this product to your TV, depending on availability and your needs. A comprehensive interactive guide to help you connect your product is available at www.connectivityguide.philips.com.

Connect video cables

Connect this product to TV to view disc play. Select the best video connection that TV can support.

- **Option 1:** Connect to the AV out jack (for a standard TV).
- **Option 2:** Connect to the the component video jacks (for a standard TV).

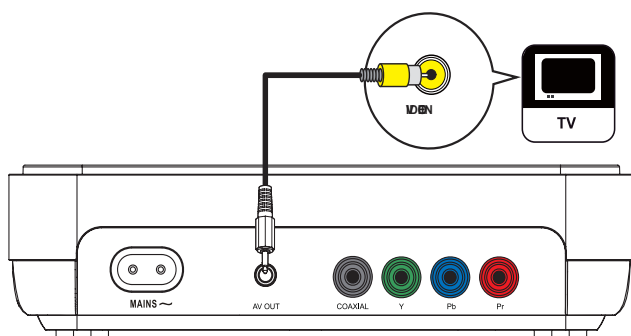


Note

- You must connect this product directly to a TV.

Option 1: Connect to the AV OUT jack

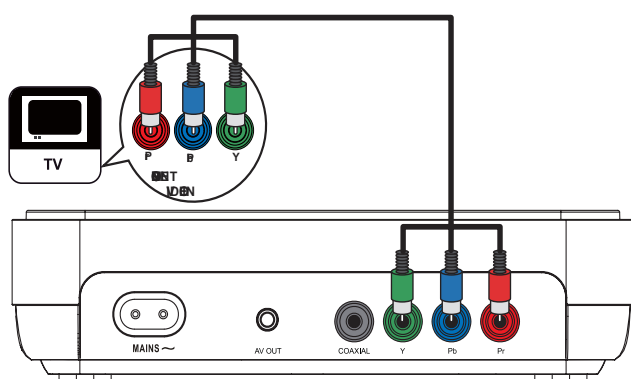
- 1 Connect the supplied AV cables to:
 - the **AV OUT** jack (3.5mm) on this product.
 - the video input jack on the TV.



Tip

- The video input jack on the TV may be labeled as A/V IN, VIDEO IN, COMPOSITE or BASEBAND.
- This type of connection provides standard picture quality.

Option 2: Connect to the component video jacks



- 1 Connect the component video cables (not supplied) to:
 - the **Y Pb Pr** jacks on this product.
 - the COMPONENT VIDEO input jacks on the TV.

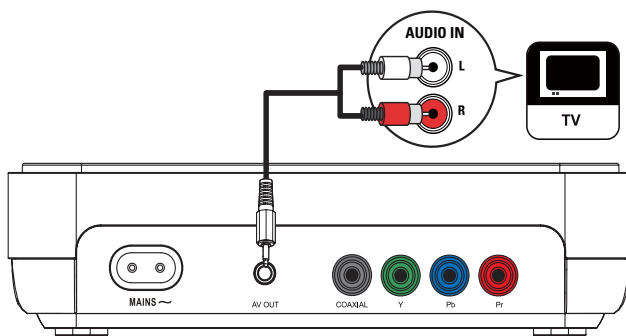


Tip

- The component video input jacks on the TV may be labeled as Y Pb/Cb Pr/Cr or YUV.
- This type of connection provides good picture quality.

Connect audio cables

Connect the audio from this product to the TV to allow sound output through the TV.

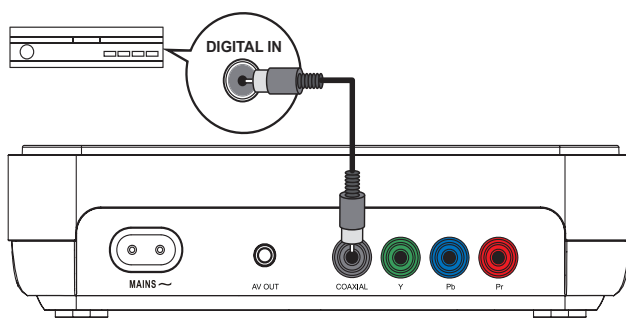


- 1 Connect the supplied AV cables to:
 - the **AV OUT** jack (3.5mm) on this product.
 - the audio input jacks on the TV.

Route audio to other devices

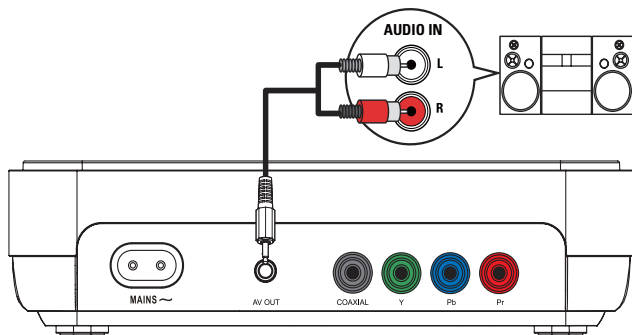
Route the audio from this product to other devices to enhance audio play.

Connect to digital amplifier/receiver



- 1 Connect a coaxial cable (not supplied) to:
 - the **COAXIAL** jack on this product.
 - the COAXIAL/DIGITAL input jack on the device.

Connect analogue stereo system



- 1 Connect the supplied AV cables to:
 - the **AV OUT** jack (3.5mm) on this product.
 - the audio input jacks on the device.

Connect USB flash drive

- 1 Connect a USB flash drive to the jack on this product.

Note

- This product can only play/view MP3, WMA, DivX, RMVB/RM or JPEG files that are stored on a USB flash drive.
- Press the button to access the content and play the files.

Connect power

! Caution

- Risk of product damage! Ensure that the power supply voltage corresponds to the voltage printed on the back of the unit.
- Before connecting the AC power cord, ensure you have completed all other connections.

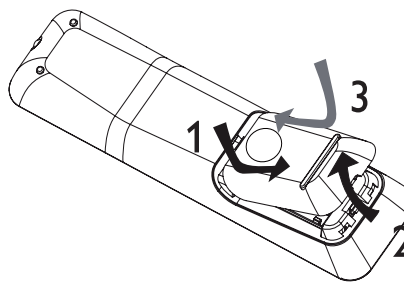
Note

- The type plate is located on the bottom of the product.

- 1 Connect the AC power cable:
 - to this product.
 - to the wall outlet.

4 Get started

Prepare the remote control



- 1 Open the battery compartment.
- 2 Insert 2 AAA batteries with correct polarity (+/-) as indicated.
- 3 Close the battery compartment.



Caution

- Remove batteries if they are exhausted or if the remote control is not to be used for a long time.
- Do not mix batteries (old and new or carbon and alkaline, etc.).
- Batteries contain chemical substances, so they should be disposed of properly.

Find the correct viewing channel

- 1 Press to turn on this product.
- 2 Turn on the TV and switch to the correct video-in channel (refer to the TV user manual on how to select the correct channel).

Select menu display language

General	Audio	Video	Prefer	Exit
-- General Setup Page --				
OSD Language	ENG	English		
Screen Saver	On	中文		
Resume	On			
Angle Mark	On			
Go To General Setup Page				

- The language options may vary from different regions.

- 1 Press **SETUP**.
→ **[General Setup Page]** menu is displayed.
- 2 Select **[OSD Language]**, then press **▶**.
- 3 Press **▲▼** to select a language, then press **OK**.

5 Play

Play a disc



Caution

- Do not place any objects other than discs into the disc compartment.
- Do not touch the disc optical lens inside the disc compartment.

- 1 Press **▲ PUSH TO OPEN** to open the disc compartment.
- 2 Load a disc with its label facing up.
- 3 Close the disc compartment and start disc play.
 - To view disc play, turn on the TV to the correct viewing channel for this product.
 - To stop disc play, press **■**.



Note

- Check the types of discs supported (see "Specifications" > "Play media").
- If the password entry menu is displayed, enter the password before you can play the locked or restricted disc (see "Adjust settings" > "Preferences" > **[Parental]**).
- If you pause or stop a disc, the screen saver appears after 5 minutes of inactivity. To deactivate the screen saver, press **DISC MENU**.
- After you pause or stop a disc and no button is pressed within 15 minutes, this product automatically switches to standby.

Play video



Note

- Some operations may not work with some discs. See the information accompanying the disc for details.

Control video play

- 1 Play a title.
- 2 Use the remote control to control the play.

Button	Action
▶ 	Start, pause or resume disc play.
■	Stop disc play.
◀, ▶	Skip to a previous/next title or chapter.

Button	Action
◀◀, ▶▶	Search fast-backward or fast-forward. Press repeatedly to change the search speed.
▲, ▼	Search slow-forward or slow-backward. Press repeatedly to change the search speed. For VCD/SVCD, slow-backward search is not available.
AUDIO	Select an audio language or channel available on a disc.
SUBTITLE	Select a subtitle language available on a disc.
REPEAT	Select or turn off repeat mode. Repeat options may vary from disc type.
🔍 ZOOM	Select different zoom factors. To pan through the zoomed image, press the Navigation buttons .
ℹ INFO	Access the play options.

Access DVD menu

- 1 Press **DISC MENU** to access the disc root menu.
- 2 Select a play option, then press **OK**.
 - In some menus, press the **Numeric buttons** to input your selection.

Access VCD menu

The PBC (playback control) feature is available for VCD/SVCD, which can display the contents menu for you to select a play option.

- 1 During play, press **DISC MENU** to turn on the PBC feature.
 - ↳ A contents menu is displayed.
 - If PBC is turned off, it skips the menu display and starts play from the first track.
- 2 Press the **Numeric buttons** to select a play option, then press **OK** to start play.

Skip play to a specific time

- 1 During play, press **i** **INFO**.
↳ The disc status menu is displayed.
- 2 Select an option for the current elapsed playing time, then press **▶**.
 - **[TT Time]** (title time)
 - **[CH Time]** (chapter time)
 - **[Disc Time]** (disc time)
 - **[Track Time]** (track time)
- 3 Press the **Numeric buttons** to enter the time to skip to, then press **OK**.

Display play time

- 1 During play, press **i** **INFO**.
↳ The disc status menu is displayed.
- 2 Select **[Time Disp.]**, then press **▶**.
↳ The display options vary from disc type.
- 3 Select an option, then press **OK**.

View DVD play from different angles

- 1 During play, press **i** **INFO**.
↳ The disc status menu is displayed.
- 2 Select **[Angle]**, then press **▶**.
- 3 Press the **Numeric buttons** to change the angle.
↳ Play changes to the selected angle.

Note

- Applicable only to discs contain multi-angle scenes.

Repeat play for a specific section

- 1 During play, press **REPEAT A-B** at the start point.
- 2 Press **REPEAT A-B** again to set the end point.
↳ Repeat play starts.
- 3 To cancel repeat play, press **REPEAT A-B** again.

Note

- The marked section for repeat play is only possible within a track/title.

Play DivX® video

DivX video is a digital media format that retains high quality despite a high rate of compression. You can enjoy DivX video on this DivX certified product.

- 1 Insert a disc or USB that contains the DivX videos.
 - For USB, press **↔**.
 - ↳ A contents menu is displayed.
- 2 Select a title to play, then press **OK**.
 - You may select subtitle/audio language.

Note

- You can only play DivX video that is rented or purchased with the DivX registration code of this product (see "Adjust Settings" > **[Preference Page]** > **[DivX(R) VOD]**).

Play music



Control a track

- 1 Play a track.
- 2 Use the remote control to control the play.

Button	Action
▶ 	Start, pause or resume disc play.
■	Stop disc play.
◀▶	Skip to a previous/next track.
1 2 3 4 5 6 7 8 9 0	Select an item to play.
◀◀▶▶	Search fast-backward or fast-forward. Press repeatedly to change the search speed.
REPEAT	Select or turn off repeat mode. Repeat options may vary from disc type.

Play MP3/WMA music

MP3/WMA is a type of highly compressed audio file (files with .mp3, .wma extensions).

- 1 Insert a disc or USB that contains the MP3/WMA music.
 - For USB, press .
 - ↳ A contents menu is displayed.
- 2 If play does not automatically start, select a track to play.
 - To select another track/folder, press , then press **OK**.




Note

- For disc recorded in multiple sessions, only the first session is played.
- For a WMA file that is protected by Digital Rights Management (DRM), it cannot be played on this product.
- This product does not support MP3PRO audio format.
- For any special character that is present in the MP3 track name (ID3) or album name, it might not be displayed correctly on the screen because these characters are not supported.
- Folders/files that exceed the supported limit of this product cannot be displayed or played.

Play photo

Play photo as slideshow

You can play JPEG photos (files with .jpeg or .jpg extensions).

- 1 Insert a disc or USB that contains the JPEG photos.
 - For USB, press .
 - ↳ Slideshow begins (for Kodak disc), or a contents menu (for JPEG disc) is displayed.
- 2 Select a photo, then press **OK** to start slideshow.







Note

- It may require longer time to display the disc content on the TV due to the large number of songs/photos compiled onto one disc/USB device.
- If the JPEG photo is not recorded with an 'exif' type file, the actual thumbnail picture cannot be shown on the screen. It is replaced by a 'blue mountain' thumbnail picture.
- This product can only display digital camera pictures according to the JPEG-EXIF format, typically used by almost all digital cameras. It cannot display Motion JPEG, or pictures in formats other than JPEG, or sound clips associated with pictures.
- Folders/files that exceed the supported limit of this product cannot be displayed or played.


Control photo play

- 1 Play a photo slideshow.
- 2 Use the remote control to control the play.

Button	Action
	Rotate a photo anti-clockwise/clockwise.
	Rotate a photo horizontally/vertically.
 ZOOM	Zoom in or out of a photo. Play pauses in zoom mode.
	Stop a play.

Play RMVB/RM files

This product supports play of RMVB/RM files which you can copy from your computer onto a recordable disc/USB flash drive. RMVB/RM files contain audio and video.

- 1 Insert a disc or USB that contains the RMVB/RM files.
 - For USB, press .
 - ↳ A contents menu is displayed.
- 2 Select a RMVB/RM file to play, then press **OK**.







Note

- The file extension must be "*.RMVB", "*.RMV" or "*.RM".
- No external subtitles are supported.

Play from USB flash drive

This product plays/views MP3, WMA, DivX, RMVB/RM or JPEG files that are stored on a USB flash drive.

- 1 Connect a USB flash drive to the  jack on this product.
- 2 Press the  button.
 - ↳ A contents menu is displayed.
- 3 If play does not start automatically, select a file to play.
 - For more information, see the chapters "Play music", "Play photo", "Play video" or "Play RMVB/RM for details."
- 4 To stop play, press .
 - To switch to the disc mode, press the  button.

6 Adjust settings

Note

- If the setup option is grayed out, it means the setting cannot be changed at the current state.

General setup

General	Audio	Video	Prefer	Exit
-- General Setup Page --				
OSD Language		ENG		
Screen Saver		On		
Resume		On		
Angle Mark		On		
Go To General Setup Page				

- 1 Press **SETUP**.
↳ **[General Setup Page]** menu is displayed.
- 2 Press **▼**.
- 3 Select an option, then press **OK**.
- 4 Select a setting, then press **OK**.
 - To return to the previous menu, press **◀**.
 - To exit the menu, press **SETUP**.

[OSD Language]

Select an on-screen menu language.

[Screen Saver]

Turn on or off screen saver.

[Resume]

Select whether to start play from the point where it was last stopped.

[Angle Mark]

Turn on or off angle mark display.

Audio setup

General	Audio	Video	Prefer	Exit
-- Audio Setup Page --				
Downmix		STR		
SPDIF Setup				
Go To Audio Setup Page				

- 1 Press **SETUP**.
↳ **[General Setup Page]** menu is displayed.
- 2 Press **▶** to select **[Audio Setup Page]**, then press **▼**.
- 3 Select an option, then press **OK**.
- 4 Select a setting, then press **OK**.
 - To return to the previous menu, press **◀**.
 - To exit the menu, press **SETUP**.

[Downmix]

This setting is only required if you have connected the audio output of this product to a stereo device or TV using the analog output jack.

- **[LT/RT]** - The connected device has a built-in Dolby Pro Logic decoder. It can deliver the surround sound through the two speakers.
- **[Stereo]** - The connected device can only output stereo audio through two speakers.

[SPDIF Setup]

This setting is only required if you have connected the audio output of this product to an amplifier/receiver using the digital output jack.

- **[SPDIF Output]** - Select a type of digital output.
 - **[SPDIF Off]** - Disable digital audio output. Select this if you are using the analog audio jacks to connect this product to a TV or Stereo system.
 - **[SPDIF /RAW]** - The connected device supports multichannel audio formats. The digital audio format will be output as on disc.
 - **[SPDIF /PCM]** - The connected device does not support multi-channel formats. All audio signals are downmixed to PCM format (2-channel).

- **[LPCM Output]**
 - **[48KHz]** - Select this to play disc recorded at sampling rate of 48 kHz.
 - **[96KHz]** - Enable 96 kHz output on digital audio if the amplifier/receiver is compatible with high sampling rate audio (88.2 / 96 kHz). However, if the sound output is distorted or there is no sound, change the setting to **[48KHz]**.

Note

- LPCM Output can only be selected when **[SPDIF /PCM]** is activated. The higher the sampling rate, the better the sound quality.

Video setup

General	Audio	Video	Prefer	Exit
-- Video Setup Page --				
Quality				
Screen Display		16:9		
System Type		PAL		
Go To Video Setup Page				

- 1 Press **SETUP**.
↳ **[General Setup Page]** menu is displayed.
- 2 Press **▶** to select **[Video Setup Page]**, then press **▼**.
- 3 Select an option, then press **OK**.
- 4 Select a setting, then press **OK**.
 - To return to the previous menu, press **◀**.
 - To exit the menu, press **SETUP**.

[Quality]

Select a predefined set of picture color settings or customize the personal setting.

- **[Sharpness]** - Select different picture sharpness.
- **[Brightness]** - Adjust screen brightness, then press **OK**.
- **[Contrast]** - Adjust screen contrast, then press **OK**.
- **[Hue]** - Adjust screen color, then press **OK**.

[Screen Display]

Select a display format:



4:3 Pan Scan (PS)



4:3 Letter Box (LB)



16:9 (Wide Screen)

- **[4:3 PS]** - For 4:3 screen TV: full-height display with the trimmed sides.
- **[4:3 LB]** - For 4:3 screen TV: wide-screen display with black bars on the top and bottom of the screen.
- **[16:9]** - For wide-screen TV: display ratio 16:9.

[System Type]

Change this setting if the video does not appear correctly. By default, this setting matches the most common setting for TVs in your country.

- **[PAL]** - For PAL-system TV.
- **[Multi]** - For TV that is compatible with both PAL and NTSC.
- **[NTSC]** - For NTSC-system TV.

Preferences

Note

- Stop disc play before you can access to **[Preferences Page]**.

General	Audio	Video	Prefer	Exit
-- Preference Page --				
Audio		CHI		
Subtitle		CHI		
DivX Subtitle		CHI		
Disc Menu		CHI		
Parental				
Password				
DivX(R) VOD				
Default				
Go To Preference Page				

- 1 Press **SETUP**.
↳ **[General Setup Page]** menu is displayed.
- 2 Press **▶** to select **[Preference Page]**, then press **▼**.
- 3 Select an option, then press **OK**.
- 4 Select a setting, then press **OK**.
 - To return to the previous menu, press **◀**.
 - To exit the menu, press **SETUP**.

[Audio]

Select an audio language for disc play.

[Subtitle]

Select a subtitle language for disc play.

[DivX Subtitle]

Select a character set that supports the DivX subtitle.

[Disc Menu]

Select a disc menu language.

Note

- If the language you have set is not available on the disc, the disc uses its own default language.
- For some DVDs, the subtitle/audio language can only change from the disc menu.

[Parental]

Restrict access to discs that are unsuitable for children. These types of discs must be recorded with ratings.

1. Press **OK**.
2. Select a rating level, then press **OK**.
3. Press the **numeric buttons** to enter the password.

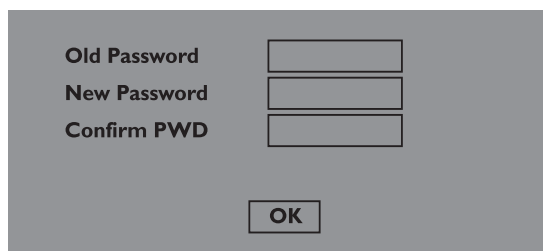
Note

- Rated DVDs above the level you set in **[Parental control]** require a password to be played.
- The ratings are country-dependent. To allow all discs to play, select '8'.
- Some discs have ratings printed on them but are not recorded with ratings. This function has no effect on such discs.

[Password]

Set or change the password for locked discs and play restricted DVDs.

General	Audio	Video	Prefer	Exit
---------	-------	-------	--------	------



1. Press the **Numeric buttons** to enter '3308' or the last set password at **[Old Password]** field.
2. Enter the new password at **[New Password]** field.
3. Enter the new password again at **[Confirm PWD]** field.
4. Press **OK** to exit the menu.

Note

- If you forget the password, enter '3308' before you set a new password.

[DivX(R) VOD]

Display the DivX® registration code.

Tip

- Use this product's DivX registration code when you rent or purchase video from www.divx.com/vod. The DivX videos rented or purchased through the DivX® VOD (Video On Demand) service can be played only on the device to which it is registered.

[Default]

Reset all the settings of this product to factory default, except for **[Parental control]** and **[Password]** settings.

7 Additional information

Update software

For software updates, check the current software version of this product to compare with the latest software (if available) at the Philips website.

Caution

- Power supply must not be interrupted during software upgrade.

- 1 Press **SETUP**.
↳ **[General Setup Page]** menu is displayed.
- 2 Press the **Numeric buttons** to enter '3308'.
↳ The message about this product is displayed.
- 3 Write down the software version and the model number, then press **SETUP** to exit the menu.

- 4 Visit www.philips.com/support to check for the latest software version.
- 5 Refer to the upgrade instructions on the website for more information.



Note

- Disconnect the power cord for a few seconds and connect again to turn on the product.

Care



Caution

- Never use solvents such as benzene, thinner, cleaners available commercially, or anti-static sprays intended for discs.

Clean discs

Wipe the disc with a micro fibre cleaning cloth from the centre to the edge in a straight line movement.

Specifications



Note

- Specification and design are subject to change without notice

Accessories supplied

- Remote control and batteries
- Power cord
- Audio/Video cables
- User manual

Play media

- DVD-Video, Video CD/SVCD, Audio CD, CD-R/CD-RW, DVD+R/+RW, DVD-R/-RW, DivX-CD, Picture CD, MP3-CD, WMA-CD, USB flash drive

USB

- Compatibility: Hi-Speed USB (2.0)
- Class support: UMS (USB Mass Storage Class)

TV standard

- Number of lines:
 - 625 (PAL/50Hz); 525 (NTSC/60Hz)
 - Play: Multi-standard (PAL/NTSC)

Video performance

- Video DAC: 12 bits, 108 MHz
- Y Pb Pr: 0.7 Vpp ~ 75 ohm
- Video output: 1 Vpp ~ 75 ohm

Video format

- Digital compression:
 - MPEG 2: DVD/SVCD
 - MPEG 1: VCD/DivX
- Horizontal resolution:
 - DVD: 720 pixels (50 Hz);
720 pixels (60 Hz)
 - VCD: 352 pixels (50 Hz);
352 pixels (60 Hz)
- Vertical resolution:
 - DVD: 576 pixels (50 Hz);
480 pixels (60 Hz)
 - VCD: 288 lines (50 Hz); 240 lines (60 Hz)

Audio performance

- DA converter: 24 bits, 192 kHz
- Frequency response:
 - DVD: 4 Hz - 22 kHz (48 kHz);
4 Hz - 44 kHz (96 kHz)
 - SVCD: 4 Hz - 20 kHz (44.1 kHz);
4 Hz - 22 kHz (48 kHz)
 - CD/VCD: 4 Hz - 20 kHz (44.1 kHz)
- Signal-Noise (1 kHz): > 90 dB (A-weighted)
- Dynamic range (1 kHz): > 80 dB (A-weighted)
- Crosstalk (1 kHz): > 70 dB
- Distortion/noise (1 kHz): > 65 dB
- MPEG MP3: MPEG Audio L3

Audio format

- Digital:
 - MPEG/AC-3/PCM: Compressed digital (16, 20, 24 bits fs, 44.1, 48, 96 kHz)
 - MP3 (ISO 9660): 96, 112, 128, 256 kbps & variable bit rate fs, 32, 44.1, 48 kHz
- Analog sound stereo
- Dolby surround compatible downmix from Dolby Digital multi-channel sound

Connections

- Y/Pb/Pr output: Cinch 3x
- Video output: Cinch (yellow)
- Audio output (L+R): Cinch (white/red)
- Digital output:
 - 1 coaxial: IEC60958 for CDDA/LPCM; IEC61937 for MPEG 1/2, Dolby Digital

Main unit

- Dimensions (w x h x d): 179 x 49 x 179 (mm)
- Net Weight: approximately 0.5 kg

Power

- Power supply rating: 110V - 240V; 50/60Hz
- Power consumption: <10 W
- Power consumption in standby mode: <1 W

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

8 Troubleshooting



Warning

- Risk of electric shock. Never remove the casing of the product.

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

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

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

Model No. _____

Serial No. _____

Main unit

The buttons on this unit do not work.

- Disconnect this product from the power outlet for a few minutes, then connect again.

No reaction to the remote control.

- Connect this product to the power outlet.
- Point the remote control at the IR sensor located on the front panel of this product.
- Insert the batteries correctly.
- Insert new batteries in the remote control.

Picture

No picture.

- See the TV's user manual on how to select the correct input on the TV. Change the TV channel until you see the Philips screen.

Sound

No audio output from the TV.

- Ensure that the audio cables are connected to the audio input of the TV.
- Assign the audio input of the TV to the corresponding video input. See the TV user manual for details.

No audio output from the loudspeakers of the audio device (stereo system/amplifier/receiver).

- Ensure that the audio cables are connected to the audio input of the audio device.
- Turn on the audio device to its correct audio input source.

No sound during DivX video playback

- The audio codec may not be supported by this product.

Play

DivX video files cannot be played.

- Ensure that the DivX video file is complete.
- Ensure that the file name extension is correct.

The aspect ratio of the screen is not aligned with the TV display setting.

- The aspect ratio is fixed on the disc.

DivX subtitles are not displayed correctly.

- Ensure that the subtitle file name is the same as the movie file name.
- Select the correct character set.
 - Press **SETUP**.
 - Select **[Preferences Page] > [DivX Subtitle]** in the menu.
 - Select the character set that supports the subtitle.

The contents of the USB flash drive cannot be read.

- The USB flash drive format is not compatible with the digital receiver.
- The drive is formatted with a file system which is not supported by this unit (e.g. NTFS).

9 Glossary

A

Aspect ratio

Aspect ratio refers to the length to height ratio of TV screens. The ratio of a standard TV is 4:3, while the ratio of a high-definition or wide TV is 16:9. The letter box allows you to enjoy a picture with a wider perspective on a standard 4:3 screen.

D

DivX Video-On-Demand

This DivX Certified® device must be registered in order to play DivX Video-on-Demand (VOD) content. To generate the registration code, locate the DivX VOD section in your device setup menu. Go to vod.divx.com with this code to complete the registration process and learn more about DivX video.

J

JPEG

A very common digital still picture format. A still-picture data compression system proposed by the Joint Photographic Expert Group, which features small decrease in image quality in spite of its high compression ratio. Files are recognized by their file extension '.jpg' or '.jpeg.'

M

MP3

A file format with a sound data compression system. MP3 is the abbreviation of Motion Picture Experts Group 1 (or MPEG-1) Audio Layer 3. With the MP3 format, one CD-R or CD-RW can contain about 10 times more data than a regular CD.

P

PBC

Playback Control. A system where you navigate through a Video CD/Super VCD with on-screen menus that are recorded onto the disc. You can enjoy interactive playback and search.

R

RM

RealMedia File. RealMedia is a multimedia container format created by RealNetworks. It is typically used in conjunction with RealVideo and RealAudio and is popular for streaming content over the internet. Files using this format have the file extension 'RM'.

RMVB

Real Media Variable Bitrate. RMVB is an abbreviation for Real Media variable bitrate. It is a type of video file, playable with RealPlayer from RealNetworks. RMVB is commonly used to contain Real Video 9 and RA (Real Audio). Files using this format have the file extension 'RMVB' or 'RMV'.

W

WMA

Windows Media™ Audio. Refers to an audio compression technology developed by Microsoft Corporation. WMA data can be encoded with Windows Media player version 9 or Windows Media player for Windows XP. Files are recognized by their file extension '.wma.'

