#### MCD909

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



EN User manual

ZH-CN 用户手册

# PHILIPS

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# English

# 1 Important

# Safety

### Know these safety symbols





This 'bolt of lightning' indicates uninsulated material within your unit may cause an electrical shock. For the safety of everyone in your household, please do not remove product covering.

The 'exclamation point' calls attention to features for which you should read the enclosed literature closely to prevent operating and maintenance problems. WARNING: To reduce the risk of fire or electric shock, this apparatus should not be exposed to rain or moisture and objects filled with liquids, such as vases, should not be placed on this apparatus.

CAUTION: To prevent electric shock, match wide blade of plug to wide slot, fully insert.

- 1 Read these instructions.
- (2) Keep these instructions.
- 3 Heed all warnings.
- 4 Follow all instructions.
- 5 Do not use this apparatus near water.
- 6 Clean only with dry cloth.

- ⑦ Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- (8) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- (10) Only use attachments/accessories specified by the manufacturer.
- Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.



- (2) Unplug this apparatus during lightning storms or when unused for long periods of time.
- (13) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
- Battery usage CAUTION To prevent battery leakage which may result in bodily injury, property damage, or damage to the apparatus:

- Install all batteries correctly, + and as marked on the apparatus.
- Do not mix batteries (old and new or carbon and alkaline, etc.).
- Remove batteries when the unit is not used for a long time.
- (15) The batteries shall not be exposed to excessive heat such as sunshine, fire or the like.
- Apparatus shall not be exposed to dripping or splashing.
- (17) Do not place any sources of danger on the apparatus (e.g. liquid filled objects, lighted candles).

Caution

 Use of controls or adjustments or performance of procedures other than herein may result in hazardous radiation exposure or other unsafe operation.

## Warning

• Where the MAINS plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.

## Warning

- Never remove the casing of this unit.
- Never lubricate any part of this unit.
- Place this unit on a flat, hard and stable surface.
- Never place this unit on other electrical equipment.
- Only use this unit indoors. Keep this unit away from water, moisture and liquid-filled objects.
- Keep this unit away from direct sunlight, naked flames or heat.
- Never look into the laser beam inside the unit.

## 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.

## Notice

Any changes or modifications made to this device that are not expressly approved by Philips Consumer Lifestyle may void the user's authority to operate the equipment.



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.

### Environmental information

All unnecessary packaging has been omitted. We have tried to make the packaging easy to separate into three materials: cardboard (box), polystyrene foam (buffer) and polyethylene (bags, protective foam sheet.) Your system consists of materials which can be recycled and reused if disassembled by a specialized company. Please observe the local regulations regarding the disposal of packaging materials, exhausted batteries and old equipment.

Be responsible Respect copyrights

The making of unauthorized copies of copy-protected material, including computer programs, 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.

# 

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Official DivX® Ultra Certified product.

Plays all versions of DivX<sup>®</sup> video (including DivX<sup>®</sup> 6) with enhanced playback of DivX<sup>®</sup> media files and the DivX<sup>®</sup> Media Format.



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

#### This apparatus includes this label:



• The type plate is located on the bottom of the apparatus.

# 2 Your DVD Micro Theater

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.

# Introduction

#### With this apparatus, you can:

- watch video from DVD/VCD/SVCD or USB devices
- enjoy audio from discs or USB devices
- view pictures from discs or USB devices
- Listen to FM radio
  You can enrich sound output with these sound effects:
- Dynamic Bass Boost (DBB)
- Bass/treble enhancement

# The apparatus supports these media/disc formats:



You can play DVD discs with the following region codes:

DVD region code



Countries China

## Premium Hi-Fi tubes

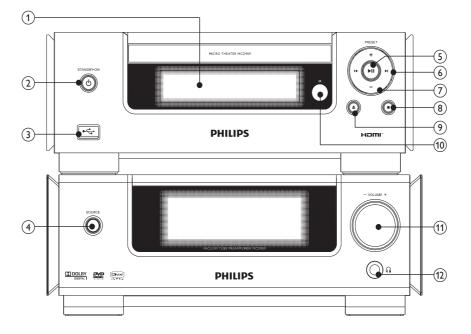
With built-in Hi-Fi tubes, you can now experience sound of the highest quality that is usually only associated with premium audiophile systems. The analog nature of the tubes provides a more pleasing sound to our non-linear hearing system. Sound from a tube has low distortion and is always preferred for its clean and detailed, warm and life-like audio quality.

# What's in the box

Check and identify the contents of your package:

- Main unit
- 2 speakers
- Remote control with batterries
- Composite video cable (yellow)
- Control cable
- Power cord
- FM wire antenna
- User manual
- Quick start guide
- Speaker wires

Overview of the main unit



- 1 Display panel
  - Display current status.

#### (2) STANDBY-ON<sup>⊕</sup>

- Turn on the apparatus; switch to standby mode.
- ③ ⊷
  - USB socket.
- (4) SOURCE
  - Select a source.
- (5) ▶Ⅱ
  - Start or pause play.
- (6) ◄/►
  - Skip to the previous/next track.
  - Skip to the previous/next title or chapter.
  - Tune to a radio station.

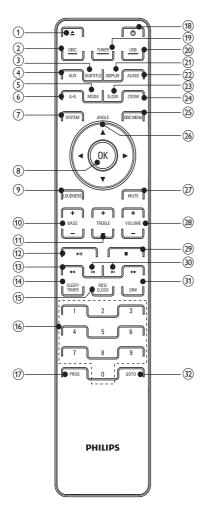
### 7 PRESET +/-

- Select a preset radio station.
- 8
  - Stop play.
  - Erase a program.
  - In demo mode, activate or deactivate demonstration.
- 9 🛓
  - Open or close the disc compartment.

### (10) Remote control sensor

- (1) VOLUME+/-
  - Adjust volume.
    - Adjust time.
- (12) ∩
  - Headphone socket.

# Overview of the remote control



## 1 🔺

• Open or close the disc compartment.

2 DISC

- Select disc source.
- 3 SUBTITLE
  - Select a subtitle language.

- (4) AUX
  - Select external audio device source.
- 5 MODE
  - Select repeat play modes.
  - Select shuffle play modes.
- 6 A-B
  - Repeat a specific section within a track/disc.
- 7 SYSTEM
  - Access or exit the system setup menu.
- 8 OK
  - Confirm a selection.
- 9 LOUDNESS
  - Turn on or off automatic loudness adjustment.
- (10) BASS +/-
  - Adjust bass level.
- (1) TREBLE +/-
  - Adjust treble level.
- 12 ► 11
  - Start or pause play.
- (13) ◀◀/▶▶
  - Search within a track.
  - Tune to a radio station.
- (14) SLEEP/TIMER
  - Set the sleep timer.
  - Set the alarm timer.
- (15) RDS/CLOCK (RDS function unavailable for this version)
  - Set the clock.
  - View the clock.
- (16) Numeric keypad
  - Select a title/chapter/track directly.
- 17 PROG
  - Program radio stations.
- **18** (b)
  - Turn on the apparatus; switch to standby mode.

### (19) TUNER

- Select tuner source. •
- (20) USB
  - ٠ Select USB device source.
- (21) DISPLAY
  - . Display play information on a connected TV.

## 22) AUDIO

- For VCD, select stereo, mix-mono, left or right channel.
- For DVD/DivX video, select an audio . language.
- (23) SLOW
  - . For video discs: select a slow play mode.

## (24) ZOOM

- Zoom in or out a picture/video image on the TV screen.
- (25)

## DISC MENU

- For video discs: access or exit the disc menu.
- For video discs with playback . control(PBC): turn on/off PBC.

### (26) ANGLE ▲/▼/◀/►

- For menus: navigate up/down/left/ right.
- Move an enlarged picture up/down/ . left/right.
- Rotate or invert pictures. ٠
- ٠ **ANGLE**: Select a DVD camera angle.

## (27) MUTE

Mute or restore volume.

## (28) VOLUME+/-

- Adjust volume.
- Adjust time.

### (29)

- Stop play.
- Erase a program.

## (30) ◄/►

- Skip to the previous/next track.
- Skip to the previous/next title or chapter.
- Select a preset radio station. •

## (31) DIM

Turn on/off the main set decoration • light.

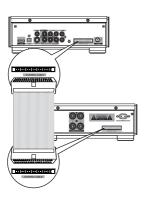
## (32) GOTO

During disc play, specify a position to • start play.

# 3 Connect

# Connect control cable

1 Connect the supplied control cable to the CONTROL CABLE jacks on the main unit.

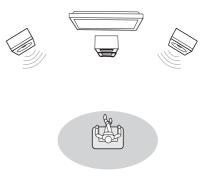


# Preparations

- 1 Place the apparatus near to the TV.
- 2 Place the front left and right speakers at equal distance from the TV and at an angle of approximately 45 degrees from the listening position.



• To avoid magnetic interference or unwanted noise, never place this apparatus and speakers too close to any radiation devices.



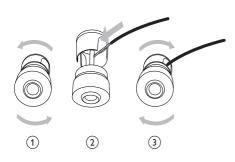
# Connect speakers

#### - Note

- Insert the stripped portion of each speaker wire into the socket completely.
- For optimal sound, use the supplied speakers only.
- Connect only speakers with impedance that is the same or higher than the supplied speakers.
- The **DEMO** jack is only applicable to the demo unit that is not inlcuded in the apparatus. Do not attempt to connect any other device to the apparatus through this jack.

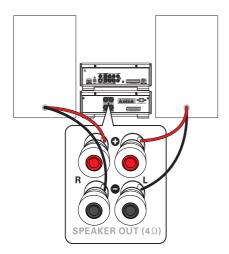
#### For the main unit side:

- 1 Unscrew the speaker connectors.
- 2 Insert fully the red end of a speaker cable into the left red (+) connector.
- **3** Screw the left red (+) connector to secure the cable.
- 4 Insert fully the silver end of a speaker cable into the left black (-) connector.
- 5 Screw the left black (-) connector to secure the cable.
- 6 Repeat steps 2-5 to insert the other speaker cable into the right connectors.



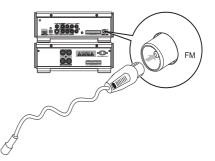
#### For the speaker side:

- 1 Unscrew the speaker connectors.
- 2 For the left speaker, identify the speaker cable that is connected to the left connectors on the main unit.
- 3 Insert fully the red end of the speaker cable into the red (+) connector.
- 4 Screw the red (+) connector to secure the cable.
- 5 Insert fully the silver end of the speaker cable into the black (-) connector.
- 6 Screw the black (-) connector to secure the cable.
- 7 Repeat steps 2-6 for the right speaker.



# Connect FM antenna

1 Connect the supplied FM wire antenna to the FM AERIAL socket on the unit.

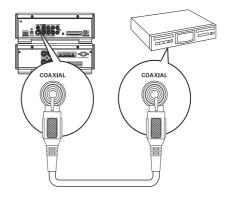


# Connect audio cables

To hear audio from other audio devices as well as the accompanied speakers, select a preferred audio connection:

- Option 1: connect a coaxial cable
- Option 2: connect an optical cable
- Option 3: connect analog audio cables

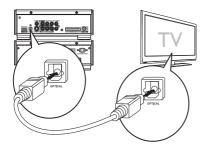
## Option 1: connect coaxial cable



You can enjoy multi-channel surround sound from this apparatus when it is connected to a digital audio device.

1 Connect a coaxial cable (not supplied) to the digital input socket on the audio device.

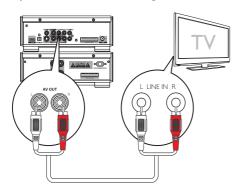
## Option 2: connect optical cable



You can connect an optical cable to enjoy high-quality digital audio from this apparatus.

1 Connect an optical cable (not supplied) to the optical input socket on the audio device.

### Option 3: connect analog audio cables



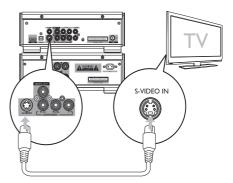
1 Connect an audio cable (red/white ends) to the audio input sockets on an audio device.

# Connect video cables

You can select the best video connection that yourTV supports.

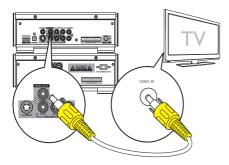
- Option 1: connect through an S-Video cable (for a standard TV).
- Option 2: connect through a the composite video (CVBS) cable (for a standard TV).
- Option 3: connect through component video cables (for a standard TV or Progressive Scan TV).
- Option 4: connect through a SCART cable (for TV with a SCART input socket)
- Option 5: connect through an HDMI cable (for TV with an HDMI input socket)

## Option 1: connect S-Video cable



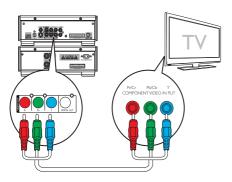
- 1 Connect an S-video cable (not supplied) to:
  - the **S-Video** socket on this unit.
  - the **S-Video** socket on the TV.

# Option 2: connect composite video cable



- 1 Connect the supplied composite video cable to:
  - the VIDEO OUT socket on this unit.
  - the video input socket on the TV.

# Option 3: connect component video cables



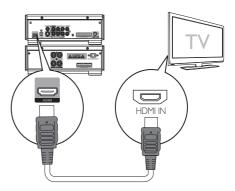


- The progressive scan video quality is only available when a progressive scan TV is connected.
- If your TV does not support progressive scan, you cannot view the picture.
- For how to activate progressive scan on your TV, refer to the TV user manual.

Connect a progressive scan TV through component video for higher quality video.

- 1 Connect component video cables (red/ blue/green - not supplied) to:
  - the VIDEO OUT (Pr/Cr Pb/Cb Y) sockets on this unit.
  - the component input sockets on the TV.

## Option 4: connect HDMI cable



Connect HDMI (High Definition Muiltimedia Interface), DVI (Digital Visual Interface), or HDCP (High-bandwidth Digital Contents Protection)-compliant TVs through HDMI for the best picture quality. This connection transmits both video and audio signals. Through this connection, you can watch DVDs that contain HD (High-Definition) content.

#### Note

- Some TVs do not support HDMI audio transmission.
- 1 Connect an HDMI cable (not supplied) to:
  - the HDMI socket on this unit.
  - the HDMI socket on the TV.

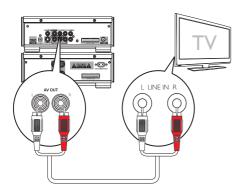
#### Note

• If your TV has only a DVI connection, connect through a HDMI/DVI adaptor. An extra audio connection is needed to complete this connection.

# Connect an external audio device (optional)

You can also listen to an external audio device through this unit.

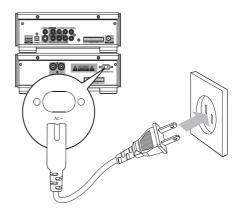
- 1 Connect audio cables (red/white) to:
  - the AUX IN sockets on this unit.
  - the audio output sockets on the external audio device.



# Listen through headphone

1 Plug a headphone into the  $\Omega$  socket.

# Connect power



## Caution

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

# English

# 4 Get started

#### Caution

 Use of controls or adjustments or performance of procedures other than herein may result in hazardous radiation exposure or other unsafe operation.

Always follow the instructions in this chapter in sequence.

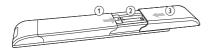
If you contact Philips, you will be asked for the model and serial number of this apparatus. The model number and serial number are on the back of the apparatus. Write the numbers here: Model No.

Serial No. \_\_\_\_

# Install remote control batteries

### Caution

- Risk of explosion! Keep batteries away from heat, sunshine or fire. Never discard batteries in fire.
- Risk of decreased battery life! Never mix different brands or types of batteries.
- Risk of product damage! When the remote control is not used for long periods, remove the batteries.



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

# Set clock

- In standby mode, press and hold RDS/ CLOCK to activate the clock setting mode.
  - → The hour digits are displayed and begin to blink.
- 2 Turn VOLUME+/- to set the hour.
  - Press RDS/CLOCK to confirm.
    - → The minute digits are displayed and begin to blink.
- 4 Turn VOLUME+/- to set the minute.
- 5 Press RDS/CLOCK to confirm.

# Activate demonstration mode

You can see an overview of all features.

- 1 In standby mode, press on the main unit to activate the demonstration mode.
  - A demonstration of major available features starts.

### To deactivate the demonstration mode:

1 Press ■ on the main unit again.

# Turn on/off decoration light

1 Press **DIM** to turn on/off the main set decoration light.

# Turn on

- Press ().
  - ➡ It takes 10 seconds to heat up before the apparatus turns on.

## Switch to standby

- **1** To switch to standby mode, press Φ.
  - → The backlight on the display panel is reduced.
  - → The clock (if set) appears on the display panel.

# Select the correct source on TV

- 1 Turn on the apparatus.
- 2 Press DISC to select the disc source.
- **3** Turn on the TV and then select the correct video source.
  - → You should see the blue DVD background screen.

## 🔆 Tip

• See the TV user manual for details of how to select the correct video source.

# Select the correct TV system

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

- 1 Press SYSTEM.
- 2 Press ▼ to select [Video Setup]> [TV Type] and then press OK.
- **3** Select a setting and then press **OK**.
  - [PAL] For TV with PAL color system.
  - [NTSC] For TV with NTSC color system.
  - [Multi] For TV that is compatible with both PAL and NTSC.
- **4** To exit the menu, press **SYSTEM**.

# Turn on Progressive Scan

Progress scan displays twice the number of frames per seconds than interlaced scanning (ordinary TV system). With nearly double the number of lines, progressive scan offers higher picture resolution and quality.

Before you turn on this feature, ensure that:

- The TV supports progressive scan signals.
- You have connected this unit with the TV through component video.
- **1** Turn on the TV.
- 2 Ensure that the TV progressive scan mode is deactivated (see the TV user manual).
- **3** Switch the TV to the correct viewing channel for this unit.
- 4 Press DISC.
- 5 Press SYSTEM MENU.
- 6 Press ▼ to select [Video Setup], then press ►.
- 7 Select [Progressive]>[On], then press OK.
  - → A warning message is displayed.
- 8 To proceed, select [Ok] and press OK. → The progressive setup is complete.

### Note

- If a blank/distorted screen is displayed, wait for 15 seconds for auto recovery or turn off progressive scan manually.
- 9 Press SYSTEM MENU to exit.

# Change system menu language

- 1 Press SYSTEM.
- 2 Select [General Setup]>[OSD Language],and then press OK.
- **3** Select an option and then press **OK**.
- **4** To exit the menu, press **SYSTEM**.

# 5 Play

### Caution

• Risk of damage to the unit! During play, never move the unit.

# Play discs

#### Caution

- Never look at the laser beam inside the apparatus.
- Risk of product damage! Never play discs with accessories such as disc stabilizer rings or disc treatment sheets.
- Do not push on the disc tray or put any objects other than discs on the disc compartment. It may cause the disc player to malfunction.

## - Note

- With some disc/file types, play may differ.
- Only the first session of a multi-sessioned CD is played.
- This unit does not support MP3PRO audio format.
- If any special characters are 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.
- **1** Press **DISC** to select the disc source.

## 2 Press ▲.

Insert a disc with the printed side facing up, and then close the disc compartment. → Play starts.

- ↦ To stop play, press ■.
- → To pause or resume play, press ► II.
- ➡ For video discs, play always resumes from the point where it was last stopped.
- ➡ To start play from the beginning, press
  I while the message is displayed.

When you load a DVD/(S)VCD disc, a menu may be displayed on the TV screen.

## To access or exit the menu manually:

## 1 Press DISC MENU.

# For VCD with PlayBack Control (PBC) feature (version 2.0 only):

The PBC feature allows you to play VCD interactively according to the menu screen.

- 1 During play, press **DISC MENU** to enable/disable playback control.
  - → When PBC is enabled, the menu screen is displayed.
  - → When PBC is disabled, normal play is resumed.

For MP3/WMA audio files on a recordable DVD, CD.

• Press ▲▼ or enter a folder number to select a folder.

 Press |
 > It o select a track or file.
 You can search content fast forward or backward during play.

- Press ◀◀/► to select required speed.
- To return to normal play speed, press ►11.
- Press I∢/►I to select the previous or next chapter/title/track.

You can select a subtitle language on DVDs or DivX® Ultra discs.

• During play, press **SUBTITLE**.

🔆 Тір

 For some DVDs, the language can only be changed from the disc menu. Press DISC MENU to access the menu.

# Play from USB devices

#### Note

 Ensure that the USB device contains playable audio contents for supported formats. (see 'USB playability information' on page 31)

- 1 Insert the USB connector on the device into the ⊷ socket.
- 2 Press USB.
- **3** Press ▲▼ to select a folder.
- 4 Press I∢ ► to select a file.
- 5 Press ►II to start play.
  - To stop play, press ■.
  - To pause or resume play, press ► II.

# Play DivX video

You can play DivX files copied onto a CD-R/ RW, recordable DVD or USB device.

- 1 Insert a disc or connect a USB device.
- 2 Select a source:
  - For discs, press **DISC**.
  - For USB devices, press **USB**.
- **3** Select a file to play and press **OK**.
  - To stop play, press ■.
  - To pause or resume play, press ► II.
  - To change a subtitle language, press SUBTITLE.

### - Note

- Subtitle files with the following filename extensions (.srt, .smi, .sub, .ssa, .ass) are supported but do not appear on the file navigation menu.
- The subtitle filename has to be the same as the file name of the video.

# View pictures

You can view JPEG files as a slide show.

- 1 Insert a picture disc or connect a USB device.
- 2 Select a source:
  - For discs, press **DISC**.
  - For USB devices, press USB.
- 3 Press ▲▼ to select a folder.
- 4 Press I∢/ ► to select a file.

- To display the selected picture only, press **OK**.
- To start slideshow, press ► II.
- To return to the menu, press DISC MENU.
- To preview all pictures in a folder, press ■during slide show play.

### Slide show play modes

You can view pictures as slide show in different play modes.

1 Press PROG repeatedly.

## View from different angles

1 During play, press **Angle**▲/▼/◀/► to rotate the picture.

# Play musical slideshow

Play MP3/WMA music files and JPEG photo files simultaneously to create musical slideshow. The MP3/WMA and JPEG files must be stored on the same disc or USB device.

- 1 Play MP3/WMA music.
- 2 Navigate to the photo folder/album and press ►II to start slideshow play.
  - → Slideshow begins and continues till the end of the photo folder or album.
  - → Audio continues to play till the end of the disc.
  - ➡ To return to the menu, press DISC MENU.
- **3** To stop slideshow play, press ■.
  - To stop music play, press 🔳 again.

# Play control

## Repeat and random play

You can select various repeat functions during playback. The repeat play options vary depending on the disc type.

- 1 Press **MODE** repeatedly to choose a play mode.
- For DVD
  - [Chapter] (chapter): repeat the current chapter
  - [Title] (title): repeat the current title
  - [AII] (repeat all): repeat the disc
  - [Shuffle] (shuffle): play the disc in random order
- For VCD/MP3/CD/DivX
  - [Track] (track): repeat the current track
  - [DISC] (disc): repeat the disc
  - [Shuffle] (shuffle): play the disc in random order
  - [Shuffle repeat] (shuffle repeat): repeat the disc in random order
  - [Repeat off] (off): switch off the repeat mode
- 1 To return to normal play, press MODE repeatedly until play mode is no longer displayed.

#### Note

Shuffle play cannot be selected when you play programmed tracks.

## Repeat A-B (DVD/VCD/CD/MP3/ WMA)

- 1 During music or video play, press A-B at the start point.
- 2 Press A-B at the end point.
  - → The section starts to play repeatedly.
  - → To cancel repeat play, press A-B again.



#### Note

• The section A and B can be set only within the same chapter/track.

## Search by time or scene/track number

When playing video or music discs, you can select a scene, track or a specified point.

- 1 During play, press **GOTO** until the time or chapter/track a time field or chapter/ track field is displayed.
  - For the time field, enter the play position in hours, minutes and seconds.
  - For the chapter/track field, enter the chapter/track.

### Use slow motion

- 1 Press **SLOW** during playback to select the required speed (forward or backward). → The video is muted.
- 2 To return to normal speed, press ►II.

### Tip

Slow motion backward is not applicable in VCDs.

# **Play options**

## Display play information

1 During play, press **DISPLAY** repeatedly to show different play information on the TV.

## Change camera angle

Some DVDs contain alternate scenes, such as scenes recorded from different camera angles. For such DVDs, you can select from the available alternate scenes.

1 During play, press **Angle** repeatedly to switch between camera angles.

### Zoom in/out image

- 1 During video/picture play, press **ZOOM** repeatedly to zoom in/out the image.
  - When the image is zoomed in, you can press ◄◄/►>/▲/▼ to pan through the image.

# 6 Listen to radio

# Tune to a radio station

### 1 Press TUNER.

- 2 Press and hold ◀◀/►> for more than 2 seconds.
  - → The radio tunes to a station with strong reception automatically.
- **3** Repeat step 2 to tune to more stations.
  - To tune to a weak station, press ◀◀ /▶ repeatedly until you find optimal reception.

# Program radio stations automatically



- You can program a maximum of 20 preset radio stations.
- 1 In the tuner mode, press and hold **PROG** for more than 2 seconds to activate automatic program mode.
  - All available stations are programmed in the order of waveband reception strength.
  - → The first programmed radio station is broadcast automatically.

# Program radio stations manually



- You can program a maximum of 20 preset radio stations.
- 1 Tune to a radio station.

- 2 Press PROG to activate program mode.→ [PROG] blinks on the display.
- 3 Press I√ ►I to allocate a number (1 to 20) to this radio station, then press PROG to confirm.
  - → The preset number and the frequency of the preset station are displayed.
- 4 Repeat the steps above to program other stations.

#### Note

• To overwrite a programmed station, store another station in its place.

# Select a preset radio station

1 Press I → to select a preset number.

# 🔆 Тір

- Position the antenna as far as possible from TV, VCR or other radiation source.
- For optimal reception, fully extend and adjust the position of the antenna.

# 7 Adjust sound

# Adjust volume level

1 During play, press VOLUME+/- to increase/decrease the volume level.

# Select automatic loudness control

The loudness feature enables the system to increase the treble and bass sound effect at low volume automatically (the higher the volume, the lower the treble and bass increase).

1 During play, press LOUDNESS to turn on/off automatic loudness control.

# Adjust bass level

1 During play, press BASS +/- to adjust bass level.

# Adjust treble level

1 During play, press **TREBLE +/-** to adjust treble level.

# Mute sound

1 During play, press MUTE to mute or restore sound.

## 8 Adjust settings

# General setup

- 1 Press SYSTEM.
  - → [General Setup] menu is displayed.
- 2 Press **>>**
- 3 Select an option and then press OK.
- 4 Select a setting and then press OK.
  - To return to the previous menu, press ◀.
  - To exit the menu, press SYSTEM.
  - Note

See the explanations of the above options in the following pages.

## [Disc Lock]

Set play restriction for specific discs. Before you start, place the disc in the disc compartment (maximum 40 discs can be locked).

- . [Lock] – Restrict access to the current disc. You need to enter a password to unlock and play the disc.
- [Unlock] Play all discs.

## Tip

 To set or change the password, go to [Preference Setup] > [Password].

## [OSD Language]

Select the preferred language for on-screen display.

This apparatus supports Philips EasyLink, which uses the HDMI CEC (Consumer Electronics Control) protocol. EasyLinkcompliant devices that are connected through HDMI connectors can be controlled by a single remote control.



#### Note

 Philips does not guarantee 100% interoperability with all HDMI CEC devices.

## [EasyLink]

- [One Touch Play] Turn on or off one touch play.
- [System Standby] Turn on or off one touch power-off. You can use the remote control of this apparatus to turn the apparatus and all connected HDMI devices to standby mode.
- [System Audio Control] Turn on or off one touch audio control.
- [Audio Input Mapping] Scan and map audio input from all the connected devices.

## [Screen Saver]

The screen saver protects the TV screen damage due to prolonged exposure to a static image.

- [On] Enable the screen saver.
- **[Off]** Disable the screen saver.

## [DivX(R) VOD Code]

Display the DivX<sup>®</sup> registration code.



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

# Audio setup

- 1 Press SYSTEM.
- 2 Press ▼ to select [Audio Setup], and then press **>>**.
- 3 Select an option and then press OK.
- 4 Select a setting and then press **OK**.

- To return to the previous menu, . press **44**.
- To exit the menu, press SYSTEM.



· See the explanations of the above options in the following pages.

### [HDMI Audio]

When you connect this apparatus and TV with an HDMI cable, select the audio output setting for this connection.

- **[On]** the sound is output through both your TV and this apparatus. If the audio format on the disc is not supported, it is downmixed to twochannel sound (Linear-PCM).
- [Off] disable audio output from the TV. The sound is only output through this apparatus.

### [Night Mode]

Make loud sound level softer and soft sound level louder so that you can watch the DVD movies at a low volume, without disturbing others.

- [Off] enjoy surround sound with its full dynamic range.
- [On] enjoy quiet viewing at night (DVDs only).

# Video setup

- 1 Press SYSTEM.
- 2 Press ▼ to select [Video Setup], and then press **>>**.
- 3 Select an option and then press OK.
- 4 Select a setting and then press **OK**.
  - To return to the previous menu, press **4**
  - To exit the menu, press **SYSTEM**.



#### Note

• See the explanations of the above options in the following pages.

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

### [TV Display]

The TV format determines the aspect ratio of display according to the type of TV you have connected.



4:3 Pan Scan (PS)

16:9 (Wide Screen)

- [4:3 Pan Scan] For 4:3 screen TV: full-height display with the trimmed sides.
- [4:3 Letter Box] For 4:3 screen TV: wide-screen display with black bars on the top and bottom of the screen.
- [16:9 Wide Screen] For widescreen TV: display ratio 16:9.

### [Progressive]

Turn on or off progressive scan mode.

### [Picture Settings]

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

- [Standard] original color setting.
- [Bright] vibrant color setting.
- [Soft] warm color setting.
- [Personal] customize the color setting. Adjust the level of brightness, contrast, sharpness/tint and color saturation.

## [HDMI Video] - Select the HDMI video

output resolution that is compatible with your TV display capability.

Option	Description
[Auto]	Detect and select
	the best supported
	video resolution
	automatically.
[480p],	Select a video
[576p],	resolution that is best
[720 <sub>P</sub> ],	supported by your TV.
[1080i],	See your TV manual
[1080 <sub>P</sub> ]	for details.

## [Closed Caption]

Turn off or on display captions.

- [On] show the sound effects in subtitles. Applicable only to discs with Closed Caption information included and the TV that supports this feature.
- **[Off]** turn off closed caption.

# Preferences

- 1 Press SYSTEM.
- 2 Press ▼ to select [Preference Setup], and then press ▶▶.
- 3 Select an option and then press OK.
- 4 Select a setting and then press **OK**.
  - To return to the previous menu, press **44**.
  - To exit the menu, press **SYSTEM**.

## Note

· See the explanations of the above options in the following pages.

## [Audio]

Select the preferred audio language for disc play.

## [Subtitle]

Select the preferred subtitle language for disc play.

## [Disc Menu]

Select the preferred 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 discs, the subtitle/audio language can only be changed from the disc menu.
- · To select the languages that are not listed in the menu, select [Others]. Then check the Language Code list at the back of this user manual and enter the respective 4-digit language code.

## [Parental]

Restricts 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 keys to enter the password.



### Note

- · Rated discs above the level you set in [Parental] 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.

Tip

• You can set or change the password (see [Preference Setup] > [Password]).

## [PBC]

Turns on or off the content menu of VCDs/ SVCDs with PBC (playback control) feature.

- [On] display index menu when you load a disc for play.
- **[Off]** skip the menu and start play from the first title.

#### [MP3/JPEG Nav]

Select to display the folders or display all the files.

- [With Menu] display the folders of MP3/WMA files.
- [Without Menu] display all the files.

### [Password]

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

1) Press the numeric keys to enter '0000' or your 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.



• If you forget the password, enter '0000' before you set a new password.

### [DivX Subtitle]

Select a character set that supports the DivX subtitle.

[Standard]	English, Irish, Danish, Estonian,
	Finnish, French, German, Italian,
	Portuguese, Luxembourgish,
	Norwegian (Bokmål and
	Nynorsk), Spanish, Swedish,
	Turkish
[Central	Polish, Czech, Slovak, Albanian,
Europe]	Hungarian, Slovene, Croatian,
	Serbian (Latin script), Romanian
[Cyrillic]	Belarusian, Bulgarian, Ukrainian,
	Macedonian, Russian, Serbian
[Greek]	Greek
[Hebrew]	Hebrew



#### Note

• Ensure that the subtitle file has the exact same file name as the movie file. If for example the file name of the movie is 'Movie.avi', then you will need to name the text file 'Movie.sub' or 'Movie.srt'.

# 9 Other features

# Set the alarm timer

This unit can be used as an alarm clock. The DISC, TUNER or USB is activated to play at a preset time.

### - Note

- Ensure that you have set the clock correctly.
- 1 In standby mode, press and hold SLEEP/ TIMER.
  - → The hour digits are displayed and begin to blink.
- 2 Turn VOLUME+/- or press VOLUME+/on the remote control to set the hour.

## **3** Press **SLEEP/TIMER** to confirm.

- → The minute digits are displayed and begin to blink.
- 4 Turn VOLUME+/- or press VOLUME+/on the remote control to set the minute.
- 5 Press SLEEP/TIMER to confirm.
  → [OFF] (OFF) begins to blink.
- 6 Turn VOLUME+/- or press VOLUME+/on the remote control to select [ON] (ON).
- 7 Press SLEEP/TIMER to confirm.→ The timer is set and activated.

### To deactivate the timer

- Select [OFF] (off) in step 6.
- If timer is activated, the display shows ⊕.
- If timer is deactivated, 🕀 disappears on the display.

# Set the sleep timer

This apparatus can switch to standby automatically after a set period of time.

- 1 When the apparatus is turned on, press SLEEP/TIMER repeatedly to select a set period of time (in minutes).
  - ➡ When sleep timer is activated, the display shows <sup>zz<sup>Z</sup></sup>.

### To deactivate sleep timer

- 1 Press SLEEP/TIMER repeatedly until [--] is displayed.
  - → When sleep timer is deactivated, <sub>z</sub>z<sup>z</sup> disappears on the display.

# Listen to an audio device

You can listen to an audio device through this apparatus.

- 1 Connect a 3.5mm audio cable (not supplied) from the AUX socket to the audio output socket audio device.
- 2 Press AUX.

3

Start to play the device (see the device user manual).

# 10 Product information

#### Note

• Product information is subject to change without prior notice.

# **Specifications**

### Amplifier

Rated Output Power	2X75W RMS
Frequency Response	40Hz-20000Hz, ±3dB
Signal to Noise Ratio	>65dB
Aux Input	0.5 V RMS 20kohm

## Disc

Semiconductor
12cm/8cm
MPEG-1 / MPEG-2 /
DivX
12Bits
PAL / NTSC
4:3 / 16:9
>48dB
24Bits / 96kHz
<1% (1 kHz)
4Hz - 20kHz (44.1kHz)
4Hz - 22kHz (48kHz)
4Hz - 24kHz (96kHz)
>65dBA

## Tuner (FM)

Tuning Range	87.5 - 108MHz
Tuning grid	50KHz
Sensitivity - Mono, 26dB	<22 dBf
S/N Ratio	
Sensitivity - Stereo, 46dB	<43 dBf
S/N Ratio	
Search Selectivity	>28dBf
Total Harmonic	<2%
Distortion	
Signal to Noise Ratio	>55dB

## Speakers

Speaker	4ohm
Impedance	
Speaker Driver	5.25" woofer + 1" tweeter
Sensitivity	>80dB/m/W±4dB/m/W

## General information

AC power	220V, 50Hz
Operation Power	60W
Consumption	
Standby Power	<10W
Consumption	
Composite Video	1.0Vp-p, 75ohm
Output	
Coaxial Ouput	0.5Vpp ±.1Vpp
	75ohm
Headphone output	2X15mW 32ohm
USB Direct	Version 2.0
Dimensions	
- Main Unit ( $W \times H \times D$ )	250 x 185 x 280 mm
- Speaker Box ( $W \times H \times D$ )	205 x 330 x 240 mm
Weight	
- With Packing	22.5 kg
- Main Unit	6.8 kg
- Speaker Box	2 x 7 kg

# English

# Supported disc formats

- Digital Video Discs (DVDs)
- Video CDs (VCDs)
- Super Video CDs (SVCDs)
- Digital Video Discs + Rewritable (DVD+RW)
- Compact Discs (CDs)
- Picture (Kodak, JPEG) files on CDR(W)
- DivX(R) disc on CD-R(W):
- DivX 3.11, 4.x and 5.x
- WMA

### Supported MP3-CD formats:

- ISO 9660
- Max. title/album name: 12 characters
- Max. title number plus album: 255.
- Max. nested directory: 8 levels.
- Max. album number: 32.
- Max. MP3 track number: 999.
- Supported sampling frequencies for MP3 disc: 32 kHz, 44.1 kHz, 48 kHz.
- Supported Bit-rates of MP3 disc are: 32, 64, 96, 128, 192, 256 (kbps).
- The following formats are not supported:
  - Files like \*.VMA, \*.AAC, \*.DLF,
    \*.M3U,
  - \*.PLS, \*.WAV
  - Non-English Album/Title name
  - Discs recorded in Joliet format
  - MP3 Pro and MP3 with ID3 tag

# Compatible USB devices:

• USB flash memory (USB 2.0 or USB1.1)

USB playability information

- USB flash players (USB 2.0 or USB1.1)
- memory cards (requires an additional card reader to work with this apparatus)

### Supported formats:

- USB or memory file format FAT12, FAT16, FAT32 (sector size: 512 bytes)
- MP3 bit rate (data rate): 32-320 Kbps and variable bit rate
- WMA v9 or earlier
- Directory nesting up to a maximum of 8 levels
- Number of albums/ folders: maximum 99
- Number of tracks/titles: maximum 999
- ID3 tag v2.0 or later
- File name in Unicode UTF8 (maximum length: 128 bytes)

### Unsupported formats:

- Empty albums: an empty album is an album that does not contain MP3/ WMA files, and is not be shown in the display.
- Unsupported file formats are skipped. For example, Word documents (.doc) or MP3 files with extension .dlf are ignored and not played.
- AAC, WAV, PCM audio files
- DRM protected WMA files (.wav, .m4a, .m4p, .mp4, .aac)
- WMA files in Lossless format

# 11 Troubleshooting

#### Caution

• Never remove the casing of this apparatus.

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

If you encounter problems when using this apparatus, check the following points before requesting service. If the problem remains unsolved, go to the Philips web site (www. Philips.com/support). When you contact Philips, ensure that your apparatus is nearby and the model number and serial number are available.

#### No power

- Ensure that the AC cord of the apparatus is connected properly.
- Ensure that there is power at the AC outlet.
- As a power-saving feature, the system switches off automatically 15 minutes after track play reaches the end and no control is operated.

#### No disc detected

- Insert a disc.
- Check if the disc is inserted upside down.
- Wait until the moisture condensation at the lens has cleared.
- Replace or clean the disc.
- Use a finalized CD or correct format disc.

#### No picture

- Check the video connection.
- Turn on the TV to the correct Video-In channel.
- Progressive scan is activated but the TV does not support progressive scan.

#### Black and white or distorted picture

- The disc does not match the TV color system standard (PAL/NTSC).
- Sometimes a slight picture distortion may appear. This is not a malfunction.
- Clean the disc.

• A distorted picture may appear during progressive scan setup.

# The aspect ratio of the TV screen cannot be changed even though you have set the TV display format.

- The aspect ratio if fixed on the loaded DVD disc.
- The aspect ratio may not be changed for some TV systems.

#### No sound or poor sound

- Adjust the volume.
- Disconnect the headphone.

#### Remote control does not work

- Before pressing any function button, first select the correct source with the remote control instead of the main unit.
- Reduce the distance between the remote control and the apparatus.
- Insert the battery with its polarities (+/signs) aligned as indicated.
- Replace the battery.
- Aim the remote control directly at the sensor on the front of the apparatus.

#### Disc does not play

- Insert a readable disc with the label side facing you.
- Check the disc type, color system and regional code. Check for any scratches or smudges on the disc.
- Press **SYSTEM** to exit the system setup menu.
- Disable the password for parental control or change the rating level.
- Moisture has condensed inside the system. Remove the disc and leave the system turned on for about an hour. Disconnect and reconnect the AC power plug, and then turn on the system again.
- As a power-saving feature, the system turns off automatically 15 minutes after disc play reaches the end and no control is operated.

#### Poor radio reception

- Increase the distance between the apparatus and your TV or VCR.
- Fully extend the FM antenna.
- Connect an outdoor FM antenna instead.

#### Unable to select Progressive Scan

• Ensure the video output mode is set to [YUV].

#### Audio or subtitle languages cannot be set

- The disc is not recorded with sound or subtitles in multiple languages.
- The audio or subtitle language setting is prohibited on the disc.

#### USB device or SD/MMC card not supported

 The USB device or SD/MMC card is incompatible with the apparatus. Try another one.

#### Cannot display some files in USB device

- The number of folders or files in the USB device has exceeded a certain limit. This phenomenon is not a malfunction.
- The formats of these files are not supported.

#### Timer does not work

- Set the clock correctly.
- Switch on the timer.

#### Clock/timer setting erased

- Power has been interrupted or the power cord has been disconnected.
- Reset the clock/timer.

# 12 Glossary

# Α

#### Analog audio

Sound that has not been turned into numbers. Analog sound is available when you use the AUDIO LEFT/RIGHT. These red and white jacks send audio through two channels, the left and right.

### 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.

#### AUDIO OUT sockets

Red and white sockets that send audio to another system (TV, Stereo, etc).

# В

#### Bit rate

Bit rate is the number of bits that are conveyed or processed per unit of time. The bit rate is usually measured in some multiple of bits per second (kilobits per second: kbps). The term bit rate is a synonym for data transfer rate (or simply data rate).

# С

#### Chapter

Chapter

Sections of a picture or a music piece on a DVD that are smaller than titles. A title is composed of several chapters. Each chapter is assigned a chapter number that enables you to locate a specific chapter.

# D

#### Digital Audio

Digital Audio is a sound signal that has been converted into numerical values. Digital sound can be transmitted through multiple channels. Analog sound can only be transmitted through two channels.

#### Disc menu

A screen display that allows election of images, sounds, subtitles, multi-angles, etc., recorded on a DVD.

#### DivX®

The DivX<sup>®</sup> codec is a patent-pending, MPEG-4 based video compression technology developed by DivX<sup>®</sup>, Inc. It can shrink the file size of digital video and still maintain the high visual quality.

### Dolby Digital

A surround sound system developed by Dolby Laboratories that contains up to six channels of digital audio (front left and right, surround left and right, center and subwoofer.)

# Н

### HDMI

High-Definition Multimedia Interface is a high-speed digital interface that can transmit uncompressed high definition video and digital multichannel audio. It delivers high quality picture and sound quality, completely free from noise. HDMI is fully backwardcompatible with DVI.

As required by the HDMI standard, connecting to HDMI or DVI products without HDCP (High-bandwidth Digital Content Protection) will result in no Video or Audio output. **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.'

# Μ

### 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.

#### Multichannel

Usually DVD is specified to have each sound track constitute one sound field. Multichannel refers to a structure of sound tracks having three or more channels.

# Ρ

### Parental control

A function of the DVD to limit playback of the disc by the age of the users according to the limitation level in each country. The limitation varies from disc to disc; when it is activated, playback will be prohibited if the software's level is higher than the user-set level.

#### 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.

### PCM

Pulse Code Modulation. A digital audio encoding system.

# R

#### Region code

A system that allows discs to be played only in the region designated. This unit only plays discs that have compatible region codes. You can find the region code of your unit on the product label. Some discs are compatible with more than one region (or ALL regions.)

# S

#### S-Video

An analog video connection. It is capable of transmitting clear picture quality by sending separate signals for luminance and colour to the connected device. You can use S-Video only if your TV has an S-Video In socket.

#### Surround

A system that creates realistic, threedimensional sound fields. It is usually achieved with multiple speakers that are arranged around the listener.

## Т

#### Title

On commercial DVDs, this is the longest section of a movie or music feature on DVD. Each title is assigned a title number, so that you can locate the title you want. When you record programs, they are stored as titles. Depending on the recording settings, recorded titles may automatically contain several chapters.

## V

#### VIDEO OUT socket

Yellow socket that sends the DVD picture video to a TV.



