

Panasonic®

Operating Instructions

DVD/CD PLAYER

Model No. **DVD-S58**

DVD-S38



DVD-S58



Dear customer

Thank you for purchasing this product.

For optimum performance and safety, please read these instructions carefully.

Before connecting, operating or adjusting this product, please read the instructions completely.

Please keep this manual for future reference.



(DVD-S58 only)



Model number suffix "EB" denotes UK model.



EB GN GA GU GJ GC GF GW

VQT2R61-1

Caution for AC Mains Lead

**(For the United Kingdom, Republic of Ireland, Saudi Arabia, Kuwait and Africa)
("EB" or "GC" area code model only)**

For your safety, please read the following text carefully.

This appliance is supplied with a moulded three pin mains plug for your safety and convenience. A 5-ampere fuse is fitted in this plug. Should the fuse need to be replaced please ensure that the replacement fuse has a rating of 5-ampere and that it is approved by ASTA or BSI to BS1362. Check for the ASTA mark  or the BSI mark  on the body of the fuse.

If the plug contains a removable fuse cover you must ensure that it is refitted when the fuse is replaced.

If you lose the fuse cover the plug must not be used until a replacement cover is obtained. A replacement fuse cover can be purchased from your local dealer.

CAUTION!

IF THE FITTED MOULDED PLUG IS UNSUITABLE FOR THE SOCKET OUTLET IN YOUR HOME THEN THE FUSE SHOULD BE REMOVED AND THE PLUG CUT OFF AND DISPOSED OF SAFELY.

THERE IS A DANGER OF SEVERE ELECTRICAL SHOCK IF THE CUT OFF PLUG IS INSERTED INTO ANY 13-AMPERE SOCKET.

If a new plug is to be fitted please observe the wiring code as stated below.

If in any doubt please consult a qualified electrician.

IMPORTANT


The wires in this mains lead are coloured in accordance with the following code:

Blue: Neutral, Brown: Live.

As these colours may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

The wire which is coloured Blue must be connected to the terminal which is marked with the letter N or coloured Black or Blue.

The wire which is coloured Brown must be connected to the terminal which is marked with the letter L or coloured Brown or Red.

WARNING: DO NOT CONNECT EITHER WIRE TO THE EARTH TERMINAL WHICH IS MARKED WITH THE LETTER E, BY THE EARTH SYMBOL  OR COLOURED GREEN OR GREEN/YELLOW.

THIS PLUG IS NOT WATERPROOF—KEEP DRY.

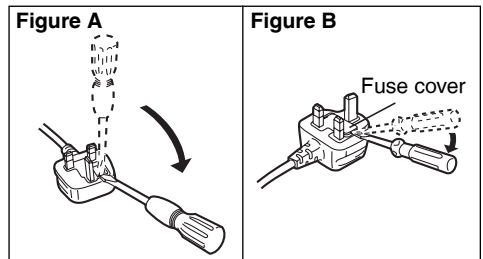
Before use

Remove the connector cover.

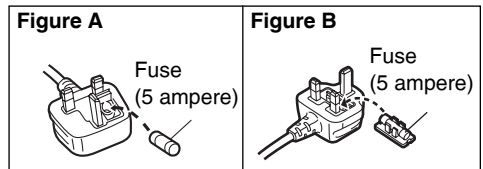
How to replace the fuse

The location of the fuse differ according to the type of AC mains plug (figures A and B). Confirm the AC mains plug fitted and follow the instructions below. Illustrations may differ from actual AC mains plug.

1. Open the fuse cover with a screwdriver.



2. Replace the fuse and close or attach the fuse cover.



Placement

Set the unit up on an even surface away from direct sunlight, high temperatures, high humidity, and excessive vibration. These conditions can damage the cabinet and other components, thereby shortening the unit's service life. Do not place heavy items on the unit.

Voltage

Do not use high voltage power sources. This can overload the unit and cause a fire. Do not use a DC power source. Check the source carefully when setting the unit up on a ship or other place where DC is used.

AC mains lead protection

Ensure the AC mains lead is connected correctly and not damaged. Poor connection and lead damage can cause fire or electric shock. Do not pull, bend, or place heavy items on the lead. Grasp the plug firmly when unplugging the lead. Pulling the AC mains lead can cause electric shock. Do not handle the plug with wet hands. This can cause electric shock.

Foreign matter

Do not let metal objects fall inside the unit. This can cause electric shock or malfunction.

Do not let liquids get into the unit. This can cause electric shock or malfunction. If this occurs, immediately disconnect the unit from the power supply and contact your dealer.

Do not spray insecticides onto or into the unit. They contain flammable gases which can ignite if sprayed into the unit.

Service

Do not attempt to repair this unit by yourself. If sound is interrupted, indicators fail to light, smoke appears, or any other problem that is not covered in these instructions occurs, disconnect the AC mains lead and contact your dealer or an authorized service center. Electric shock or damage to the unit can occur if the unit is repaired, disassembled or reconstructed by unqualified persons.

Extend operating life by disconnecting the unit from the power source if it is not to be used for a long time.

Unit and disc care

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This product incorporates copyright protection technology that is protected by U.S. patents and other intellectual property rights. Use of this copyright protection technology must be authorized by Rovi Corporation, and is intended for home and other limited viewing uses only unless otherwise authorized by Rovi Corporation. Reverse engineering or disassembly is prohibited.

NOTE:

DVD-S58 for the United Kingdom and Republic of Ireland is used in the illustrations unless otherwise mentioned.

Illustrations shown may be different between models and countries.

Maintenance

Clean this unit with a soft, dry cloth

- Never use alcohol, paint thinner or benzene to clean this unit.
- Before using chemically treated cloth, read the instructions that came with the cloth carefully.
- Cleaning of the lens is generally not necessary although this depends on the operating environment.
- Do not use commercially available lens cleaners as they may cause malfunction.

Clean discs

- Wipe with a damp cloth and then wipe dry.



Disc handling precautions

- Handle discs by the edges to avoid inadvertent scratches or fingerprints on the disc.
- Do not attach labels or stickers to discs.
- Do not use record cleaning sprays, benzene, thinner, static electricity prevention liquids or any other solvent.
- Do not use the following discs:
 - Discs with exposed adhesive from removed stickers or labels (rented discs etc.).
 - Discs that are badly warped or cracked.
 - Irregularly shaped discs, such as heart shapes.

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General Information

Accessories

- 1 Audio/Video cable (K2KA2BA00003)
- 1 Remote Control (N2QAJA000002)
- 2 Batteries for remote control

Tips:

- The accessories and their shape will differ depending on the country or area where the unit was purchased.
- Product numbers correct as of February 2010. These may be subject to change.

Region codes

This DVD player is designed to support the Region Management System. Confirm the region number for the unit on the rear panel. Check the regional code number on the disc package. If the number does not match the player's region number, the player may be unable to play back the disc.

Tips:

- It may not be possible to play CD-R/RW or DVD-R/RW in all cases due to the type of disc or condition of the recording.
- If you are having trouble playing a certain disc, remove the disc and try a different one. Improperly formatted disc will not play on this DVD Player.

(For the United Kingdom and Republic of Ireland customers)













Sales and Support Information

Customer Care Centre

- For customers within the UK: 0844 844 3852
- For customers within the Republic of Ireland: 01 289 8333
- Visit our website for product information www.panasonic.co.uk
- E-mail: customer.care@panasonic.co.uk

Direct Sales at Panasonic UK

- For customers: 0844 844 3856
- Order accessory and consumable items for your product with ease and confidence by phoning our Customer Care Centre Monday–Thursday 9:00 a.m.–5:30 p.m., Friday 9:30 a.m.–5:30 p.m. (Excluding public holidays)
- Or go on line through our Internet Accessory ordering application at www.pas-europe.com.
- Most major credit and debit cards accepted.
- All enquiries transactions and distribution facilities are provided directly by Panasonic UK Ltd.
- It couldn't be simpler!
- Also available through our Internet is direct shopping for a wide range of finished products, take a browse on our website for further details.

Region	Discs that can be played	
U.S.A. and Canada regions		
U.K and Europe regions		
Asia Pacific, Taiwan		
Australia, New Zealand, Latin America		
Russia and India regions		
China		

IMPORTANT!

- If '⊖' appears on the TV screen when a button is pressed, it means the function is not available on the current disc or at the current time.
- DVD discs and players are designed with regional restrictions. Before playing a disc, make sure the disc is for the same zone as your player.

Playable discs and supported formats

Using this DVD player, you can play back the following discs:

DVD Video

DVD-Video format



DVD-RW

DVD-Video format*1



DVD-R

DVD-R DL

DVD-Video format*1,

JPEG*2*3*4*5*6,

MP3*3*7*8*9, DivX*3*10*11*12*13



CD-R

CD-DA, JPEG*2*3*4*5*6,

MP3*3*7*8*9, DivX*3*10*11*12*13

Video CD, Super Video CD



CD-RW

CD-DA, JPEG*2*3*4*5*6,

MP3*3*7*8*9, DivX*3*10*11*12*13

Video CD, Super Video CD



Audio CD

CD-DA



Video CD

(Formats 1.0, 1.1, 2.0)



Super Video CD



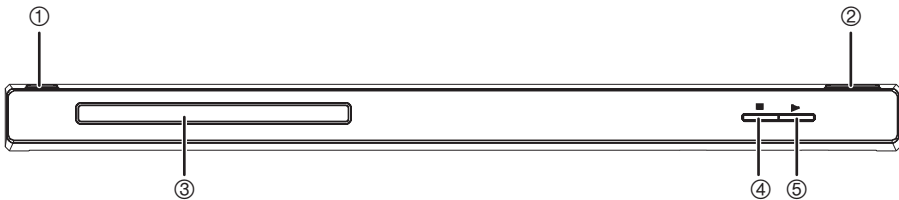
+RW
+R
+R DL
Video*1

- *1 Finalizing is necessary.
- *2 The file extensions has to be '.JPG' or '.JPEG'.
- *3 ISO9660 level 1 or 2 (except for extended formats)
This unit is compatible with multi-session.
This unit is not compatible with packet writing.
- *4 Picture resolution: between 34 × 34 and 6144 × 4096 pixels (sub sampling is 4:2:2 or 4:2:0)
Motion JPEG is not supported.
- *5 The total combined maximum number of recognizable picture contents and folders: 9999 picture contents and 188 folders.
- *6 Files that have been altered, edited or saved with computer picture editing software may not be displayed.
- *7 The file extensions has to be '.mp3'.
- *8 Compression rate: 32 kbps to 320 kbps
Sampling rate: 44.1 kHz, 48 kHz
- *9 Not compatible with ID3 tags.
- *10 The file extensions has to be '.DIVX;', '.divx;', '.AVI;', or '.avi'.
- *11 (For the United Kingdom and Republic of Ireland)
Subtitle text file is supported.
(For others)
Subtitle text file is not supported.
- *12 Plays all versions of DivX video (including DivX 6) with standard playback of DivX media files.
Certified to the DivX Home Theater Profile V3.0.
GMC (Global Motion Compensation) not supported.
- *13 The total combined maximum number of recognizable file contents and folders: 9999 file contents and 188 folders (include root folder).

Tips: Some discs cannot be played on this DVD player due to the configuration and characteristics of the disc, or due to the condition of recording and authoring software that was used.

Product Overview

Front and Rear panels



① **Standby/on switch** (⏻/⏻)

- Press to switch the unit from on to standby mode or vice versa. In standby mode, the unit is still consuming a small amount of power.

② **▲ OPEN/CLOSE**

- Opens/closes the disc tray

③ **Disc tray**

④ **■ (Stop)**

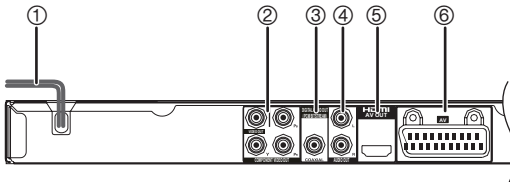
- Stops playback

⑤ **▶ (Play)**

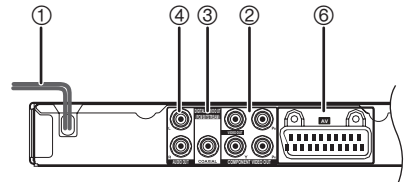
- Starts playback

(For the United Kingdom and Republic of Ireland)

DVD-S58

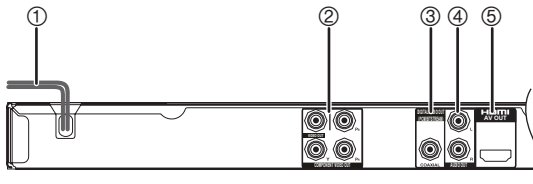


DVD-S38

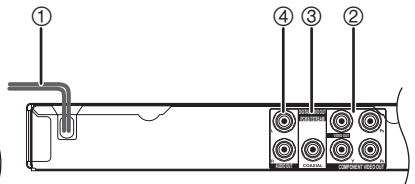


(For others)

DVD-S58



DVD-S38



① **(AC mains lead)**

- Connects to a standard AC outlet

② **VIDEO OUT**

- Connects to Video input of a TV
- COMPONENT VIDEO OUT (YPbPr)**
- Connects to Component Video input of a TV

③ **DIGITAL AUDIO OUT (PCM/ BITSTREAM) (COAXIAL)**

- Connects to coaxial Audio input of a digital audio equipment

④ **AUDIO OUT (L, R)**

- Connects to Audio input of a TV, an amplifier, receiver or stereo audio device

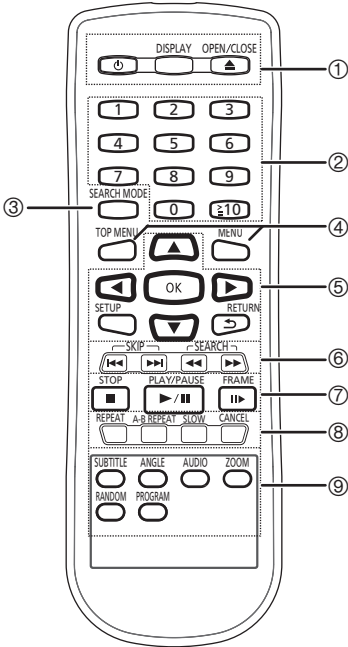
⑤ **HDMI AV OUT (DVD-S58 only)**

- Connects to HDMI input of a TV, an amplifier or receiver

⑥ **AV (For the United Kingdom and Republic of Ireland only)**

- Connects to Scart input of a TV

Remote Control



- ① **Standby/on switch** – To switch the DVD player to standby mode or ON
DISPLAY – Displays information on TV screen during playback
OPEN/CLOSE – Opens/closes the disc tray
- ② **Numeric keypad** – Selects numbered items in a menu
- ③ **SEARCH MODE** – Starts to select the point
- ④ **TOP MENU** – Shows Top menu
MENU – Shows Menu
- ⑤ **▲▼◀▶**
▲/▼ – Cursor buttons for moving up/down
◀/▶ – Cursor buttons for moving to the left or right
OK – Confirms menu selection
SETUP – Enters or exits the system setup menu
RETURN – Come/go back
- ⑥ **SKIP**
 – Skips to previous title/chapter/track
 – Skips to next title/ chapter/track
SEARCH
◀◀ – Starts fast reverse
▶▶ – Starts fast forward
- ⑦ **STOP** – Stops playback
PLAY/PAUSE – Starts or pauses playback
FRAME – Plays Video frame by frame
- ⑧ **REPEAT** – Selects various repeat mode
A-B REPEAT – Repeats playback from point A to B on a disc
SLOW – Starts slow motion playback
CANCEL – Clear the input information
- ⑨ **SUBTITLE** – Switches between different subtitle
ANGLE – Switches the camera angle during playback
AUDIO – Changes soundtracks
ZOOM – Changes zoom ratio
RANDOM – Starts random playback
PROGRAM – Starts program playback

Product Overview

Inserting Batteries

- ① Open the battery compartment of remote control.
- ② Insert two batteries type R03 or AAA, following the indications (+/-) inside the compartment.
- ③ Close the cover.

CAUTION!

- **Remove batteries if they are exhausted or if the remote control is not being used for a long time.**
- **Do not mix old and new or different types of batteries in combination.**
- **Batteries contain chemical substances, so they should be disposed of properly.**

- **Do not heat or expose to flame.**
- **Do not leave the battery(ies) in an automobile exposed to direct sunlight for a long period of time with doors and windows closed.**
- **Keep the AAA R03 batteries out of reach of children to prevent swallowing.**

Using the remote control to operate the system

- ① Aim the remote control directly at the remote sensor on the front panel.
- ② Do not put any objects between the remote control and the DVD Player while operating the DVD Player.

CAUTION

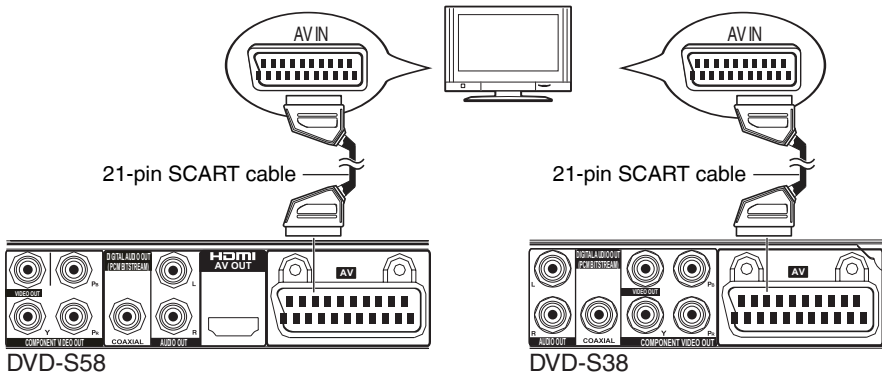
Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type recommended by the manufacturer. Dispose of used batteries according to the manufacturer's instructions.

- Peripheral equipment and optional cables sold separately unless otherwise indicated.
- Do not place the unit on amplifiers/receivers or equipment that may become hot. The heat can damage the unit.
- Before making any connections we suggest you temporarily disconnect all the units from AC power.
- Do not connect video signals through a video recorder. Due to copy guard protection the picture may not be displayed properly.

Connecting to television

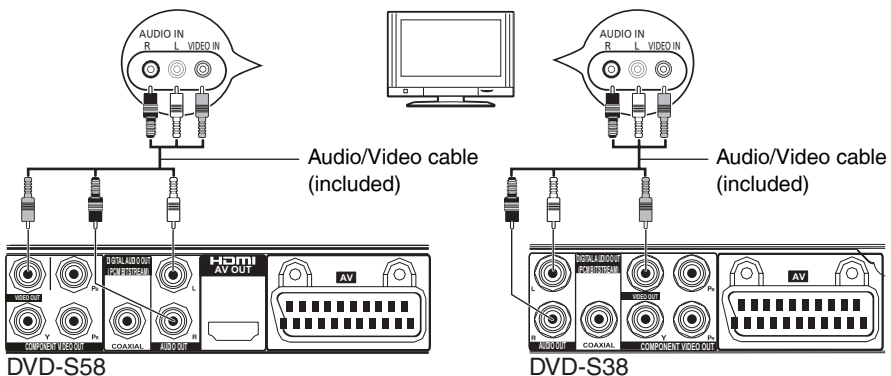
Using an AV Connection (AV Jack)

(For the United Kingdom and Republic of Ireland only)



Proceed to **DVD Menu Options > {Video}**. (→ page 25)

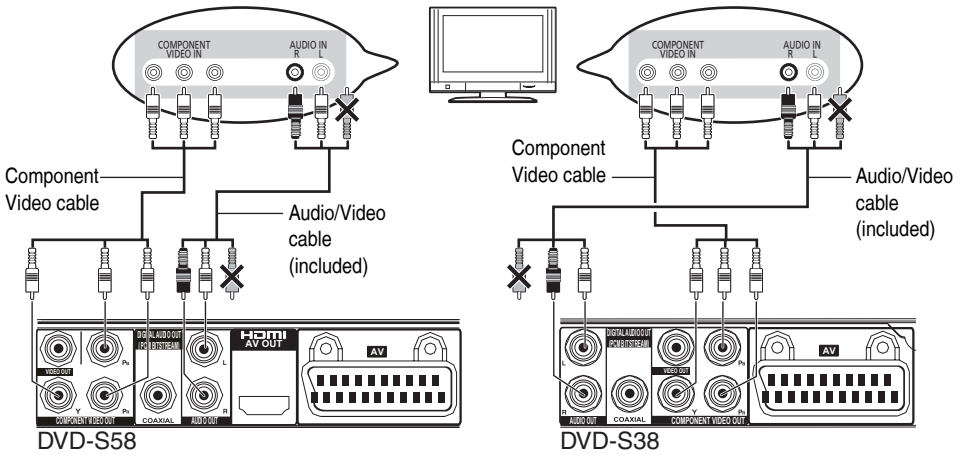
Using a Video Connection (VIDEO OUT Jack)



- Connect terminals of the same color.

Connections

Using a Component Video Connection (COMPONENT VIDEO OUT Jack) (YPbPr)

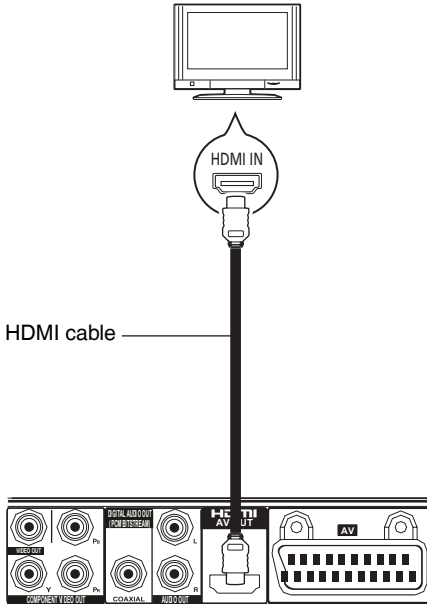


– Connect terminals of the same color.

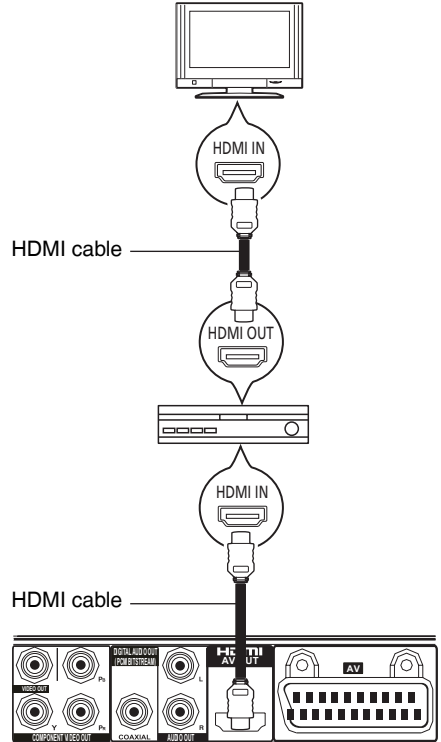
Proceed to **Getting started > Step 2** for Progressive Scan set up. (➔ page 15)

Using a HDMI Connection (HDMI AV OUT Jack) (DVD-S58 only)

■ With HDMI compatible television



■ With HDMI compatible television and amplifier



- Please use High Speed HDMI Cables that have the HDMI logo (as shown on the cover). When outputting 1080p signal, please use HDMI cables 5.0 meters or less. It is recommended that you use Panasonic's HDMI cable.

Recommended part number:

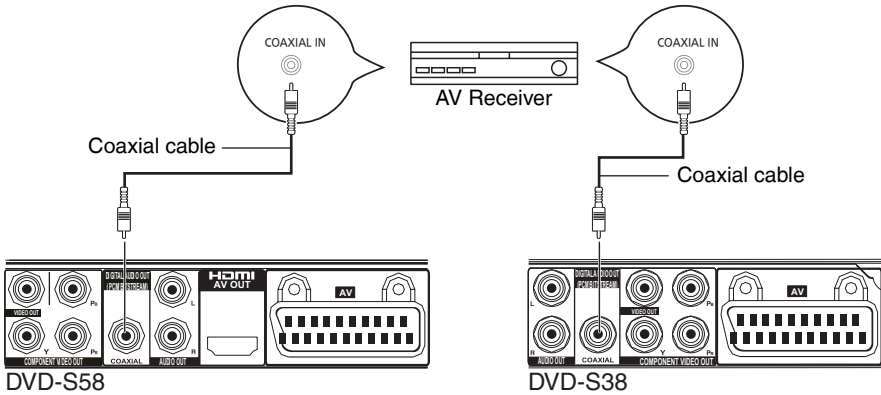
RP-CDHS15 (1.5 m), RP-CDHS30 (3.0 m), RP-CDHS50 (5.0 m), etc.

- Non-HDMI-compliant cables cannot be utilized.
- AUDIO terminals become impossible to use according to the kind of the cable that you use.

Proceed to **DVD Menu Options > {HDMI CEC}**. (→ page 26)

Connections

Connecting digital AV receiver

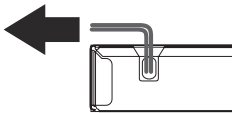


Set the DVD Player's Digital Audio Out to **PCM** or **Bitstream** depending on the capabilities of your Receiver (see DVD Menu options > **{Audio Out}**). (→ page 27)

Tip:

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

Connecting the AC mains lead



FOR THE UNITED KINGDOM, REPUBLIC OF IRELAND, SAUDI ARABIA, KUWAIT AND AFRICA ONLY
READ THE CAUTION FOR THE AC MAINS LEAD ON PAGE 2 BEFORE CONNECTION.

After everything is connected properly, plug in the AC mains lead to the mains socket.

Never make or change any connections with the standby/on switched on.

The socket outlet shall be installed near the equipment and easily accessible. The mains plug of the power supply cord shall remain readily operable. To completely disconnect this apparatus from the AC Mains, disconnect the power supply cord plug from AC receptacle.

- This unit consumes a small amount of AC power even when turned off. In the interest of power conservation, if you will not be using this unit for an extended period of time, it can be disconnected.

Step 1: Selecting the Proper Video Input

- 1 Press **⏻/I** on the DVD player to turn it on.
- 2 Turn on the TV and select the correct video input.
→ The DVD background screen appears on the TV.
- 3 If you are using external equipment, (such as audio system or surround sound receiver), turn it on and select the appropriate input source for the DVD player output. Refer to the equipment user's manual for detail.

Step 2: Setting up Progressive Scan feature

(for Progressive Scan TV only)

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

Before you start...

- Ensure that you have connected this DVD player to a progressive scan TV using the **COMPONENT VIDEO OUT** or **HDMI AV OUT** (DVD-S58 only).
- Ensure that you have completed the basic installation and set-up.

- 1 Turn on your TV.
- 2 Press **⏻** on the remote control to turn on the DVD player.
- 3 Select the correct video Input channel.
→ The DVD background screen appears on the TV.
- 4 Press **SETUP**.
- 5 Press **▲ ▼** to select **{SYSTEM}**, then press **▶**.
- 6 Press **▲ ▼** repeatedly to select **{Video}**, then press **▶**.
- 7 Select **{Progressive}**, then press **OK** to confirm.
→ The menu will appear on the TV.
- 8 Press **◀** to select **{YES}** and press **OK** to confirm.
- 9 If necessary, turn on your TV progressive scan mode (refer to your TV user manual).
→ The setup is now completed and you can enjoy a high quality picture.

To deactivate Progressive Scan manually:

- In Step 7, wait for 15 seconds without doing the procedure after the menu appears for the auto recovery.

Tip:

- *There are some progressive scan TVs and High-Definition TVs that are not fully compatible with this unit, resulting in an unnatural picture when playing back a DVD VIDEO disc in the progressive scan mode. In such a case, turn off the progressive scan feature on both the DVD player and your TV.*

Getting Started

Step 3: Selecting the matching color system

The color system of the DVD player, disc and TV should match in order for the disc to play. Before changing the TV system, determine the color system of your TV.

- 1 Press **SETUP**.
- 2 Press **▲ ▼** to select **{SYSTEM}** and press **▶**.
- 3 Press **▲ ▼** to select **{TV System}** and press **▶**.
- 4 Use **▲ ▼** to select one of the options below:

{NTSC}

Select this if the connected TV has the NTSC color system. It will change the video signal of a PAL disc and output it to NTSC format.

{PAL}

Select this if the connected TV has the PAL color system. It will change the video signal of an NTSC disc and output it to PAL format.

{PAL60}

Select this if the connected TV has the PAL 60 color system. It will change the video signal of an NTSC disc and output it to PAL 60 format.

{Auto}

(For the United Kingdom and Republic of Ireland)

Select this if the connected TV has the PAL color system. It will change the video signal of an NTSC disc and output it to PAL 60 format.

(For others)

Select this if the connected TV is compatible with both NTSC and PAL. The output format will be in accordance with the video signal of the disc.

- 5 Select an item and press **OK**.

Tips:

- Before changing the current TV color setting, ensure that your TV supports the 'selected TV System'.

Step 4: Setting the language

The language options are different depending on your country or region.

On-Screen Display (OSD) Language

The On-screen language for the system menu will remain as you set it, regardless of various disc languages.

- 1 Press **SETUP**.
- 2 Press **▲ ▼** to select **{LANGUAGE}** and press **▶**.
- 3 Press **▲ ▼** to select **{OSD}** and press **▶**.
- 4 Press **▲ ▼** to select a language and press **OK**.

Tips: The underlined option is the factory default setting.
Press **◀** to go back to previous menu item, press **SETUP** to exit the menu item.

Audio, Subtitle and Disc menu languages

You can choose your own preferred language or soundtrack from audio, subtitles and DVD menu languages. If the language selected is not available on the disc, the disc's default language will be used instead.

- ① Press **SETUP**.
- ② Press **▲ ▼** to select **{LANGUAGE}** and press **▶**.
- ③ Press **▲ ▼** to select one of the options below, and press **▶**.
 - {Audio}**
Select this to change disc soundtrack language.
 - {Subtitle}**
Select this to change the subtitle language.
 - {Menu}**
Select this to change the language of the disc menu.
- ④ Press **▲ ▼** to select a language and press **OK** to confirm.
- ⑤ Repeat Steps ③ - ④ for other language settings.

Playback Features

Starting disc playback

- 1 Turn on the TV and select the correct video input.
- 2 Press **⏻/I** to turn on the DVD player.
- 3 Press **OPEN/CLOSE ▲** to open the disc tray.
- 4 Place a disc into the disc tray with the label facing up, then press **OPEN/CLOSE ▲** to close the disc tray.
→ For double-sided discs, load the side which you want to play facing up.
- 5 Playback may start automatically. If not, press **PLAY/PAUSE ▶/II**.
 - If a disc menu appears on the TV, see next page > Using the disc menu.
 - If the child lock was activated for the inserted disc, you have to enter your four-digit password (see DVD Menu options > **Password**). (→ page 29)
 - See the next few pages for other playback features under 'Playback features'.

Tips:

- Do not overturn the DVD player while disc loading, playing or ejecting.
- Do not close the disc tray manually even if the standby/on switched off.

Basic playback controls

Unless otherwise stated, all operations described are based on remote control use.

Pausing playback

- 1 During playback, press **PLAY/PAUSE ▶/II** to pause playback and display a still picture.
→ Sound will be muted.
- 2 To resume normal playback, press **PLAY/PAUSE ▶/II** again.

Skipping title/chapter/track

To select sequentially

- Press **SKIP |◀◀ / ▶▶|** to go to the previous or next title/chapter/track.

To select directly (chapter/track only)

- Use the **numeric keypad (0-9)** to enter valid chapter/track number.
e.g., 5: 5
15: ≥10 → 1 → 5

Stopping playback

- Press **STOP ■**.
→ The stopped position is memorized.

Resume play function

Press **PLAY/PAUSE ▶/II** to restart from this position.

- The position is cleared if the tray is opened or you press **STOP ■** several times to display '■' on TV's display.

Tips:

- Screen saver will start automatically if the disc playback is stopped for about 5 minutes.
- The player will automatically switch to Power Standby mode if you do not press any buttons for about 25 minutes after the disc has stopped playing (only when {Auto Power Off} is set to {On}) (→ page 26).

Tips: The operating features described here might not be possible for certain discs. Always refer to the instructions supplied with the discs.

Operations for video playback (DVD/VCD/SVCD)

Using the disc menu

Depending on the disc, a menu may appear on the TV screen once you load in the disc.

To select a playback feature or item

- Use ◀▶ ▲ ▼ keys then press **OK** or **numeric keypad (0-9)** on the remote to start playback.

To access or remove the menu

- Press **MENU**.

Zooming in

This function allows you to enlarge the picture on the TV screen and to pan through the enlarged picture.

- ① During playback, press **ZOOM** repeatedly to display the picture with different scales.
→ Use ◀▶ ▲ ▼ keys to pan through the enlarged picture.
→ Playback will continue.
- ② Press **ZOOM** repeatedly to return to the original size.

Forward/Reverse Searching

You can fast forward or fast reverse a disc during playback and select a desired search speed.

For DVD, VCD, SVCD, CD

- ① Press ◀◀ or ▶▶ once or more during playback to select the required speed: X2, X4, X8, X20 (backward or forward).
→ Sound will be muted (DVD/VCD/CD).
- ② To return to normal speed, press **PLAY/PAUSE ▶/II**.

Slow motion playback

- ① Press **SLOW** repeatedly to select the required speed.
- ② To return to normal speed, press **PLAY/PAUSE ▶/II**.

Tips: The operating features described here might not be possible for certain discs. Always refer to the instructions supplied with the discs.

Playback Features

Viewing the disc playback information

You can view the disc information (such as current title/chapter/track number, current playing time on the disc) without interrupting the disc playback.

- During playback, press **DISPLAY** repeatedly.
➔ A list of available current disc information appears on the TV screen.

Selecting title/chapter/track on the disc information

- 1 Press **SEARCH MODE**, then use ◀▶ keys to select an option.
- 2 Use **numeric keypad (0-9)** to enter valid title/chapter/track number or hours, minutes and seconds from left to right in the time edit box, then press **OK**. Playback will change to the chosen time or to the selected title/chapter/track.

For DVD

{TT XX/XX CH XXX/XXX}: displays the total available title and chapters in the disc and enables you to select a chapter for viewing.

{⌚ XX:XX:XX}: displays the elapsed play time in the disc and enables you to select the hour, minute and second for viewing.

For Super VCD or VCD

{TRK XX/XX}: displays the total available tracks in the disc and enables you to select a track for viewing.

{⌚ XX:XX:XX}: displays the elapsed play time in the disc and enables you to select the hour, minute and second for viewing.

Repeat play modes

The repeat play options vary depending on the disc type.

Press **REPEAT** repeatedly to select the following repeat modes.

For DVD

- REP CHAPTER (currently playing chapter)
- REP TITLE (currently playing title)
- REP ALL (entire disc)
- REP OFF (cancel)

For VCD, Audio CD

- REP 1 (currently playing track)
- REP ALL (entire disc)
- REP OFF (cancel)

Tip:

- For VCD, repeat playback is not possible if the PBC mode is switched on.

Repeating a section within a chapter/track

You can repeat the playback of a specific segment within a title/chapter/track. To do this, you must mark the start and end of the segment you want.

- 1 Press **A-B REPEAT** to choose your starting point 'REPEAT A-'.
2 Press **A-B REPEAT** again at your chosen end point 'REPEAT A-B'.
➔ The section from point 'REPEAT A-' to 'REPEAT A-B' will now repeat continuously.
- 3 Press **A-B REPEAT** the third time to exit (A-B CANCEL).

Tips: The operating features described here might not be possible for certain discs. Always refer to the instructions supplied with the discs.

Special Features

Changing the Audio Language

For DVD

- Press **AUDIO** repeatedly to select the audio language that the DVD title being viewed offers.

For VCD

- Press **AUDIO** repeatedly to select the audio channel (Stereo, Mono L, Mono R, Mix Mono).

Subtitles

- Press **SUBTITLE** repeatedly to select the subtitle language.

Angle

- Press **ANGLE** repeatedly to select the angle.

Frame by frame

- 1 Press **FRAME II** to advance a disc frame by frame ahead.
- 2 To resume normal playback, press **PLAY/PAUSE**.

Random playback

- Press **RANDOM** to start playback in random order.

Program playback

- 1 Press **PROGRAM**.
→ The program menu appears on the TV screen.
- 2 Use **▲ ▼ ◀ ▶** keys to select an option.
- 3 Use **numeric keypad (0-9)** to enter valid title/chapter/track number.
To cancel: Press **CANCEL**.
- 4 Use **▲ ▼ ◀ ▶** keys to select '**PLAY**', and press **OK**.

To clear the whole program

- In Step 3, use **▲ ▼ ◀ ▶** keys to select '**CLEAR**', and press **OK**.

Special VCD & SVCD Features

Playback Control

For VCD with Playback Control (PBC) feature (version 2.0 only)

- Press **MENU** to toggle between '**PBC: On**' and '**PBC: Off**'.
→ If you select '**PBC: On**', the disc menu (if available) will appear on the TV.
→ Use the **SKIP ◀◀ / ▶▶** to turn to previous/next page or use the **Numeric keypad (0-9)** to select a play option.

If you want to skip the index menu and playback directly from the beginning

- Press **MENU** to select '**PBC: Off**'.

Playback Features

Playing MP3/JPEG

General Operation

- 1 Load an MP3/JPEG disc.
→ The data disc menu appears on the TV screen.
- 2 Press ◀▶ to select the menu and press **OK**.
- 3 Press ▲▼ to select the folder, and press **OK**.
- 4 Press ▲▼ to select a track/file, and press **OK**.
→ Playback will start.

(JPEG only)

- In Step 4, when you press **MENU** instead of **OK**, thumbnail pictures will appear. Use ▲▼◀▶ to select one of the pictures, and press **OK** to start playback.
- In Step 4, when you press **PLAY/PAUSE** ▶/|| instead of **OK**, you can start the slide show.

Playing MP3 music and JPEG picture simultaneously (DVD-S58 only)

- When you start JPEG playback by using a disc that contains MP3 music and JPEG picture files, you can listen to MP3 music simultaneously.

Tip:

- Some files on JPEG disc may be distorted during playback due to the configuration and characteristics of the disc.
- During simultaneous playback, it is not possible to select a file of MP3.
- During simultaneous playback, fast forward/reverse or slow forward is not available.

Playback selection

During playback, you can;

- Press **SKIP** ◀◀/▶▶ to select another track/file in the current folder.
- Press **PLAY/PAUSE** ▶/|| repeatedly to pause/resume playback.

Repeat

Press **REPEAT** repeatedly to select the following repeat modes.

REP 1

- Keep a JPEG image still on the screen or play an MP3 file repeatedly.

REP DIR

- Play all the same type of files in the selected folder repeatedly.

REP ALL

- Play all the same type of files on the discs.

REP OFF

- Turn off REPEAT mode.

Zooming Picture (JPEG)

- 1 During playback, press **ZOOM** repeatedly to display the picture with different scales.
→ Use ◀▶▲▼ keys to pan through the enlarged picture.
- 2 Press **ZOOM** repeatedly to return to the original size.

Playback with Multi-angle (JPEG)

- During playback, press ▲▼◀▶ to rotate the picture on the TV screen.
▲ : reverse the picture up and down by 180°
▼ : reverse the picture right and left by 180°
◀ : rotate the picture anti-clockwise by 90°
▶ : rotate the picture clockwise by 90°

Tip:

- It may not be possible to play certain JPEG discs due to the configuration and characteristics of the disc or condition of the recording.

Tips: The operating features described here might not be possible for certain discs. Always refer to the instructions supplied with the discs.

Playing a DivX® disc

ABOUT DIVX VIDEO:

DivX® is a digital video format created by DivX, Inc. This is an official DivX Certified device that plays DivX video. Visit www.divx.com for more information and software tools to convert your files into DivX video.

- ① Load a DivX disc.
→ The data disc menu appears on the TV screen.
- ② Press ◀▶ to select the menu and press **OK**.
- ③ Press ▲ ▼ to select the folder, and press **OK**.
- ④ Press ▲ ▼ to select a file, and press **PLAY/PAUSE ▶/II**.
→ Playback will start.

ABOUT 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 the device setup menu.

Go to vod.divx.com with this code to complete the registration process and learn more about DivX VOD.

- *You can only play DivX videos that were rented or purchased with the DivX registration code of this DVD player. For details, DVD Menu Options > {DivX(R) VOD} (→ page 29).*

Regarding DivX VOD content that can only be played a set number of times

Some DivX VOD content can only be played a set number of times. When you play this content, the remaining number of plays is displayed. You cannot play this content when the number of remaining plays is zero.

- *The remaining number of plays decreases each time a program is played. However, when playing from the point where play was previously stopped, the remaining number of plays does not decrease due to the resume play function.*

Displaying subtitles text (For the United Kingdom and Republic of Ireland only)

You can display subtitles text onto the DivX video disc on this unit. This function has no relation to the subtitles specified in DivX standard specifications and has no clear standard. The operation might be different or it may not operate properly depending on the way the file was made or the state of this unit (playing, stopped, etc.). See Subtitles (→ page 21).

Tip:

- *Subtitle files with the following filename extensions (.srt, .sub, .txt) are supported but do not appear on the file selection menu.*
- *The subtitle file name has to be saved under the same file name as the movie in the same folder.*
- *If the subtitle does not appear correctly, change the subtitle language. For details, DVD Menu Options > {DivX Subtitle} (→ page 27).*

Tips: The operating features described here might not be possible for certain discs. Always refer to the instructions supplied with the discs.

Playback Features

Use HDMI CEC protocol

(DVD-S58 only)

The DVD player supports HDMI CEC (Consumer Electronics Control) protocol. Panasonic does not guarantee 100% interoperability with all HDMI CEC devices.

- 1 Turn on the HDMI CEC operations on the TV and other connected devices. See TVs/devices manual for details.
- 2 You can now enjoy the following HDMI CEC controls.

One Touch Play

When you press \odot , it turns on the TV and this DVD player, then disc play starts.

- *To enable One-touch play, a video disc must be placed in the disc compartment before operation.*

System Standby

When you turn off the TV, all connected HDMI CEC devices switch to standby mode simultaneously.

Control with TV's remote control

Playback Control

You can play discs.

Disc Menu Control

By displaying the disc menu, you can play discs using the disc menu.

Device Select

When you select this unit as an input source, this unit turns on automatically.

Tips:

- *The default setting for HDMI CEC features is on. You can change the default setting, see DVD Menu options > {HDMI CEC}. (→ page 26)*

Tips: The operating features described here might not be possible for certain discs. Always refer to the instructions supplied with the discs.

This DVD Player setup is carried out via the TV, enabling you to customize the DVD player to suit your particular requirement.

Using the System setup menu

- 1 Press **SETUP**.
- 2 Press **▲ ▼** to select '**SYSTEM**' and press **▶**.
- 3 Press **▲ ▼** to select below items and press **▶** to confirm your selection.

TV System

This menu contains the options for selecting the color system that matches the connected TV. For details, see Getting started > Step 3 for details. (→ page 16)

Screen Saver

- 1 In '**SYSTEM**', press **▲ ▼** to select **{Screen Saver}**, then press **▶**.
- 2 Press **▲ ▼** to select one of the options below:
{On}
Select this if the unit starts the screen saver after about 5 minutes in the stop mode.
{Off}
Select this to disable the screen saver.

Video

- 1 In '**SYSTEM**', press **▲ ▼** to select **{Video}**, then press **▶**.
- 2 Press **▲ ▼** to select one of the options below:
{Interlace}
Select when a TV is connected that can receive an interlace signal.
{Progressive}
Select when a TV is connected that can received a progressive signal.
{RGB/SCART}
(For the United Kingdom and Republic of Ireland only)
Select when a TV is connected by using the 21-pin SCART cable.
- 3 Press **▲ ▼** to select a setting and press **OK** to confirm.

Tips: The underlined option is the factory default setting.
Press **◀** to go back to previous menu item, press **SETUP** to exit the menu item.

DVD Menu Options

Resolution

(DVD-S58 only)

Select a video resolution that is compatible with the TV display capability.

- 1 In '**SYSTEM**', press ▲ ▼ to select **{Resolution}**, then press ►.

{Auto}

It detects and selects the best supported video resolution automatically.

{480P/576P}, **{720P}**, **{1080i}**, **{1080P}**

Select a video resolution that best supported by the TV. See the TVs manual for details.

- 2 Press ▲ ▼ to select a setting and press **OK** to confirm.

HDMI CEC

(DVD-S58 only)

This feature is only applicable when you connect this DVD player and TV with a HDMI cable. See Playback features > Use HDMI CEC protocol (→ page 24).

- 1 In '**SYSTEM**', press ▲ ▼ to select **{HDMI CEC}**, then press ►.

{On}

Select this to use HDMI CEC protocol.

{Off}

Select this to deactivate HDMI CEC protocol.

- 2 Press ▲ ▼ to select a setting, then press **OK** to confirm your selection.

TV Type

Set the TV Type on the DVD player according to the TV you have connected.

The format you select must be available on the disc. If it is not, the setting for TV display will not affect the picture during playback.

- 1 In '**SYSTEM**', press ▲ ▼ to select **{TV Type}**, then press ►.

- 2 Press ▲ ▼ select one of the options below: **{4:3PS}***

Select this if you have a normal TV and want both sides of the picture to be trimmed or formatted to fit your TV screen.

{4:3LB}

Select this if you have a normal TV. In this case a wide picture with black bands on the upper and lower portions of the TV screen will be displayed.

{16:9}

Select this if you have a wide screen TV. Video recorded for 4:3 aspect screen is displayed as a 4:3 ratio image in the center of the screen.

* (For Australia and New Zealand: "16:9" is the the factory default setting.)

{16:9full}

Select this if you have a wide screen TV. Video recorded for 4:3 aspect screen is displayed as a horizontally stretched 16:9 image.

- 3 Press ▲ ▼ to select a setting, then press **OK** to confirm your selection.

Auto Power Off

The unit switches to standby mode after about 25 minutes in the stop mode.

- 1 In '**SYSTEM**', press ▲ ▼ to select **{Auto Power Off}**, then press ►.

{On}

Select this to activate.

{Off}

Select this to deactivate.

- 2 Press ▲ ▼ to select a setting, then press **OK** to confirm your selection.

Tips: The underlined option is the factory default setting.
Press ◀ to go back to previous menu item, press **SETUP** to exit the menu item.

Using the Language setup menu

The language options are different depending on your country or region.

- 1 Press **SETUP**.
- 2 Press **▲ ▼** to select **{LANGUAGE}** and press **▶**.
- 3 Press **▲ ▼** to select below items and press **▶** to confirm your selection.

OSD Language

This menu contains various language options for display language on the screen. See Getting Started > Step 4 for details.

Audio, Subtitle, Menu Language

These menus contain various language options for audio, subtitle and disc menu which may be recorded on the DVD. See Getting Started > Step 4 for details.

DivX Subtitle

(For the United Kingdom and Republic of Ireland only)

You can set the font type that supports the recorded DivX subtitle.

- 1 In '**LANGUAGE**', press **▲ ▼** to select **{DivX Subtitle}**, then press **▶**.
{Latine 1}, **{Latine 2}**, **{Cyrillic}**, **{Turkish}**
Select the font type for the recorded title.
- 2 Press **▲ ▼** to select a setting, then press **OK** to confirm your selection.

Using the Audio setup menu

- 1 Press **SETUP**.
- 2 Press **▲ ▼** select **{AUDIO}** and press **▶**.
- 3 Press **▲ ▼** to select below items and press **▶** to confirm your selection.

Audio Out

Set this if you connect a digital AV receiver.

- 1 In '**AUDIO**', press **▲ ▼** to select **{Audio Out}**, then press **▶**.

{Bitstream}

Select this if the connected device has a built-in multichannel decoder that supports one of the multichannel audio format (Dolby Digital, DTS).

{PCM}

Select this if the connected device is not capable of decoding multichannel audio. The DVD player will convert the Dolby Digital multichannel signals to PCM (Pulse Code Modulation).

- 2 Press **▲ ▼** to select a setting, then press **OK** to confirm your selection.

Dynamic Range

Adjusts for clarity even when the volume is low through compressing the range of the lowest sound level and the highest sound level. Convenient for late night viewing. (Only works with Dolby Digital)

- 1 In '**AUDIO**', press **▲ ▼** to select **{Dynamic Range}**, then press **▶**.
- 2 Press **▲ ▼** to select a setting, then press **OK** to confirm your selection.

Tips: The underlined option is the factory default setting.
Press **◀** to go back to previous menu item, press **SETUP** to exit the menu item.

DVD Menu Options

Using the Video setup menu

- 1 In disc mode, press **SETUP**.
- 2 Press **▲ ▼** to select {**VIDEO**} and press **▶**.
- 3 Press **▲ ▼** to select below items and press **▶** to confirm your selection.

Brightness/Contrast

Increasing the value will brighten the picture or vice versa.

- 1 In '**VIDEO**', press **▲ ▼** to select {**Brightness**} or {**Contrast**}, then press **▶**.
→ The menu appears.
- 2 Press **▲ ▼** to adjust the setting that best suit your personal preference.
- 3 Press **OK** to confirm.

Hue

- 1 In '**VIDEO**', press **▲ ▼** to select {**Hue**}, then press **▶**.
- 2 Press **▲ ▼** to move the slider to adjust the hue of the video output.
- 3 Press **OK** to confirm.

Saturation

- 1 In '**VIDEO**', press **▲ ▼** to select {**Saturation**}, then press **▶**.
- 2 Press **▲ ▼** to move the slider to adjust the saturation of the video output.
- 3 Press **OK** to confirm.

Sharpness

You can personalize picture color by adjusting sharpness.

- 1 In '**VIDEO**', press **▲ ▼** to select {**Sharpness**}, then press **▶**.
- 2 Press **▲ ▼** to select a setting, then press **OK** to confirm your selection.

Using the Other setup menu

- 1 Press **SETUP**.
- 2 Press **▲ ▼** to select {**OTHER**} and press **▶**.
- 3 Press **▲ ▼** to select below items and press **▶** to confirm your selection.

Rating

This feature lets you set a playback limitation level. The rating levels are from 0 to 8 and are country dependent. You can prohibit the playing of certain discs that are not suitable for your children or have certain discs played with alternative scenes.

- Unlock the disc by entering the four-digit password before you can access the {**Rating**} menu.
- 1 In '**OTHER**', press **▲ ▼** to select {**Password**}, then press **▶**.
 - 2 Use the **numeric keypad (0-9)** to enter the four-digit password, then press **OK** (see **Password**) (→ page 29).
 - 3 Press **▲** to select {**Rating**}, then press **▶**.
 - 4 Press **▲ ▼** to select a rating level for the disc inserted and press **OK**.
→ To disable parental controls and have all discs play, select {**8 No Limit**}.
- DVDs that are rated above the level you selected will not be played unless you enter your four-digit password.

Tips:

- This feature will not limit viewing if the disc manufacturer did not code the disc.
- VCD, SVCD, CD have no level indication, so parental control has no effect on these type of discs. This also applies to most illegal DVDs.
- Some DVDs are not coded with a rating though the movie rating may be printed on the disc cover. The rating level feature does not prohibit play of such discs.

Tips: Press **◀** to go back to previous menu item, press **SETUP** to exit the menu item.

Password

You need to enter a four-digit password to play a prohibited disc or if prompted for a password.

If the disc is locked, set the Rating to (8 No Limit) to have all discs play.

- 1 In '**OTHER**', press **▲ ▼** to select **{Password}**, then press **►**.
→ You will be prompted to enter your four-digit password.
- 2 Use the **numeric keypad (0-9)** to enter your old four-digit password, then press **OK**.
→ When doing this for the first time, key in '0000'.
If you forget your old four-digit password, key in '0000'.
- 3 Press **►**, then enter the new four-digit password.
- 4 Press **OK** to confirm.

DivX(R) VOD

DivX VOD (Video On Demand) registration code allows you to rent and purchase movies using the DivX VOD service from the internet. For more information, visit website; <http://vod.divx.com>.

- 1 In '**OTHER**', press **▲ ▼** to select **{DivX(R) VOD}**, then press **►**.
The registration code will appear.
- 2 Use the registration code to rent or purchase the movies from DivX VOD service at <http://vod.divx.com>. Follow the instructions and download the movie from your computer onto a disc for playback on this DVD player.

Tip:

- All the downloaded movies from DivX VOD can only be played back on this DVD player.

Default

Setting the Default function will reset all options and your personal settings to the factory defaults, including your password for rating.

- 1 In '**OTHER**', press **▲ ▼** to select **{Password}**, then press **►**.
- 2 Use the **numeric keypad (0-9)** to enter the four-digit password, then press **OK** (see **Password**).
- 3 Press **▼** to select **{Default}**, then press **►** to select **{Restore}**.
- 4 Press **OK** to confirm.
→ All settings will now reset to factory defaults.

Specifications

[For the United Kingdom and Republic of Ireland]

Signal system: PAL/NTSC
Operating temperature range: +5 °C to +35 °C
Operating humidity range: 20 % to 80 % RH (no condensation)

Video output:

Output level: 1.0 Vp-p (75 Ω)
Output connector: Pin jack (1 system)
AV (21 pin) (1 system)

Component video output:

(480p/480i: 60 Hz)
(576p/576i: 50 Hz)
Y output level: 1.0 Vp-p (75 Ω)
P_B output level: 0.7 Vp-p (75 Ω)
P_R output level: 0.7 Vp-p (75 Ω)
Output connector: Pin jack (Y: green, P_B: blue, P_R: red)

RGB output:

Output level: 0.7 Vp-p (75 Ω)
Output connector: AV (21 pin) (1 system)

Audio output:

Output level: 2 Vrms (1 kHz, 0 dB)
Output connector: Pin jack (1 system)
AV (21 pin) (1 system)
Number of connectors : 2 channel

Digital audio output:

Coaxial digital output: Pin jack

[DVD-S58] HDMI AV output:

Output format: 1080p/1080i/720p/576p/480p
Output connector: Type A (19 pin)
• This unit supports “HDMI CEC” function.

LASER Specification

Class I LASER Product:

Wave Length: 770 to 800 nm (CD)/645 to 660 nm (DVD)

Power supply:

AC 230 to 240 V, 50 Hz

Power consumption:

Approx. 10 W

Power consumption in standby mode:

Less than 1 W

Dimensions (W x D x H):

[DVD-S58]: 430 mm x 209 mm x 38 mm
[DVD-S38]: 360 mm x 209 mm x 38 mm

Mass: [DVD-S58] Approx. 1.8 kg
[DVD-S38] Approx. 1.6 kg

Specifications are subject to change without notice.

[For others]

Signal system: PAL/NTSC
Operating temperature range: +5 °C to +35 °C
Operating humidity range: 20 % to 80 % RH (no condensation)

Video output:

Output level: 1.0 Vp-p (75 Ω)
Output connector: Pin jack (1 system)

Component video output:

(480p/480i: 60 Hz)
(576p/576i: 50 Hz)
Y output level: 1.0 Vp-p (75 Ω)
P_B output level: 0.7 Vp-p (75 Ω)
P_R output level: 0.7 Vp-p (75 Ω)
Output connector: Pin jack (Y: green, P_B: blue, P_R: red)

Audio output:

Output level: 2 Vrms (1 kHz, 0 dB)
Output connector: Pin jack (1 system)
Number of connectors : 2 channel

Digital audio output:

Coaxial digital output: Pin jack

[DVD-S58] HDMI AV output:

Output format: 1080p/1080i/720p/576p/480p
Output connector: Type A (19 pin)
• This unit supports “HDMI CEC” function.

LASER Specification

Class I LASER Product:

Wave Length: 770 to 800 nm (CD)/645 to 660 nm (DVD)

Power supply:

[Australia and New Zealand]
AC 230 to 240 V, 50 Hz
[Saudi Arabia, Kuwait and Africa]

AC 220 to 240 V, 50/60 Hz

[India] AC 230 V, 50/60 Hz

[Others] AC 110 to 240 V, 50/60 Hz

Power consumption:

Approx. 10 W

Power consumption in standby mode:

Less than 1 W

Dimensions (W x D x H):

[DVD-S58]: 430 mm x 209 mm x 38 mm
[DVD-S38]: 360 mm x 209 mm x 38 mm















Mass: [DVD-S58] Approx. 1.8 kg
[DVD-S38] Approx. 1.6 kg

Specifications are subject to change without notice.

Before requesting service, make the following checks. If you are in doubt about some of the check points, or if the remedies indicated in the chart do not solve the problem, consult your dealer for instructions.

Problem	Solution
No power.	<ul style="list-style-type: none">– Press \odot/I on the front of the DVD player to turn on the system.– Make sure the AC mains socket has power.
Remote control does not work.	<ul style="list-style-type: none">– Aim the remote control directly at the sensor on the front of the DVD player (not towards TV).– Remove any obstacles between DVD player and the remote control.– Batteries are weak, replace the batteries.– Check the polarities of the batteries are as indicated on the remote control (\pm signs).
No picture.	<ul style="list-style-type: none">– Turn on your TV and set to the correct Video In channel for the DVD player.– Check the video connection between the DVD player and the TV.
The picture is distorted or black & white during playback.	<ul style="list-style-type: none">– The disc does not match with the TV color system standard (PAL/NTSC).– The disc is dirty, clean the disc.– Sometimes a small amount of picture distortion may appear. This is not a malfunction.– Make sure that progressive output has not been selected when the connected television is not progressive compatible. If the connected television is not progressive compatible, connect to television with VIDEO OUT jack (\rightarrow page 11) and set {Video} in DVD Menu Option to {Interlace} (\rightarrow page 25).
No sound.	<ul style="list-style-type: none">– Check the audio connections, the red and white jacks are connected correctly.– Set the Digital output correctly, based on the equipment you connected to the DVD player. (\rightarrow page 27)
The aspect ratio of the screen cannot be changed.	<ul style="list-style-type: none">– The aspect ratio is fixed on the DVD disc.– Depending on the TV, it may not be possible to change the aspect ratio.
Not able to select some items in the setup/system menu.	<ul style="list-style-type: none">– Press STOP \blacksquare twice before selecting the setup/system menu.– Depending on the disc availability, some menu items cannot be selected.

Troubleshooting

Problem	Solution
The DVD player does not start playback.	<ul style="list-style-type: none">- Insert a readable disc with the playback side facing down.- Check the disc type, color system (PAL/NTSC) and region code.- Check for any scratches or smudges on the disc.- Press SETUP to turn off the setup menu screen.- You may need to enter the password in order to change the parental rating level or to unlock the disc for playback.- Moisture may have condensed inside the system. Remove the disc and leave the system turned on for about an hour.- Disconnect the AC mains lead from the mains socket for a few minutes. Reconnect the AC mains lead and try to operate again as usual.
Picture freezes momentarily during playback.	<ul style="list-style-type: none">- Check the disc for fingerprint/scratches and clean with a soft cloth wiping from center to edge.
Unable to select Progressive Scan on/ off.	<ul style="list-style-type: none">- Check that the output of the video signal is turn to {Progressive}.
Images from this DVD player do not appear on the television. You forget your password.	<ul style="list-style-type: none">- Reset the DVD player to the factory defaults. 1) Press /I on the DVD player to turn it on. 2) Press OPEN/CLOSE  to open the disc tray. 3) Press and hold  and  on the DVD player at the same time for more than 5 seconds with the tray open. All the settings return to the factory preset.
When the following messages on the unit's display.	<ul style="list-style-type: none">- Loading the disc. Wait a moment.- Stopping the playback. Press PLAY/PAUSE / .- Insert a readable disc with the playback side facing down.- Press OPEN/CLOSE  to close the tray.- Press    to select the title, then press OK.
 (LOAD)	
 (STOP)	
	
 (OPEN)	
 (TITLE)	

Analogue: Sound that has not been turned into numbers. Analogue sound varies, while digital sound has specific numerical values. These jacks send audio through two channels, the left and right.

Aspect ratio: The ratio of vertical and horizontal sizes of a displayed image. The horizontal vs. vertical ratio of conventional TVs is 4:3, and that of wide screens is 16:9.

AUDIO OUT jacks: Jacks on the back of the DVD System that send audio to another system (TV, Stereo, etc.).

Bit Rate: The amount of data used to hold a given length of music; measured in kilobits per seconds, or kbps. Or, the speed at which you record. Generally, the higher the bit rate, or the higher the recording speed, the better the sound quality. However, higher bit rates use more space on a disc.

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 enabling you to locate the chapter you want.

Component Video Out jacks: Jacks on the back of the DVD System that send high-quality video to a TV that has Component Video In jacks.

Disc menu: A screen display prepared for allowing of selection of images, sound, subtitle, multi-angles etc. recorded on the DVD.

Digital: Sound that has been converted into numerical values. Digital sound is available when you use the DIGITAL AUDIO OUT COAXIAL jack. These jacks send audio through multiple channels, instead of just two channels as analogue does.

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

HDMI (High-Definition Multimedia Interface): HDMI is a digital interface for consumer electronic products. Unlike conventional connections, it transmits uncompressed digital video and audio signals on a single cable.

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.

Multichannel: DVD is specified to have each soundtrack constitute one sound field. Multichannel refers to a structure of soundtracks having three or more channels.

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.

PCM (Pulse Code Modulation): A system for converting analogue sound signal to digital for later processing, with no data compression used in conversion.

Playback control (PBC): Refers to the signal recorded on Video CDs or SVCDs for controlling reproduction. By using menu screens recorded on a Video CD or SVCD that supports PBC, you can enjoy interactive-type software as well as software having a search function.

Progressive Scan: It displays all the horizontal lines of a picture at one time, as a signal frame. This system can convert the interlaced video from DVD into progressive format for connection to a progressive display. It dramatically increases the vertical resolution.

Region Code: A system for allowing discs to be played back only in the region designated beforehand. This unit will only play discs that have compatible region codes. You can find the region code of your unit by looking on the product label. Some discs are compatible with more than one region (or All regions).

Title: The longest section of a picture or music feature on DVD, music, etc., in video software, or the entire album in audio software. Each title is assigned a title number enabling you to locate the title you want.

VIDEO OUT jack: Jack on the back of the DVD System that sends video to a TV.

WARNING:

TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK OR PRODUCT DAMAGE,

- **DO NOT EXPOSE THIS APPARATUS TO RAIN, MOISTURE, DRIPPING OR SPLASHING AND THAT NO OBJECTS FILLED WITH LIQUIDS, SUCH AS VASES, SHALL BE PLACED ON THE APPARATUS.**
- **USE ONLY THE RECOMMENDED ACCESSORIES.**
- **DO NOT REMOVE THE COVER (OR BACK); THERE ARE NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.**

CAUTION!

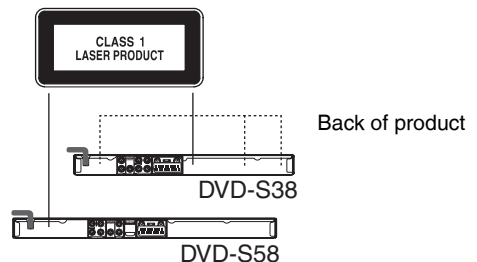
- **DO NOT INSTALL OR PLACE THIS UNIT IN A BOOKCASE, BUILT-IN CABINET OR IN ANOTHER CONFINED SPACE. ENSURE THE UNIT IS WELL VENTILATED. TO PREVENT RISK OF ELECTRIC SHOCK OR FIRE HAZARD DUE TO OVERHEATING, ENSURE THAT CURTAINS AND ANY OTHER MATERIALS DO NOT OBSTRUCT THE VENTILATION VENTS.**
- **DO NOT OBSTRUCT THE UNIT'S VENTILATION OPENINGS WITH NEWSPAPERS, TABLECLOTHS, CURTAINS, AND SIMILAR ITEMS.**
- **DO NOT PLACE SOURCES OF NAKED FLAMES, SUCH AS LIGHTED CANDLES, ON THE UNIT.**
- **DISPOSE OF BATTERIES IN AN ENVIRONMENTALLY FRIENDLY MANNER.**

CAUTION!

THIS PRODUCT UTILIZES A LASER. USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE. DO NOT OPEN COVERS AND DO NOT REPAIR YOURSELF. REFER SERVICING TO QUALIFIED PERSONNEL.

This product may receive radio interference caused by mobile telephones during use. If such interference is apparent, please increase separation between the product and the mobile telephone.

(For the United Kingdom, Republic of Ireland, Australia and New Zealand)
THIS UNIT IS INTENDED FOR USE IN MODERATE CLIMATES.
(For others)
THIS UNIT IS INTENDED FOR USE IN TROPICAL CLIMATES.



Illustrations show the model for the United Kingdom and Republic of Ireland.

Information for Users on Collection and Disposal of Old Equipment and used Batteries



These symbols on the products, packaging, and/or accompanying documents mean that used electrical and electronic products and batteries should not be mixed with general household waste.



For proper treatment, recovery and recycling of old products and used batteries, please take them to applicable collection points, in accordance with your national legislation and the Directives 2002/96/EC and 2006/66/EC.

By disposing of these products and batteries correctly, you will help to save valuable resources and prevent any potential negative effects on human health and the environment which could otherwise arise from inappropriate waste handling.

For more information about collection and recycling of old products and batteries, please contact your local municipality, your waste disposal service or the point of sale where you purchased the items.

Penalties may be applicable for incorrect disposal of this waste, in accordance with national legislation.



For business users in the European Union

If you wish to discard electrical and electronic equipment, please contact your dealer or supplier for further information.

[Information on Disposal in other Countries outside the European Union]

These symbols are only valid in the European Union. If you wish to discard these items, please contact your local authorities or dealer and ask for the correct method of disposal.



Note for the battery symbol (bottom two symbol examples):

This symbol might be used in combination with a chemical symbol. In this case it complies with the requirement set by the Directive for the chemical involved.

Cd



Panasonic Corporation

Web Site: <http://panasonic.net>

EU

Pursuant to at the directive 2004/108/EC, article 9(2)

Panasonic Testing Centre

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En

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