

Panasonic®

Operating Instructions

DVD / CD Player
Model No. **DVD-S48**
DVD-S68



DVD-S68



Getting started

Operations

Reference

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.



Model number suffix "EB" denotes UK model.

EB GN GA GJ GC GF GW

VQT3L81



Caution for AC Mains Lead

(For the United Kingdom, 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

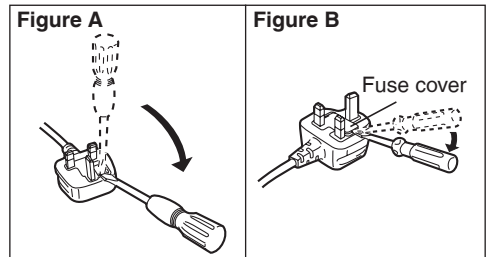
Remove the connector cover.

How to replace the fuse

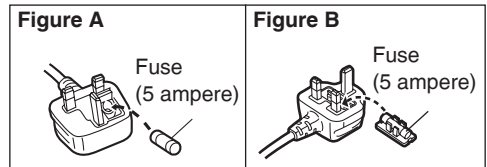
The location of the fuse differ according to the type of AC mains plug (figures A and B). Confirm the AC mains plug fitted and follow the instructions below.

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.



Safety precautions

WARNING

Unit

- To reduce the risk of fire, electric shock or product damage,
 - Do not expose this unit to rain, moisture, dripping or splashing.
 - Do not place objects filled with liquids, such as vases, on this unit.
 - Use only the recommended accessories.
 - Do not remove covers.
 - Do not repair this unit by yourself. Refer servicing to qualified service personnel.
 - Do not let metal objects fall inside this unit.
 - Do not place heavy items on this unit.

AC mains lead

- To reduce the risk of fire, electric shock or product damage,
 - Ensure that the power supply voltage corresponds to the voltage printed on this unit.
 - Insert the mains plug fully into the socket outlet.
 - Do not pull, bend, or place heavy items on the lead.
 - Do not handle the plug with wet hands.
 - Hold onto the mains plug body when disconnecting the plug.
 - Do not use a damaged mains plug or socket outlet.
- Install this unit so that the AC mains lead can be unplugged from the socket outlet immediately if any problem occurs.

CAUTION

Unit

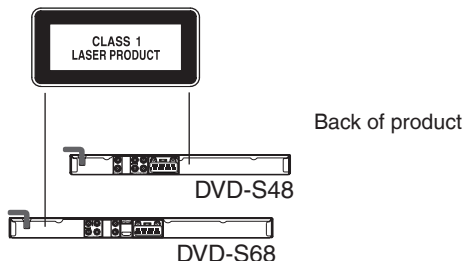
- This unit utilizes a laser. Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.
- This unit may receive radio interference caused by mobile telephones during use. If such interference occurs, please increase separation between this unit and the mobile telephone.
- (For the United Kingdom, 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.

Placement

- Place this unit on an even surface.
- To reduce the risk of fire, electric shock or product damage,
 - Do not install or place this unit in a bookcase, built-in cabinet or in another confined space. Ensure this unit is well ventilated.
 - Do not obstruct this unit's ventilation openings with newspapers, tablecloths, curtains, and similar items.
 - Do not place sources of naked flames, such as lighted candles, on this unit.
 - Do not expose this unit to direct sunlight, high temperatures, high humidity, and excessive vibration.

Batteries

- Danger of explosion if battery is incorrectly replaced. Replace only with the type recommended by the manufacturer.
- When disposing the batteries, please contact your local authorities or dealer and ask for the correct method of disposal.
- Mishandling of batteries can cause electrolyte leakage and may cause a fire.
 - Do not mix old and new batteries or different types at the same time.
 - 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.
 - Do not take apart or short circuit.
 - Do not recharge alkaline or manganese batteries.
 - Do not use batteries if the covering has been peeled off.
 - Remove batteries if you do not intend to use the remote control for a long period of time. Store in a cool, dark place.



Illustrations show the model for the United Kingdom and Ireland. The label position may differ depending on countries.

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General Information

| | |
|--------------------------|---------------------------------------|
| Accessories | |
| <input type="checkbox"/> | 1 Audio/Video cable (K2KA2BA00003) |
| <input type="checkbox"/> | 1 Remote Control (N2QAYA000015) |
| <input type="checkbox"/> | 2 Batteries for remote control |

NOTE

- Product numbers correct as of December 2010. These may be subject to change.

(For the United Kingdom and Ireland customers)

Sales and Support Information

Customer Care Centre

- For customers within the UK: 0844 844 3852
- For customers within 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.

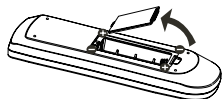
NOTE:

DVD-S68 for the United Kingdom and Ireland is used in the illustrations unless otherwise mentioned.

Illustrations in this manual may differ depending on models and countries.

Inserting the batteries

Insert so the poles (+ and -) match those in the remote control.



R03, AAA
(Manganese batteries)

Region codes

DVD-Video

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.

| Region | Discs that can be played |
|--------------------------------------|---|
| United Kingdom, Ireland, Middle East |   |
| Asia |   |
| Australia, New Zealand |   |
| India |   |

Playable medias

You can play back the following medias:

| | |
|------------------|---|
| DVD Video | DVD-Video format |
| DVD-R | DVD-Video format*1, |
| DVD-R DL | JPEG*2*3, MP3*4, DivX*5*6*7 |
| DVD-RW | DVD-Video format*1 |
| +RW | Video*1 |
| +R | |
| +R DL | |
| CD-Audio | CD-DA, Video CD, Super Video CD |
| CD-R | CD-DA, JPEG*2*3, MP3*4, |
| CD-RW | Video CD, Super Video CD, DivX*5*6*7 |
| USB | MP3*4, JPEG*2*3, DivX*5*6*7 |

*1 Finalizing is necessary.

*2 The file extension has to be '.JPG' or '.JPEG'.

*3 Files that have been altered, edited or saved with computer picture editing software may not be displayed.

*4 The file extension has to be '.mp3'.

*5 The file extension has to be '.DIVX', '.divx', '.AVI', or '.avi'.

*6 Certified to the DivX Home Theater Profile V3.0. GMC (Global Motion Compensation) not supported.

*7 (For the United Kingdom and Ireland)

Subtitle text file is supported.

(For others)

Subtitle text file is not supported.

NOTE

- It may not be possible to play the medias in some cases due to the type of media, the condition of the recording, the recording method and how the files were created.

(For USB devices)

- This unit does not guarantee connection with all USB devices.
- This unit does not support USB device charging.
- FAT12, FAT16 and FAT32 file systems are supported.
- This unit supports USB2.0 High Speed.
- This unit can support an HDD formatted to FAT32. Some types of HDD may require the use of its external power supply unit.

Unit and disc care

Clean this unit with a soft, dry cloth

- Never use alcohol, paint thinner or benzine 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, benzine, 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.

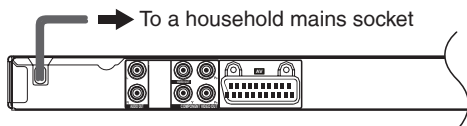
Connections

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

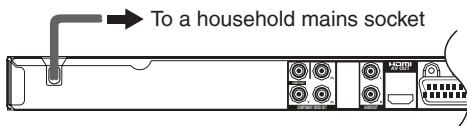
Before making any connections we suggest you temporarily disconnect all the units from AC power.

- Do not place the unit on amplifiers/receivers or equipment that may become hot. The heat can damage the unit.
- Do not connect video signals through a video recorder. Due to copy guard protection the picture may not be displayed properly.

DVD-S48



DVD-S68



NOTE for AC mains lead

- 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.

NOTE for HDMI (DVD-S68 only)

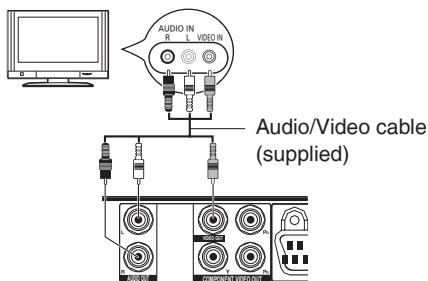
- AUDIO terminals become impossible to use according to the kind of the cable that you use.

NOTE for COMPONENT VIDEO OUT

- Set "Video" to "Progressive" (→ page 11).

DVD-S48

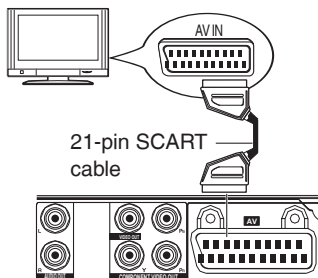
VIDEO OUT



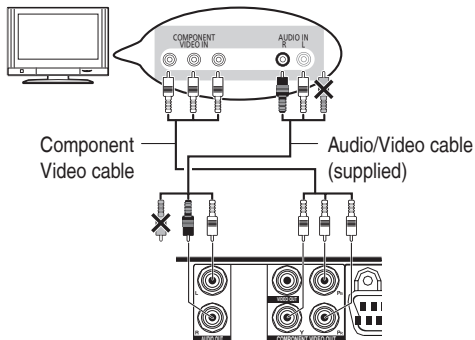
- Connect terminals of the same color.

AV (Scart)

(For the United Kingdom and Ireland only)

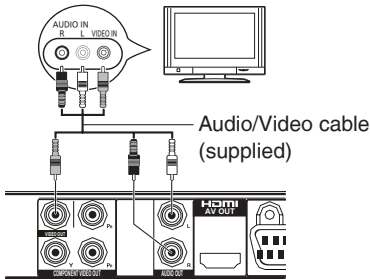


COMPONENT VIDEO OUT



- Connect terminals of the same color.

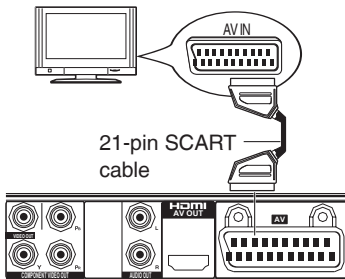
VIDEO OUT



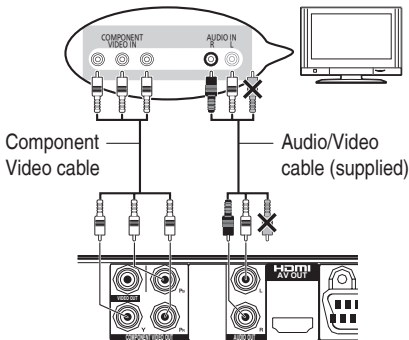
- Connect terminals of the same color.

AV (Scart)

(For the United Kingdom and Ireland only)

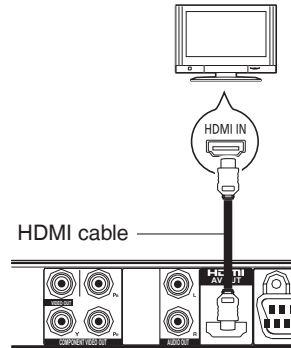


COMPONENT VIDEO OUT

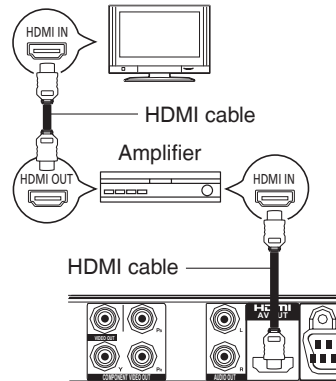


- Connect terminals of the same color.

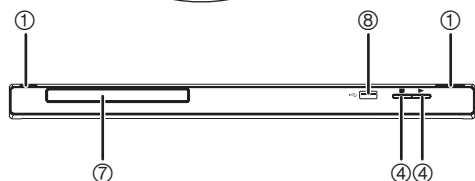
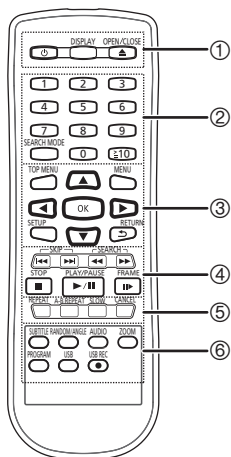
HDMI



With HDMI compatible amplifier



Control guide



① Standby/on switch ϕ , ϕ /I

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.

DISPLAY

Displays information on TV screen during playback.

OPEN/CLOSE \blacktriangle

Opens/closes the disc tray

② 0-9, ≥ 10

To select title/chapter/track numbers etc.

e.g., 5: 5
15: $\geq 10 \rightarrow 1 \rightarrow 5$

SEARCH MODE

Starts to select the point

1. Press \blacktriangle to select the item.
2. Press 0 to 9 to specify the location.
3. Press OK.

③ TOP MENU

Shows Top menu

MENU

- Shows Menu
- Sets PBC of VCD equipped with Playback Control (PBC) function to On/Off

\blacktriangle \blacktriangledown \blacktriangleleft \blacktriangleright

- Selects items, input position, etc.
 - For moving the display position of enlarged images
 - For rotating JPEG images

OK

Confirms menu selection

SETUP

Enters or exits the system setup menu

(\rightarrow page 11)

RETURN \blacktriangleleft

Returns to the previous display

④ SKIP, $\blacktriangleleft\blacktriangleleft$, $\blacktriangleright\blacktriangleright$

- Skips to previous title/chapter/track or next title/chapter/track
- Switches the MENU page of VCD equipped with Playback Control (PBC) function

SEARCH, \blacktriangleleft , \blacktriangleright

Starts fast reverse or fast forward

STOP \blacksquare , \blacksquare

Stops playback

PLAY/PAUSE \blacktriangleright /II

Starts or pauses playback



Starts playback

FRAME II \blacktriangleright

Plays Video frame by frame

⑤ REPEAT

Selects various repeat mode

Selectable modes differ depending on the type of contents. REP DIR plays all the same type of files in the selected folder repeatedly.

A-B REPEAT

Repeats playback from point A to B on a media

SLOW

Starts slow motion playback

CANCEL

Clear the input information

⑥ SUBTITLE

Shows the subtitle and selects different subtitle

RANDOM/ANGLE

Starts random playback/Switches the camera angle

AUDIO

Changes soundtracks

ZOOM

Changes zoom ratio

PROGRAM

Sets the playback order

1. Press \blacktriangle \blacktriangledown \blacktriangleleft \blacktriangleright to select the item.
2. Press 0 to 9 to specify the order.
To cancel: Press **CANCEL**.
3. Press \blacktriangle \blacktriangledown \blacktriangleleft \blacktriangleright to select **PLAY**.
To clear the whole program:
Press \blacktriangle \blacktriangledown \blacktriangleleft \blacktriangleright to select **CLEAR**.

4. Press **OK**.

USB

Switches to the USB mode / Returns to the disc mode

USB REC

Performs USB REC

⑦ Disc tray

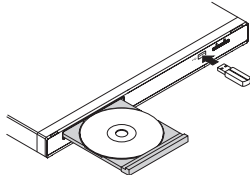
When inserting a media, ensure that it is facing the right way up.

⑧ USB port

Connects a USB device

Playback

- 1 Turn on the TV and select the correct video input.
- 2 Press **⏻**.
- 3 Place a disc or connect a USB device.



- If this unit is not switched to the USB mode when connecting the USB device, press **USB** and press **◀▶** to select the item.
- 4 Press **▲▼◀▶** to select the item and press **OK**.
 - Depending on the disc, playback may start automatically. (JPEG only)
 - When you press **PLAY/PAUSE ▶/||** instead of **OK**, you can start the slide show.

Stopping playback

Press **STOP ■**.

→ The stopped position is memorized.

Resume play function

Press **PLAY/PAUSE ▶/||** 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.

NOTE

- Screen saver will start automatically if the media playback is stopped and the menu is closed 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 media has stopped playing.
- (DVD-S48)
Video images of the copyright-protected DivX® contents stored on a USB device cannot be output.
- (DVD-S68)
Video images of the copyright-protected DivX® contents stored on a USB device can be output only through the HDMI output terminal.

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 divx.com for more information and software tools to convert your files into DivX video.

ABOUT DIVX VIDEO-ON-DEMAND

- This DivX Certified® device must be registered in order to play purchased DivX Video-on-Demand (VOD) movies. To obtain your registration code, locate the DivX VOD section in your device setup menu. Go to vod.divx.com for more information on how to complete your registration.
- You can only play DivX videos that were rented or purchased with the DivX registration code of this DVD player. For details, Changing the player settings > OTHER (→ page 12).

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.

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

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.). If the subtitle does not appear correctly, change the subtitle language (→ page 11).

USB REC

You can copy audio files (CD-DA) from a CD on a USB device into MP3 format.

- 1 Connect the USB device.
- 2 Play an audio CD.
- 3 During play, press **USB REC**.
- 4 Press **◀▶** to select “YES”, and press **OK**.

| USB REC | |
|---------|--------------------|
| | OPTIONS |
| OPTIONS | Speed Normal |
| TRACKS | Bitrate 128kbps |
| START | Create ID3 tag YES |
| QUIT | Storage USB |

- 5 Press **▲▼◀▶** to select “TRACKS”.
 - In the default setting, all tracks are checked.
 - To remove each check mark, select the track by pressing **▲▼◀▶**, and press **OK**.
 - To clear all the check marks, select the check mark at the top and press **OK**.

| USB REC | | | |
|---------|-------------------------------------|--------|--------|
| | <input checked="" type="checkbox"/> | TITLE | LENGTH |
| OPTIONS | <input checked="" type="checkbox"/> | TRACK1 | 0:18 |
| TRACKS | <input checked="" type="checkbox"/> | TRACK2 | 0:21 |
| START | <input checked="" type="checkbox"/> | TRACK3 | 0:21 |
| QUIT | <input checked="" type="checkbox"/> | TRACK4 | 0:16 |
| | <input checked="" type="checkbox"/> | TRACK5 | 0:13 |
| | <input checked="" type="checkbox"/> | TRACK6 | 0:12 |
| | <input checked="" type="checkbox"/> | TRACK7 | 0:13 |
| | <input checked="" type="checkbox"/> | TRACK8 | 0:20 |
| | <input checked="" type="checkbox"/> | TRACK9 | 0:22 |

- 6 Press **▲▼◀▶** to select “START”, and press **OK** to begin copying.
 - You can change to preferred settings in the “OPTIONS” menu.
 - To exit the menu, select “QUIT”, and then press **OK**.

HDMI CEC protocol

(DVD-S68 only)

The DVD player supports HDMI CEC (Consumer Electronics Control) protocol.

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

- Set “HDMI CEC” to “On” (➔ page 11).

One Touch Play

When a video disc is placed in the unit and you press **⏻**, it turns on the TV, then disc play starts.

System Standby

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

Control with TV's remote control

The ability to control “Playback Control”, “Disc Menu Control” and “Device Select”.

For details, see the Operating Instructions for your TV.

Changing the player settings

Change the unit's settings if necessary. The settings remain intact even if you switch the unit to standby.

- 1 Press **SETUP**.
- 2 Press **▲▼** to select the menu, and press **▶**.
- 3 Press **▲▼** to select the item, and press **▶** to confirm your selection.
- 4 Press **▲▼** to select the settings, and press **OK**.

- To return the previous menu, press **◀**.
- To exit, press **SETUP**.

Operation methods other than the above procedure may be displayed. In that case, follow the on-screen instructions.

Depending on the type of media, this unit's settings may be disabled.

SYSTEM

TV System

⇒ This menu contains the options for selecting the color system that matches the connected TV.

NTSC

⇒ Video signal from PAL disc playback will be output in NTSC format.

PAL

⇒ Video signal from NTSC disc playback will be output in PAL format.

PAL60

⇒ Video signal from NTSC disc playback will be output in PAL60 format.

Auto

⇒ Video output signal will be set automatically to suit the connected TV.

Screen Saver

⇒ This setting enables the Screen Saver to activate. Screen saver will start automatically if the media playback is stopped for about 5 minutes.

Video

⇒ This sets the output method of this unit according to the television to connect. (For the United Kingdom and Ireland only) When connecting this unit with the SCART terminal, select "RGB/SCART".

Resolution (DVD-S68 only)

⇒ Select a video resolution that is compatible with the TV display capability. Selecting "Auto" can automatically select the best resolution.

HDMI CEC (DVD-S68 only)

⇒ When connecting this unit with the TV via the HDMI cable, linked operations with a connected device is possible.

TV Type

⇒ Select picture aspect to suit your connected TV.

4:3PS/4:3LB

When connected to a 4:3 aspect television:

Playing 16:9 ratio picture is following

- 4:3PS: the side is cut off
- 4:3LB: with black bands on top and bottom

16:9/16:9 Full

When connected to a 16:9 aspect television:

Playing 4:3 ratio picture is following

- 16:9: displayed in the center of the screen
- 16:9Full: stretched horizontally to fill the TV screen

LANGUAGE

OSD

⇒ This switches the language for display menu.

Audio

⇒ This switches the language for output audio.

Subtitle

⇒ This switches the language for subtitle.

Menu

⇒ This switches the language for disc menu.

(For the United Kingdom and Ireland only)

DivX Subtitle

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

- 1 Press **▲▼** to select "DivX Subtitle", then press **▶**.
"Latin 1", "Latin 2", "Cyrillic", "Turkish"
Select the font type for the recorded title.
- 2 Press **▲▼** to select a setting, then press **OK** to confirm your selection.

Changing the player settings

AUDIO

Audio Out (DVD-S68 only)

⇒ This sets the audio output method when connected to the "HDMI AV OUT" terminal.

Bitstream

⇒ When the connected equipment is supporting Dolby Digital

PCM

⇒ When the connected equipment is not supporting Dolby Digital

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.

VIDEO

Brightness

⇒ This adjusts the brightness.

Contrast

⇒ This adjusts the contrast.

Hue

⇒ This adjusts the color tone.

Saturation

⇒ This adjusts the saturation.

Sharpness

⇒ This adjusts the sharpness of the image outline.

OTHER

Rating

⇒ This sets the playback limitation level for DVD video discs. Selecting "8 No Limit" can play all discs.

Password

⇒ The password is required when setting or canceling the playback limitation or restoring the unit to the factory default. When doing this for the first time, key in "0000".

If you forget your old four-digit password, key in "0000".

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 Web Site ; <http://vod.divx.com>.

Default

⇒ This restores the unit to the factory default settings.

Specifications

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)
[United Kingdom and Ireland]
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)
(1 System)

[United Kingdom and Ireland]

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
[United Kingdom and Ireland]
AV (21 pin)

Number of connectors :
[United Kingdom and Ireland]
2 channel (2 System)
[Others] 2 channel (1 System)

USB slot: USB2.0: 1 System

[DVD-S68] HDMI AV output:

Output format: 480p/576p/1080i/720p/1080p

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:

[United Kingdom, Ireland,
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. 12 W

Power consumption in standby mode:
Less than 1 W

Dimensions (W x D x H):

[DVD-S48] 360 mm x 209 mm x 38 mm

[DVD-S68] 430 mm x 209 mm x 38 mm

Mass: [DVD-S48] Approx. 1.4 kg
[DVD-S68] Approx. 1.6 kg

Specifications are subject to change without notice.

Troubleshooting

Before requesting service, make the following checks. If you still need assistance, consult your dealer for instructions.

To reset

Images from this DVD player do not appear on the television.

You forget your password.

- ⇒ Reset the DVD player to the factory defaults.
 - 1) Press **⏻** 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.

No picture./No sound.

- ⇒ Check the video connection between the DVD player and the TV.
- ⇒ Turn on your TV and set to the correct in channel for the DVD player.

Remote control does not work.

- ⇒ Aim the remote control directly at the sensor on the front of the DVD player.

The screen is distorted. Noise occurs.

- ⇒ Check if the TV System setting is correct.

Discs cannot be played back.

- ⇒ Check for any scratches or smudges on the disc. If the disc is dirty, clean the disc.

Not able to select some items in the setup/system menu.

- ⇒ Press **STOP ■** twice before selecting the setup/system menu.
- ⇒ Depending on the disc availability, some menu items cannot be selected.

When the following messages on the unit's display.

LOAD (LOAD)

- ⇒ Loading the media. Wait a moment.

STOP (STOP)

- ⇒ Stopping the playback.

- ⇒ There is no disc, or a disc that cannot be played has been inserted.

OPEN (OPEN)

- ⇒ The tray is open.

TITLE (TITLE)

- ⇒ The disc title is displayed.
Press **▲ ▼ ◀ ▶** to select the title, then press **OK**.

NOUSB (NOUSB)

- ⇒ There is no USB device in USB mode.

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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

EU

Pursuant to at the directive 2004/108/EC, article 9(2)
Panasonic Testing Centre
Panasonic Marketing Europe GmbH
Winsbergring 15, 22525 Hamburg, Germany

EU



Panasonic Corporation

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

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