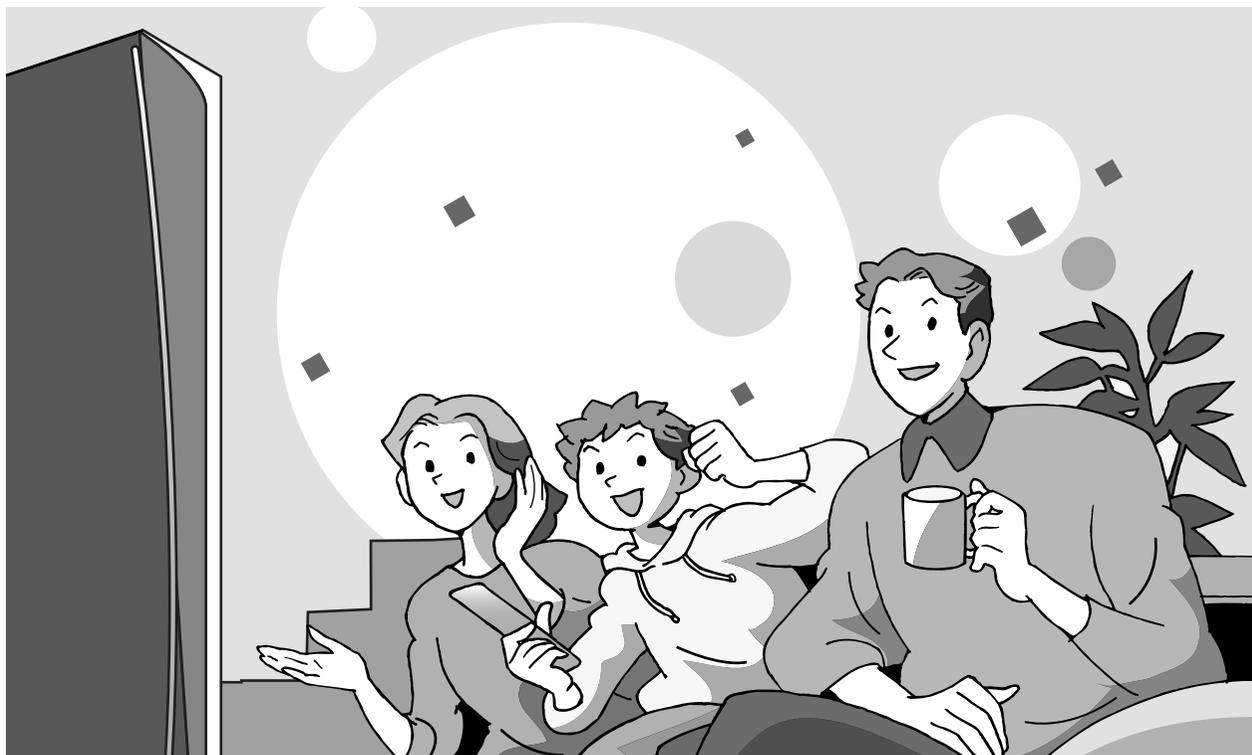# Panasonic®

DVD/CD PLAYER

Operating Instructions

Model No. **DVD-S25/DVD-S23**

The illustration shows the models for U.S.A. and Canada.

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 keep this manual for future reference.

DVD VIDEO™

COMPACT disc DIGITAL VIDEO

Region number

The player plays DVD-Video marked with labels containing the region number or "**ALL**".

Region	Number
U.S.A. and Canada	1
The Middle East and South Africa	2
Asia	3
Australia and N.Z.	4
Russia	5

Example: U.S.A. and Canada

1   ALL   1 2 4

Unless otherwise indicated, illustrations in these operating instructions are of the models for U.S.A. and Canada.

P PC UP GCA GCS GCU GN EE

Table of contents

RQT7135-P

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.**

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.**

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.**

For the U.S.A. and Canada

CAUTION:
**TO PREVENT ELECTRIC SHOCK MATCH
WIDE BLADE OF PLUG TO WIDE SLOT,
FULLY INSERT.**

THE FOLLOWING APPLIES ONLY IN THE U.S.A.

CAUTION:

This equipment has been tested and found to comply with the limits for
a Class B digital device, pursuant to Part 15 of the FCC Rules.
These limits are designed to provide reasonable protection against
harmful interference in a residential installation. This equipment
generates, uses and can radiate radio frequency energy and, if not
installed and used in accordance with the instructions, may cause
harmful interference to radio communications. However, there is no
guarantee that interference will not occur in a particular installation. If
this equipment does cause harmful interference to radio or television
reception, which can be determined by turning the equipment off and
on, the user is encouraged to try to correct the interference by one or
more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to
  which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Any unauthorized changes or modifications to this equipment would
void the user's authority to operate this device.

This device complies with Part 15 of the FCC Rules. Operation is
subject to the following two conditions: (1) This device may not cause
harmful interference, and (2) this device must accept any interference
received, including interference that may cause undesired operation.

THE FOLLOWING APPLIES ONLY IN THE U.S.A. AND CANADA

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN

CAUTION: TO REDUCE THE RISK OF ELECTRIC
SHOCK, DO NOT REMOVE SCREWS.
NO USER-SERVICEABLE PARTS
INSIDE.
REFER SERVICING TO QUALIFIED
SERVICE PERSONNEL.

The lightning flash with arrowhead
symbol, within an equilateral triangle, is
intended to alert the user to the presence
of uninsulated "dangerous voltage" within
the product's enclosure that may be of
sufficient magnitude to constitute a risk of
electric shock to persons.

The exclamation point within an
equilateral triangle is intended to alert the
user to the presence of important
operating and maintenance (servicing)
instructions in the literature accompanying
the appliance.

IMPORTANT SAFETY INSTRUCTIONS

Read these operating instructions carefully before using the unit. Follow the safety instructions on the unit and the applicable safety instructions listed
below. Keep these operating instructions handy for future reference.

1) Read these instructions.
2) Keep these instructions.
3) Heed all warnings.
4) Follow all instructions.
5) Do not use this apparatus near water.
6) Clean only with dry cloth.
7) Do not block any ventilation openings. Install in accordance with the
   manufacturer's instructions.
8) Do not install near any heat sources such as radiators, heat registers,
   stoves, or other apparatus (including amplifiers) that produce heat.
9) Do not defeat the safety purpose of the polarized or grounding-type
   plug. A polarized plug has two blades with one wider than the other. A
   grounding-type plug has two blades and a third grounding prong. The
   wide blade or the third prong are provided for your safety. If the
   provided plug does not fit into your outlet, consult an electrician for
   replacement of the obsolete outlet.
10) Protect the power cord from being walked on or pinched particularly
    at plugs, convenience receptacles, and the point where they exit from
    the apparatus.
11) Only use attachments/accessories specified by the
    manufacturer.
12) Use only with the cart, stand, tripod, bracket, or table
    specified by the manufacturer, or sold with the
    apparatus. When a cart is used, use caution when
    moving the cart/apparatus combination to avoid
    injury from tip-over.
13) Unplug this apparatus during lightning storms or when unused for
    long periods of time.
14) Refer all servicing to qualified service personnel. Servicing is required
    when the apparatus has been damaged in any way, such as power-
    supply cord or plug is damaged, liquid has been spilled or objects
    have fallen into the apparatus, the apparatus has been exposed to
    rain or moisture, does not operate normally, or has been dropped.

Accessories

Please check and identify the supplied accessories. Use numbers indicated in parentheses when asking for replacement parts.
(Only for U.S.A.) To order accessories contact 1-800-332-5368 or the website (http://www.panasonic.com).
(For other areas) To order accessories, call the dealer from whom you have made your purchase.

☐ 1 Remote control
| U.S.A. and Canada | (EUR7621070) |
| Other areas | (EUR7621080) |

☐ 1 AC power supply cord
U.S.A. and Canada	(RJA0065-K)
Australia and N.Z.	(RJA0035-2X)
Other areas	(RJA0019-2X)

☐ 1 Audio/video cable (JAC3315N)

☐ 2 Remote control batteries

Note

The included AC power supply cord is for use with this unit only. Do not use it with other equipment.

Disc information

■ Discs that can be played

DVD-Video	[DVD VIDEO logos]	DVD-V	You may not always be able to control play as described in these operating instructions, e.g. some functions do not work when the play time is not displayed. Read the disc's instructions carefully.
DVD-R	[DVD R R4.7 logo]	DVD-V	● Panasonic DVD-R recorded and finalized※ on a Panasonic DVD video recorder or DVD video camera are played as DVD-Video on this unit. ● It may not be possible to play DVD-R in all cases due to the type of disc or condition of the recording.
Video CD	[COMPACT disc DIGITAL VIDEO logo]	VCD	You may not always be able to control play as described in these operating instructions, e.g. some functions do not work when playback control is on. To cancel playback control, press the numbered buttons in the stop mode (→ page 5, Enter number).
CD	[COMPACT disc DIGITAL AUDIO logo]	CD	—
CD-R/RW	—	WMA MP3 JPEG	● This unit can play CD-R/RW (audio recording disc) recorded with CD-DA, video CD, WMA, MP3, or JPEG. Close the sessions or finalize※ the disc after recording. ● It may not be possible to play CD-R and CD-RW in all cases due to the type of disc or condition of the recording.

※A process that allows play on compatible equipment.
Use discs with the above logos and that conform to specifications. The unit cannot play other discs correctly.

■ Discs that cannot be played
DVD-RAM, DVD-Audio, DVD-ROM, CD-ROM, CDV, CD-G, +RW, DVD-RW, CVD, SVCD, SACD, Divx Video Discs and Photo CD.

■ Built-in decoders
This unit has Dolby Digital and DTS decoders so you can enjoy discs that display the indicated logo in stereo without connecting a separate decoder.

■ Video systems
The Middle East, South Africa, Asia, Russia, Australia and N.Z.
– This unit can play PAL and NTSC, but your television must match the system used on the disc.
– PAL discs cannot be correctly viewed on an NTSC television.
– This unit can convert NTSC signals to PAL 60 for viewing on a PAL television (→ page 12, Video—NTSC Disc Output).
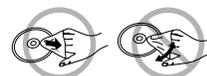– Output is interlace (576I), when playing PAL discs.
U.S.A. and Canada
PAL discs cannot be played.

■ To clean discs
DVD-Video, Video CD, CD
Wipe with a damp cloth and then wipe dry.
DVD-R
● Clean with an optional DVD-RAM/PD disc cleaner (LF-K200DCA1, where available).
● Never use cloths or cleaners for CDs etc.

■ Handling precautions
● Do not attach labels or stickers to discs (This may cause disc warping, rendering it unusable).
● Do not write on the label side with a ball-point pen or other writing instrument.
● Do not use record cleaning sprays, benzine, thinner, static electricity prevention liquids or any other solvent.
● Do not use scratch-proof protectors or covers.
● 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.

Accessories/Disc information

RQT7135

3

STEP 1 The remote control

■ **Batteries**

R6, AA, UM-3
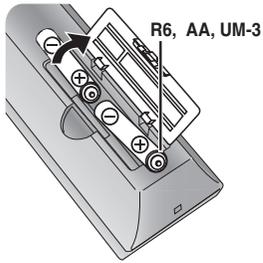
● Insert so the poles (+ and −) match those in the remote control.
● Do not use rechargeable type batteries.
Do not:
● mix old and new batteries.
● use different types at the same time.
● heat or expose to flame.
● take apart or short circuit.
● attempt to recharge alkaline or manganese batteries.
● use batteries if the covering has been peeled off.

Mishandling of batteries can cause electrolyte leakage which can damage items the fluid contacts and may cause a fire.

Remove if the remote control is not going to be used for a long period of time. Store in a cool, dark place.

■ **Use**

Aim at the remote control sensor, avoiding obstacles, at a maximum range of 7 m (23 feet) directly in front of the unit.
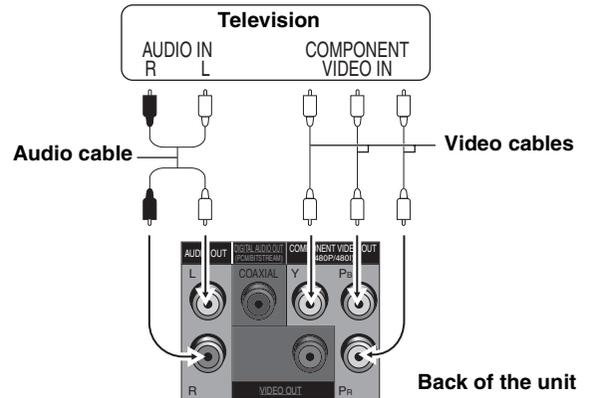
STEP 2 Connection to a television

● Do not place the unit on amplifiers or equipment that may become hot. The heat can damage the unit.
● **Do not connect through the video cassette recorder.** Due to copy guard protection, the picture may not display properly.
● Turn off all equipment before connection and read the appropriate operating instructions.
● Connect the terminals of the same color.
● To enjoy more powerful sound ➜ page 14

■ **Television with VIDEO IN terminal**

Television
AUDIO IN VIDEO IN
R L

Audio/video cable (included)

Back of the unit
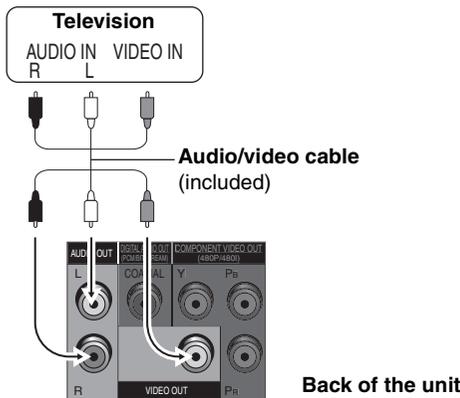
■ **Television with COMPONENT VIDEO IN terminals**

Television
AUDIO IN COMPONENT VIDEO IN
R L

Audio cable

Video cables

Back of the unit

● To enjoy progressive video ➜ page 11
U.S.A. and Canada
● Select "Darker" in "Black Level Control" in the SETUP menu (➜ page 12).

■ **Connect the AC power supply cord last**

AC power supply cord (included)

To household AC outlet
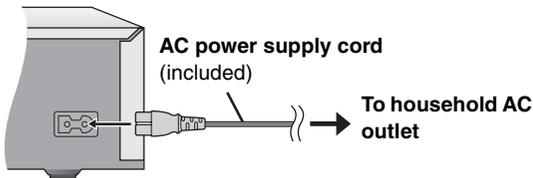
Conserving power
This unit consumes a small amount of power, even when it is turned off.   U.S.A. and Canada   1 W
Other areas   2 W
To save power when the unit is not to be used for a long time, unplug it from the household AC outlet.

STEP 3 QUICK SETUP

Turn on the television and select the appropriate video input on the television.

1	2	3	4	5
⏻	SETUP	ENTER RETURN	ENTER	SETUP
Power ON.	Shows QUICK SETUP screen.	Follow the message and make the settings.	Press to finish QUICK SETUP.	Press to exit.
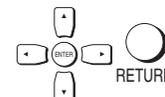
To change these settings later
Select "QUICK SETUP" in the SETUP menu (➜ page 13).

Basic play

1 **Power ON.**
POWER ⏻/I

2 **Open the disc tray.**
OPEN/CLOSE ▲

Remote control signal sensor

Stop.   Pause.

3 **Load the disc.**
● Load double-sided discs so the label for the side you want to play is facing up.

4 **Start play.**
►

Press to skip.
Press and hold to
–search
–slow-motion.

● Check "Mixed Disc—Audio & Stills" in the SETUP menu (→ page 13) if the disc includes both WMA/MP3 and JPEG.

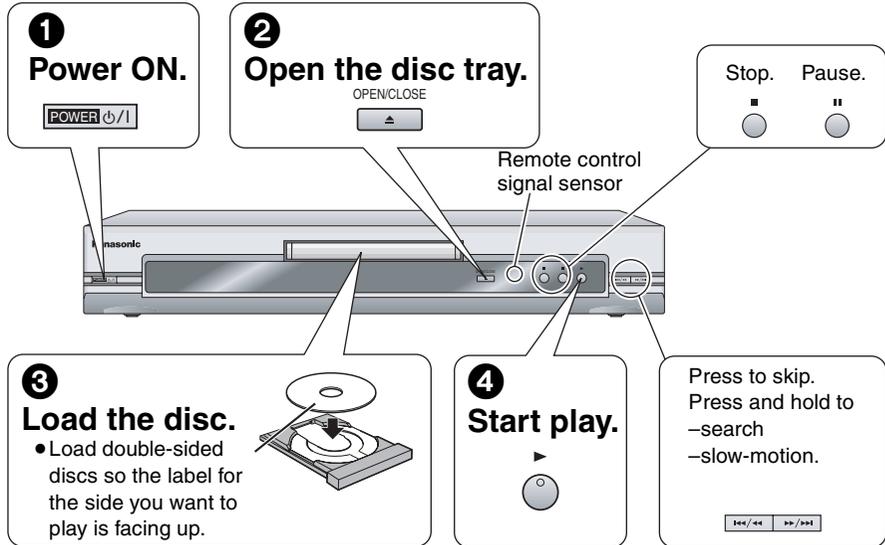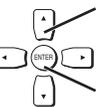|		
Stop	STOP ■	The position is memorized when "▷" flashes on the display. ● Press [►] (PLAY) to resume. **DVD-V** → page 7, To review the previous chapters ● Press [■] to clear the position.
Pause	PAUSE ■■	● Press [►] (PLAY) to start play.
Skip	SKIP ◄◄ ►►I	**(Group skip JPEG)**
Search (during play) **Slow-motion** (during pause)	SLOW/SEARCH ◄◄ ►►	● Up to 5 steps ● Press [►] (PLAY) to start play. ● **VCD** Slow motion, forward direction only
Frame-by-frame (during pause)		● **VCD** forward direction only
On-screen item select		Select Register

Enter number	① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⓪ ≧10	**DVD-V** **VCD** **CD** e.g. To select 12: [≧10] → [1] → [2] ● While stopped, selecting tracks using this method will cancel playback control. **VCD** **WMA** **MP3** **JPEG** e.g. To select 123: [1] → [2] → [3] → [ENTER]
Disc menu	TOP MENU	**DVD-V** Shows a disc top menu
	MENU	**DVD-V** Shows a disc menu
	RETURN	**VCD** Shows a disc menu
Return to previous screen	RETURN	
Main unit display	FL SELECT	Number display ↑ ↓ Time display
Information screen	SUBTITLE	**WMA** **MP3** **JPEG** Turns the information screen on/off

Note

Discs continue to rotate while menus are displayed. Press [■] when you finish to preserve the unit's motor and your television screen.

■ **Standby/on switch (⏻/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.

The Middle East, South Africa, Asia, Russia, Australia and N.Z.
Standby/on indicator (⏻)
When the unit is connected to the AC mains supply, this indicator lights up in standby mode and goes out when the unit is turned on.

RQT7135

Increasing your enjoyment of movies
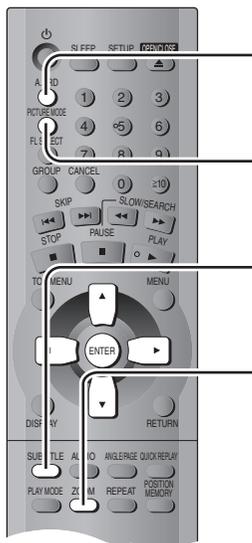
A.SRD	**Advanced Surround**	Virtual surround with television's speakers
PICTURE MODE	**Picture Mode**	Picture quality suitable for movies
SUBTITLE	**Subtitle**	
ZOOM	**Zoom**	Expanding the picture to fit the screen

See below for detail.

Advanced Surround

[DVD-V] [VCD] (2 or more channels)

Press [A.SRD] to select "SP1" or "SP2".

SP1: Natural effect
SP2: Enhanced effect

- When using discs recorded with surround sound, sound seems to come from speakers on either side of you.
- When using headphones from the connected equipment, select "HP" by pressing [◀] and [▲ ▼].
- Optimum seating position is 3 to 4 times the distance between the front left and right speakers or the width of the television if using the televisions speakers.
- Do not use in combination with surround effects on other equipment.

Picture Mode

[DVD-V] [VCD] [JPEG]

Press [PICTURE MODE].

Cinema1

Normal: Normal mode.
Cinema1: Mellows images and enhances detail in dark scenes.
Cinema2: Sharpens images and enhances detail in dark scenes.
Animation: Adjusts image quality suited for viewing animations.
Dynamic: Adjusts to a more vibrant image by emphasizing contrast.

Subtitle

[DVD-V] (with multiple subtitles)

Press [SUBTITLE] to select the subtitle language.

On/Off

1 English   0 0

Language   Position   Brightness
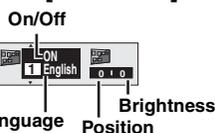
To clear/display the subtitles
Press [▶] and then [▲ ▼] to select "ON" or "OFF".

To change the subtitle position and brightness
Press [▶] and then [▲ ▼] to adjust.
- Position: 0 to −60 in 2 unit steps
- Brightness: "Auto" to automatically adjust the brightness against the background, or 0 to −9

Zoom

[DVD-V] [VCD]

Press [ZOOM] to select the preset aspect ratio.
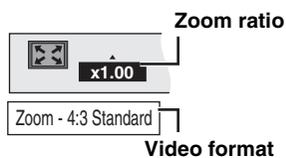
Preset zoom ratios suitable for the following video formats are available.

Zoom ratio

x1.00

Zoom - 4:3 Standard

Video format

4:3 Standard	4:3	American Vista	1.85:1
European Vista	1.66:1	Cinemascope 1	2.35:1
16:9 Standard	16:9	Cinemascope 2	2.55:1

- You can also select the preset aspect ratio by pressing [ENTER] and [◀ ▶].

Fine adjustments
Press [▲ ▼].
– from ×1.00 to ×1.60 (in 0.01 units)
– from ×1.60 to ×2.00 (in 0.02 units)
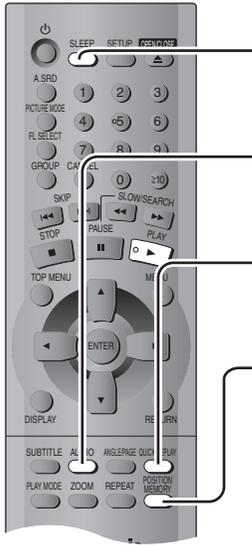
	SLEEP	Sleep timer
	AUDIO	Audio
	QUICK REPLAY	Quick replay Replaying a scene
	POSITION MEMORY	Position memory Memorizing the position to resume play

See below for detail.

Sleep timer

Press [SLEEP] to select the time to turn off (60 min, 90 min, 120 min) or "AUTO".

AUTO

AUTO:
– Turns the unit off 5 minutes after play finishes.
– Also works with DVDs that show a menu after play finishes.
– Does not work if you stop play or show a disc menu. It is activated again when you restart play.

To confirm the remaining time
Press [SLEEP] again.

Audio

[DVD-V] (with multiple soundtracks) [VCD]

Press [AUDIO] to select the soundtrack.

ᐁᐁ Digital
1 English 3/2.1 ch

Signal type/data

[DVD-V] (Karaoke discs)
You can also use this button to turn the vocals on and off. Read the disc's instructions for details.
[VCD]
You can also use this button to select "L", "R" or "LR".

Quick replay

[DVD-V] [VCD] [CD] [WMA] [MP3]
(Only when the elapsed play time can be displayed)

Press [QUICK REPLAY] to skip back a few seconds or a few pictures.

Position memory

(Only when the elapsed play time can be displayed)

This position is memorized even after turning off the unit or changing the disc.

Press [POSITION MEMORY].

Position memorized ○ ● ● ● ●

● Up to 5 discs.
● When the sixth disc is memorized, the earliest position is replaced.

When the unit is turned on or the disc is inserted,
"▷" flashes on the display.
Press [▶] (PLAY) to start play from that position.

To review the previous chapters [DVD-V]
Press [▶] (PLAY) while the following message is on the display.

Press PLAY to Preview Chapters	Press PLAY to Chapter Review

● Do not press [▶] (PLAY) if you want to cancel review.

Audio/Subtitle language

ENG:	English	SVE:	Swedish	CHI:	Chinese
FRA:	French	NOR:	Norwegian	KOR:	Korean
DEU:	German	DAN:	Danish	MAL:	Malay
ITA:	Italian	POR:	Portuguese	VIE:	Vietnamese
ESP:	Spanish	RUS:	Russian	THA:	Thai
NLD:	Dutch	JPN:	Japanese	✳:	Others

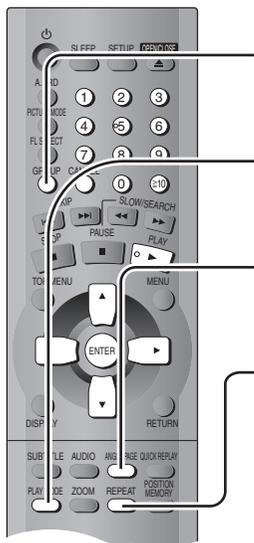### Signal type/data

LPCM/ᐁᐁ Digital/DTS/MPEG: Signal type
k (kHz): Sampling frequency
b (bit): Number of bits
ch (channel): Number of channels
Example: 3/2 .1ch

.1: Low frequency effect
(not displayed if there is no signal)
0: No surround
1: Mono surround
2: Stereo surround (left/right)
1: Center
2: Front left＋Front right
3: Front left＋Front right＋Center

Convenient functions

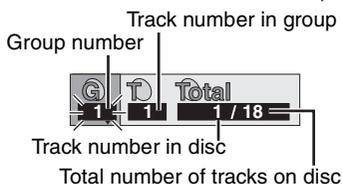|	
GROUP ◯	Starting play from a selected group
PLAY MODE ◯	Starting program and random play
ANGLE/PAGE ◯	Angle/Picture rotation
REPEAT ◯	Repeat play

See below for detail.

Starting play from a selected group

`WMA` `MP3` `JPEG`

A folder on WMA/MP3 and JPEG discs is treated as a "Group".

1. **Press [GROUP].**
2. **Press [▲ ▼ ◄ ►] to select the item and press [ENTER].**

Group number
Track number in group

G 🔄 Total
1 **1** **1 / 18**

Track number in disc
Total number of tracks on disc

Program play (up to 32 items)

`DVD-V` `VCD` `CD` `WMA` `MP3`

1. **While stopped, press [PLAY MODE].**
2. **Press the numbered buttons to select the items (`WMA` `MP3` then press [ENTER]).**
   Repeat this step to program other items.
3. **Press [►] (PLAY).**

Choose a title and chapter, then press ENTER.
No T C Time
1 — Play / Clear / Clear all
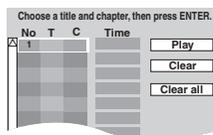
Using the cursor buttons
Press [ENTER] and [▲ ▼] to select an item, then press [ENTER] again to register.
● Select "ALL" to enter all items.
Changing the program
Press [▲ ▼] to select an item.
– To change an item, repeat step 2.
– To clear an item, press [CANCEL] (or select "Clear" and press [ENTER]).
● Press [ANGLE/PAGE] to skip 8 lines at a time.
Clearing the whole program
Select "Clear all" and press [ENTER]. The whole program is also cleared when the unit is turned off or the disc tray is opened.

To exit the program mode
Press [PLAY MODE] while stopped.

Random play

`DVD-V` `VCD` `CD` `WMA` `MP3`

1. **While stopped, press [PLAY MODE] twice.**
2. **(`DVD-V` only) Press the numbered buttons to select a title.**
3. **Press [►] (PLAY).**

Random Playback
Title **2**
☞ Press PLAY to start

To exit the random mode
Press [PLAY MODE] while stopped.

Angle/Picture rotation

`DVD-V` (with multiple angles)
Press [ANGLE/PAGE] to select the angle.

`JPEG`
1. **Press [ANGLE/PAGE].**
2. **Press [▲ ▼] to select "Rotate right" or "Rotate left" and press [ENTER].**
   ● Press [ANGLE/PAGE] again to clear the popup screen.

Repeat play

(Only when the elapsed play time can be displayed)

Press [REPEAT] to select an item to be repeated.

🔄
Chapter

`DVD-V`	`VCD` `CD`
Chapter, Title, All※ or Off	Track, All or Off
`WMA` `MP3`	`JPEG`
Track, Group, All※ or Off	Group or Off

※During program and random play
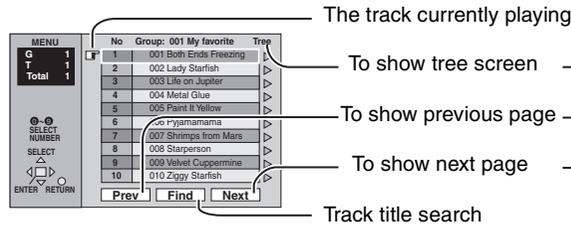
● Select "All" to repeat all the items you selected in program play (➜ left) or random play (➜ above).
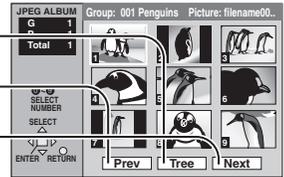
Using navigation menus

1	2	3	4
TOP MENU ○ Shows navigation menu.	Select the item.	ENTER Press to enter.	TOP MENU ○ Press to exit.

e.g. [WMA] [MP3]

	No	Group: 001 My favorite	Tree
MENU	1	001 Both Ends Freezing	
G 1	2	002 Lady Starfish	▷
T 1	3	003 Life on Jupiter	▷
Total 1	4	004 Metal Glue	▷
	5	005 Paint It Yellow	▷
❶~❿ SELECT NUMBER	6	006 Pyjamamama	▷
	7	007 Shrimps from Mars	▷
SELECT	8	008 Starperson	▷
	9	009 Velvet Cuppermine	▷
ENTER RETURN	10	010 Ziggy Starfish	▷
	Prev	**Find**	**Next**

- The track currently playing
- To show tree screen
- To show previous page
- To show next page
- Track title search

e.g. [JPEG]

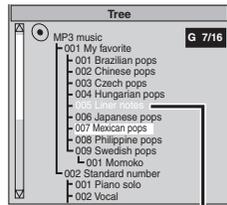| JPEG ALBUM	Group: 001 Penguins	Picture: filename00..
G 1		
Total 1		
❶~❿ SELECT NUMBER		
SELECT		
ENTER RETURN	**Prev**	**Tree**	**Next**

Search methods (while the navigation menu is displayed)

Using the tree screen

[WMA] [MP3] [JPEG]

1. [WMA] [MP3]
   Press [▶].
   [JPEG]
   Press [▲ ▼ ◄ ►] to select "Tree" and press [ENTER].
2. **Press [▲ ▼ ◄ ►] to select a group and press [ENTER].**
   The navigation menu for the group appears.

```
                              Tree
         ⊙ MP3 music                          G 7/16
         ├─ 001 My favorite
         │   ├─ 001 Brazilian pops
         │   ├─ 002 Chinese pops
         │   ├─ 003 Czech pops
         │   ├─ 004 Hungarian pops
         │   ├─ 006 Japanese pops
         │   ├─ 007 Mexican pops
         │   ├─ 008 Philippine pops
         │   └─ 009 Swedish pops
         │       └─ 001 Momoko
         └─ 002 Standard number
             ├─ 001 Piano solo
             └─ 002 Vocal
```

Indicates this group includes no compatible files.

Using a track title

[WMA] [MP3]
e.g. Finding a title including "LOVE"
1. **Press [▲ ▼] to select "Find" and press [ENTER].**
2. **Press [▲ ▼] to select "L" and press [ENTER].**
   Repeat this step to enter "O", "V" and "E".
   - Lower case is also searched.
   - Press [|◄◄ ►►|] to skip between A, E, I, O and U.
   - Press [◄] to erase a character.
   - Erase the asterisk (⁕) to search for the titles starting with that word.
3. **Press [▶] to select "Find" and press [ENTER].**
   The search result screen appears.
4. **Press [▲ ▼] to select the track and press [ENTER].**

7	Board The Go...	
8	Fall In The Frozen Season	▷
9	Violet Sky	▷
10	Pink Island	▷
Pre ⁕A	**Find**	**Next**

To return to the menu
Press [RETURN].

Tips for making WMA/MP3 and JPEG discs
- Discs must conform to ISO9660 level 1 or 2 (except for extended formats).
- This unit is compatible with multi-session but if there are a lot of sessions it takes more time for play to start. Keep the number of sessions to a minimum to avoid this.

Naming folders and files
At the time of recording, prefix folder and file names with 3-digit numbers in the order you want to play them (this may not work at times).
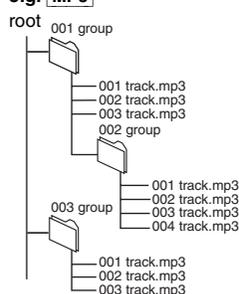Files must have the extension:
".WMA" or ".wma"
".MP3" or ".mp3"
".JPG", ".jpg", ".JPEG" or ".jpeg"

e.g. [MP3]
```
root  001 group
       ├── 001 track.mp3
       │   002 track.mp3
       │   003 track.mp3
       │   002 group
       │   ├── 001 track.mp3
       │   │   002 track.mp3
       │   │   003 track.mp3
       │   003 group  004 track.mp3
       └── 001 track.mp3
           002 track.mp3
           003 track.mp3
```

[WMA]
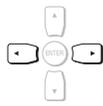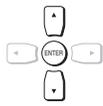- You cannot play WMA files that are copy protected.

[MP3]
- This unit is not compatible with ID3 tags.

[JPEG]
- To view JPEG files on this unit:
- Take them on a digital camera that meets the DCF Standard (Design rule for Camera File system) Version 1.0. Some digital cameras have functions that are not supported by the DCF Standard Version 1.0 like automatic picture rotation which may render a picture un-viewable.
- Do not alter the files in any way or save them under a different name.
- This unit cannot display moving pictures, MOTION JPEG and other such formats, still pictures other than JPEG (e.g. TIFF) or play associated sound.

Using On-Screen Menu Icons

To get disc information or to play from a specified item

1	**2**	**3**	**4**	**5**
DISPLAY		① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⓪ ⓾	ENTER	RETURN
Press once.	Select the icon.	Make the settings.	Press if the setting doesn't change.	Press to exit.

Icon	Description
2 / **2**	**To see the current playback item** **To start from a specific item**

⊘ **1 : 46 : 50**	`DVD-V` `VCD` `CD` `WMA` `MP3`
	To see the current playback location
	`DVD-V`
	To start from a specific time

Total **12 / 18**	`WMA` `MP3` `JPEG` **To see the current playback item in disc** **To start from a specific item on the disc**
Digital **1 ENG 3/2.1 ch** / ON **1 ENG** / **1**	`DVD-V` **To change the soundtrack/subtitle/angle**

Icon	Description
Vocal 1✷ OFF	`DVD-V` (Karaoke discs) **To turn on/off vocal**
128kbps 44.1kHz	`WMA` `MP3` **Displays the current bitrate or sampling frequency**
L R	`VCD` **To change the audio channel**
PBC ON	`VCD` **Indicates whether playback control is on or off**
Slideshow ON 5 sec	`JPEG` **To turn on/off slideshow** **To change the slideshow timing (0–30 sec)**
OFF	`WMA` `MP3` `JPEG` **To turn on/off information screen**
(position icon)	**To change the position of the icons**

To see the playback position

1	**2**	**3**
DISPLAY		RETURN
Press twice.	Change the playback time display.	Press to exit.

`DVD-V` `VCD` `CD` `WMA` `MP3`
Current position

To see the current playback item

2 © 2 ▶ ⊘ 1 : 23 : 54

`DVD-V` `VCD` `CD` `WMA` `MP3`
To see the current playback position

Condition – play, pause, or slow/search

To change unit setting
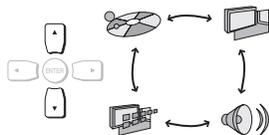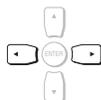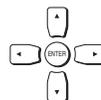
1	2	3	4	5
DISPLAY	(arrow keys / ENTER)	(arrow keys / ENTER)	(arrow keys / ENTER)	RETURN
Press three times.	Select the menu.	Select the icon.	Operate.	Press to exit.

Play menu–Change play sequence

A B
`DVD-V` `VCD` `CD` `WMA` `MP3`
To repeat a specified section (A-B repeat)
Press [ENTER] at the starting and ending points. Press [ENTER] again to cancel.

OFF
`DVD-V` `VCD` `CD` `WMA` `MP3` `JPEG`
To repeat an item (➔ page 8, Repeat play)

- - -
Displays the play mode setting
- - -: Normal play   PGM: Program play
RND: Random play

1 2 3 ✳ ✳
To mark a position to play again (Marker)
Press [ENTER] to highlight the first asterisk and press [ENTER] again to mark a position. You can mark up to 5 positions.

To mark another position:[◄ ►] ➔ [ENTER]
To recall a marker: [◄ ►] ➔ [ENTER]
To erase a marker: [◄ ►] ➔ [CANCEL]

Display menu–Change screen appearance

Normal
To fit 4:3 image to a 16:9 aspect television (4:3 Aspect)

Normal: Stretches images laterally
Auto: Expands letterbox images to fill the screen and put the other images in the center
Shrink: Puts images in the center
Zoom: Expands images to fill the screen

x1.00
To expand the picture to fill the screen (➔ page 6, Zoom)

0 ' 0
To change the subtitle position and brightness (➔ page 6, Subtitle)

0
To adjust the brightness of the on-screen displays (−3 to +3)

Picture menu–Change picture quality

N
To select the preset picture quality (➔ page 6, Picture Mode)

480P
To switch between Progressive (480P) and Interlace (480I) video

Auto1
To select according to the type of material (film or video) for progressive output
Auto 1: For viewing film material
Auto 2: For viewing film material including 30-frame-per-second progressive video
Video: For viewing video material

Audio menu–Change sound effect

SP 1
To enjoy virtual surround with television's speakers (➔ page 6, Advanced Surround)

OFF
`DVD-V` (Dolby Digital, DTS, MPEG, 3-channel or over, with the dialogue recorded in the center channel)
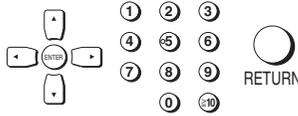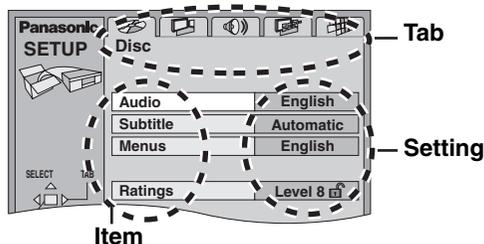**To make the dialogue in movies easier to hear (Dialogue Enhancer)**

To change the position of the icons

To enjoy progressive video
1. Connect to the component video input terminals on a 480P compatible television.
2. In SETUP menu, set "Progressive Out (Component)" to "Enable" (➔ page 12).
3. Select "480P" (➔ above, Picture menu).
- ≥Video will not be displayed correctly if connected to an incompatible television.
- ≥All Panasonic televisions that have 480P input connectors are compatible. Consult the manufacturer if you have another brand of television.

1	**2**	**3**	**4**	**5**	**6**
SETUP Shows SETUP menu.	↑ ← ENTER → ↓ Select the tab.	↑ ← ENTER → ↓ Select the item.	ENTER Press to enter	↑ ← ENTER → ↓ ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⓪ ≥10 RETURN Make the settings.	SETUP Press to exit.

Panasonic
SETUP **Disc** — **Tab**

Audio — **English**
Subtitle — **Automatic**
Menus — **English** — **Setting**

SELECT TAB

Ratings — **Level 8** 🔒

Item

- ≥The settings remain intact even if you switch the unit to standby.
- ≥Underlined items are the factory preset.

The QUICK SETUP enables successive settings of the items in the shaded area.

"Disc" tab — To choose the language and to set a ratings level

Audio Choose the audio language.	● English ● (Language options)⁕1 ● Original⁕2 ● Other✳✳✳✳⁕3
Subtitle Choose the subtitle language.	● Automatic⁕4 ● English ● (Language options)⁕1 ● Other✳✳✳✳⁕3
Menus Choose the language for disc menus.	● English ● (Language options)⁕1 ● Other✳✳✳✳⁕3
Ratings Set a ratings level to limit DVD-Video play. ≥The password screen is shown if you choose levels 0 to 7 or if you choose "Ratings" when levels 0 to 7 have been selected. Follow the on-screen instructions.	Setting ratings (When level 8 is selected) ● 8 No Limit ● 1 to 7 ● 0 Lock All: To prevent play of discs without ratings levels. Changing ratings (When level 0–7 is selected) ● Unlock Player ● Change Password ● Change Level ● Temporary Unlock

"Video" tab — To enable progressive output or to make settings to suit your television

TV Aspect Choose the setting to suit your television and preference.	● 4:3 Pan&Scan: Regular aspect television (4:3) The sides of the widescreen picture are cut off so it fills the screen (unless prohibited by the disc).
	● 4:3 Letterbox: Regular aspect television (4:3) Widescreen picture is shown in the letterbox style.
	● 16:9: Widescreen television (16:9)
Progressive Out (Component) Choose "Enable" to enable progressive output.	● Disable: Interlace output ● Enable or ● Enable (NTSC Disc Only): Progressive output
Still Mode Specify the type of picture shown when paused.	● Automatic ● Field: The picture is not blurred, but picture quality is lower. (Two fields appear alternately to make up one frame.) ● Frame: Overall quality is high, but the picture may appear blurred. (Frame is a unit of moving pictures.)
Black Level Control⁕5 Change the black level of the picture if you connected a television through the COMPONENT VIDEO OUT terminals.	● Lighter: When connected through VIDEO OUT ● Darker: When connected through COMPONENT VIDEO OUT
NTSC Disc Output⁕6⁕7 Choose PAL 60 or NTSC output when playing NTSC discs (➔ page 3, Video systems).	● PAL60: When connected to a PAL television ● NTSC: When connected to an NTSC television (**For Asia:** "NTSC" is the factory preset.)

Changing the player settings

((•)) "Audio" tab — To make settings to suit your digital connection and other audio settings

PCM Down Conversion Select how to output audio with a sampling frequency of 96 kHz.	• No: Signals are output as 96 kHz. (Choose when the connected equipment can process signals with sampling frequency of 96 kHz.) • Yes: Signals are converted to 48 kHz. (Choose when the connected equipment cannot process signals with sampling frequency of 96 kHz.) Signals are converted to 48 kHz despite the above settings if the signals have a sampling frequency of over 96 kHz, or the disc has copy protection.	
Dolby Digital	• <u>Bitstream</u> • PCM	Select "**Bitstream**" when the equipment can decode the bitstream (digital form of multi-channel data). Otherwise, select "**PCM**".
DTS Digital Surround	• <u>PCM</u> • Bitstream	**Note**
MPEG※7	• <u>PCM</u> • Bitstream	If the bitstream is output to the equipment without a decoder, high levels of noise can be output and may damage your speakers and hearing.
Dynamic Range Compression	• <u>Off</u> • On: 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)	
Audio during Search Choose whether to have sound during search.	• <u>On</u> • Off: No sound during search.	

"Display" tab — To choose the on-screen message language or to turn them off

Menu Language Choose the language for these menus and the on-screen messages.	※5 • <u>English</u> • Français • Español ※6 • <u>English</u> • 中文 ※7 • <u>English</u> • Français • Deutsch • Italiano • Español • Português • Svenska • Nederlands
On-Screen Messages Choose whether to show on-screen messages or not.	• <u>On</u> • Off
FL Dimmer Changes the brightness of the unit's display.	• <u>Bright</u> • Dim • Auto: The display is dimmed during play, but brightens when you perform operations such as slow-motion, search, and pause.

"Others" tab — To select either still picture data or audio data when playing discs including both data and other settings

Auto Power Off	• On: The unit switches to standby mode after about 30 minutes in the stop mode, irrespective of the SLEEP setting. • <u>Off</u>
Mixed Disc – Audio & Stills Select the type of file played on discs containing both JPEG and WMA/MP3.	• <u>Audio (MP3/WMA)</u> • Stills (JPEG)
Demo	• <u>Off</u> • On: A demonstration of the on-screen displays starts. Press any button to stop it.
QUICK SETUP Answer questions to make basic settings (→ page 4).	• Yes • <u>No</u>

※1 Language options
  U.S.A. and Canada : French and Spanish
  Asia : Chinese
  The Middle East, South Africa, Russia, Australia and N.Z. :
  French, German, Italian, Spanish, Portuguese, Swedish and Dutch
※2 The original language designed on the disc is selected.
※3 Input a code number referring to the table on page 15.

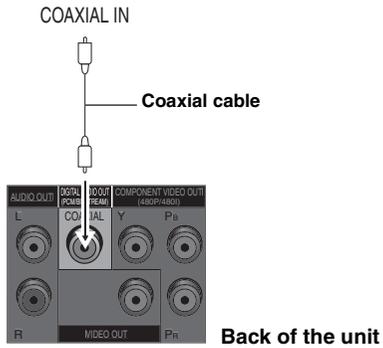※4 If the language selected for "Audio" is not available, subtitle appear in that language (If available on the disc).
※5 U.S.A. and Canada
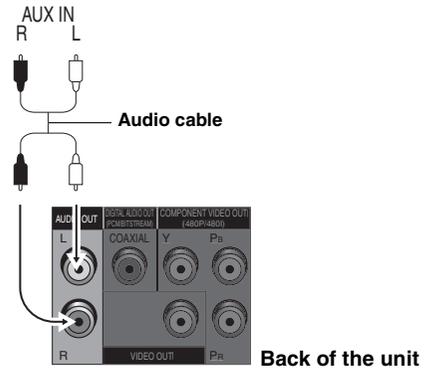※6 Asia
※7 The Middle East, South Africa, Russia, Australia and N.Z.

■ **To enjoy multi-channel surround sound (Digital connection)**

Amplifier with a built-in decoder or a decoder-amplifier combination

COAXIAL IN

Coaxial cable

AUDIO OUT
L

DIGITAL AUDIO OUT
(PCM/BITSTREAM)
COAXIAL

COMPONENT VIDEO OUT
(480P/480I)
Y   P_B

R   VIDEO OUT   P_R

Back of the unit

When you use digital connection
Change "PCM Down Conversion", "Dolby Digital", "DTS Digital Surround" and "MPEG※" in the SETUP menu (➔ page 13).

※MPEG: The Middle East, South Africa, Russia, Australia and N.Z.

■ **To enjoy stereo sound or Dolby Pro Logic (Analog connection)**

Amplifier or system component

AUX IN
R   L

Audio cable

AUDIO OUT
L

DIGITAL AUDIO OUT
(PCM/BITSTREAM)
COAXIAL

COMPONENT VIDEO OUT
(480P/480I)
Y   P_B

R   VIDEO OUT   P_R

Back of the unit

Specifications

Signal system:
| U.S.A. and Canada | NTSC |

| Other areas | PAL 625/50, PAL525/60, NTSC |

Operating temperature range: +5 to +35 °C (+41 to +95 °F)
Operating humidity range: 5 to 90 % RH (no condensation)
Discs played [8 cm (3 ″) or 12 cm (5 ″)]:
  (1) DVD-Video
  (2) DVD-R (DVD-Video compatible)
  (3) CD-Audio (CD-DA)
  (4) Video CD
  (5) CD-R/CD-RW
    (CD-DA, Video-CD, MP3, WMA, JPEG formatted discs)
  (6) MP3/WMA
    ● Maximum number of tracks and groups recognizable:
                        999 tracks and 99 groups
    ● Compatible compression rate:
      MP3:   between 32 kbps and 320 kbps
      WMA: between 48 kbps and 320 kbps
  (7) JPEG
    ● Exif Ver 2.1 JPEG Baseline files
    ● Maximum number of pictures and groups recognizable:
                        3000 pictures and 300 groups
    ● Picture resolution:
              between 320×240 and 6144×4096 pixels
              (sub sampling is 4:2:2 or 4:2:0)

Video output:
  Output level: 1 Vp-p (75 Ω)
  Output connector: Pin jack
  Number of connectors: 1 system

Component video output:
| U.S.A. and Canada | (480P/480I) |

| Other areas | (NTSC: 480P/480I, PAL: 576I) |

  Y output level: 1 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)
  Number of connectors: 1 system

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

Audio performance:
  (1) Frequency response:
    ● DVD (linear audio):   4 Hz−22 kHz (48 kHz sampling)
                             4 Hz−44 kHz (96 kHz sampling)
    ● CD audio: 4 Hz−20 kHz
  (2) S/N ratio:
    ● CD audio: 115 dB
  (3) Dynamic range:
    ● DVD (linear audio):

| U.S.A. and Canada | 100 dB |

| Other areas | 102 dB |

    ● CD audio: 98 dB
  (4) Total harmonic distortion:
    ● CD audio: 0.0025 %

Digital audio output:
  Coaxial digital output: Pin jack

Pickup:
  Wave length: 658 nm/790 nm
  Laser power:

| U.S.A. and Canada | CLASS IIa/CLASS I |

| Other areas | CLASS 2/CLASS 1 |

Power supply:

| U.S.A. and Canada | AC 120 V, 60 Hz |

| Russia, Australia and N.Z. | AC 220−240 V, 50 Hz |

| Other areas | AC 220−240 V, 50/60 Hz |

Power consumption:

| U.S.A. and Canada | 10 W |

| Other areas | 12 W |

Dimensions: 430 (W)×226 (D)×68 (H) mm
              [16 15/16″ (W)×8 14/16″ (D)×2 11/16″ (H)]
Mass: approx. 2.0 kg (4.4 lb.)
Power consumption in standby mode:

| U.S.A. and Canada | 1 W |

| Other areas | 2 W |

Note
Specifications are subject to change without notice. Mass and dimensions are approximate.

Maintenance

Clean this unit with a soft, dry cloth.
● Never use alcohol, paint thinner or benzine to clean this unit.

Language code list

Abkhazian:	6566	Chinese:	9072	Hausa:	7265	Lithuanian:	7684	Romanian:	8279	Telugu:	8469
Afar:	6565	Corsican:	6779	Hebrew:	7387	Macedonian:	7775	Russian:	8285	Thai:	8472
Afrikaans:	6570	Croatian:	7282	Hindi:	7273	Malagasy:	7771	Samoan:	8377	Tibetan:	6679
Albanian:	8381	Czech:	6783	Hungarian:	7285	Malay:	7783	Sanskrit:	8365	Tigrinya:	8473
Ameharic:	6577	Danish:	6865	Icelandic:	7383	Malayalam:	7776	Scots Gaelic:	7168	Tonga:	8479
Arabic:	6582	Dutch:	7876	Indonesian:	7378	Maltese:	7784	Serbian:	8382	Turkish:	8482
Armenian:	7289	English:	6978	Interlingua:	7365	Maori:	7773	Serbo-Croatian:	8372	Turkmen:	8475
Assamese:	6583	Esperanto:	6979	Irish:	7165	Marathi:	7782	Shona:	8378	Twi:	8487
Aymara:	6588	Estonian:	6984	Italian:	7384	Moldavian:	7779	Sindhi:	8368	Ukrainian:	8575
Azerbaijani:	6590	Faroese:	7079	Japanese:	7465	Mongolian:	7778	Singhalese:	8373	Urdu:	8582
Bashkir:	6665	Fiji:	7074	Javanese:	7487	Nauru:	7865	Slovak:	8375	Uzbek:	8590
Basque:	6985	Finnish:	7073	Kannada:	7578	Nepali:	7869	Slovenian:	8376	Vietnamese:	8673
Bengali; Bangla:	6678	French:	7082	Kashmiri:	7583	Norwegian:	7879	Somali:	8379	Volapük:	8679
Bhutani:	6890	Frisian:	7089	Kazakh:	7575	Oriya:	7982	Spanish:	6983	Welsh:	6789
Bihari:	6672	Galician:	7176	Kirghiz:	7589	Pashto, Pushto:	8083	Sundanese:	8385	Wolof:	8779
Breton:	6682	Georgian:	7565	Korean:	7579	Persian:	7065	Swahili:	8387	Xhosa:	8872
Bulgarian:	6671	German:	6869	Kurdish:	7585	Polish:	8076	Swedish:	8386	Yiddish:	7473
Burmese:	7789	Greek:	6976	Laotian:	7679	Portuguese:	8084	Tagalog:	8476	Yoruba:	8979
Byelorussian:	6669	Greenlandic:	7576	Latin:	7665	Punjabi:	8065	Tajik:	8471	Zulu:	9085
Cambodian:	7577	Guarani:	7178	Latvian, Lettish:	7686	Quechua:	8185	Tamil:	8465		
Catalan:	6765	Gujarati:	7185	Lingala:	7678	Rhaeto-Romance:	8277	Tatar:	8484		

RQT7135

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, see "Product information" on page 18 for assistance.

Power
Page

No power.	●Insert the AC power supply cord securely into the household AC outlet.	4
The unit is automatically switched to the standby mode.	●The unit automatically switches to standby after approximately 30 minutes in the stop mode if you set "Auto Power Off" in the SETUP menu. Turn the power back to ON.	13
	●The Sleep timer functioned.	7

No operation

No response when any buttons pressed.	●The unit may not be operating properly due to lightning, static electricity or some other external factor. Turn the unit off and then back to ON. Alternatively, turn the unit off, disconnect the AC power supply cord, and then reconnect it.	–
	●Condensation has formed: Wait 1 to 2 hours for it to evaporate.	–
No response when remote control buttons pressed.	●Check that the batteries are installed correctly.	4
	●The batteries are depleted: Replace them with new ones.	4
	●Point the remote control at the remote control sensor and operate.	5
No picture or sound.	●Check the video or audio connection.	4, 14
	●Check the power or input setting of the connected equipment.	–
You have forgotten your ratings password. Reset all the settings to Factory Preset.	●While stopped, press and hold [I◀◀/◀◀] and [❚❚] on the unit and then also press and hold [▲] on the unit until "Initialized" disappears from the television. Turn the unit off and on again. All settings will return to the default values.	–

Specific operation impossible or incorrect

It takes time before play starts. MP3	●When an MP3 track includes still picture data, it may happen. Even after the track starts, the correct play time will not be displayed, but this is normal.	–
Programmed items are not played. DVD-V	●Some items will not be played even if you programmed them.	–
A menu screen appears during skip or search. VCD	●This is normal for Video CDs.	–

Subtitle

Subtitle position is wrong.	●Adjust the position.	6
No subtitles.	●Display the subtitles.	6
The subtitles overlap closed captions recorded on discs.	●Clear the subtitles.	6

A-B repeat

Point B is automatically determined.	●The end of an item becomes point B when it is reached.	–
A-B repeat is automatically canceled.	●A-B repeat is canceled when you press [QUICK REPLAY].	–

Picture incorrect

Picture distorted.	●Ensure that the unit is connected directly to the television, and is not connected through a video cassette recorder.	4
Picture size doesn't fit the screen.	●Change "TV Aspect" in the SETUP menu.	12
	●Use the television to change the aspect. If your television does not have that function, change "4:3 Aspect" in the Display menu.	11
	●Change the Zoom setting.	6
SETUP menus or other screen displayed incorrectly or colors appear faded.	●The unit and television are using different video systems. The Middle East, South Africa, Russia, Australia and N.Z. Use a multi-system or PAL television. Other areas Use a multi-system or NTSC television.	–
Menu not displayed correctly.	●Restore the zoom ratio to ×1.00.	6
	●Set the subtitle position to 0.	6
	●Set "4:3 Aspect" in the Display menu to "Normal".	11
Ghosting or horizontal line streaking.	●This may be caused as a result of the film or video recording quality, or editing method. You may be able to correct this by selecting "480I" from the picture menu.	11

Progressive video   **Page**

Pictures not in progressive output.	●Select "Enable" in "Progressive Out (Component)" in the SETUP menu. Then, select "480P" in the Picture menu.	**11, 12**
	●If the unit is connected to the television through VIDEO OUT, output will be interlace.	–
Closed captions not displayed.	●When progressive output is on, closed captions will not be displayed.	**11**

Sound incorrect

Sound distorted.	●Turn Advanced Surround off.	**6**
	●Noise may occur when playing WMA files.	–
Piercing noise comes from the speakers.	●If you have connected a digital amplifier which does not include decoder, be sure to select "PCM" in "Dolby Digital", "DTS Digital Surround" or "MPEG※" in the SETUP menu.	**13**
Effects do not work.	●Dialogue Enhancer and Advanced Surround do not work when the unit is outputting bitstream signals.	–
	●Dialogue Enhancer and Advanced Surround do not work or have less effect with some discs.	–

Recording

Cannot record to digital recording equipment. (Incorrect sound recorded.)	●You cannot record WMA/MP3.	–
	●You cannot record DVDs that have protection preventing digital recording.	–
	●You cannot record DVDs if the recording equipment cannot handle signals with a sampling frequency of 48 kHz.	–
	●Make the following settings:	
	– Advanced Surround: OFF	**6**
	– PCM Down Conversion: Yes	**13**
	– Dolby Digital/DTS Digital Surround/MPEG※: PCM	**13**

Unit displays

"noPLAy"	●You inserted a disc the unit cannot play; insert one it can.	**3**
	●You inserted a blank disc.	–
"U11"	●Disc is dirty: Wipe it clean.	**3**
"U15"	●You inserted a DVD-R that has not been finalized.	**3**
"H□□" **□□ stands for a number.**	●Trouble may have occurred. The number following "H" depends on the status of the unit. Turn the unit off and then back to ON. Alternatively, turn the unit off, disconnect the AC power supply cord, and then reconnect it.	–
	●If the service numbers fail to clear, note the service number and contact a qualified service person.	–
"nodISC"	●You haven't inserted a disc: Insert one.	–
	●You haven't inserted the disc correctly: Insert it correctly.	**5**

Television displays

"⊘"	●The operation is prohibited by the unit or disc.	–
"Cannot display group xx, picture xx"	●You are trying to display incompatible pictures.	**9**
"The progressive out is set to "Disable""	●Select "Enable" in "Progressive Out (Component)" in the SETUP menu.	**12**
"This disc may not be played in your region"	●You can only play DVD-Video if their region number is the same or includes the same region number as the unit or if the DVD-Video is marked "ALL". Confirm the region number for the unit on the rear panel.	**Cover**
No on-screen display.	●Select "On" in "On-Screen Messages" in the SETUP menu.	**13**
On-screen display only partially displayed.	●Press [DISPLAY], and press [◀ ▶] to highlight the icon at the right end, then press [▲ ▼] to adjust the position.	**10, 11**

※MPEG: ⬛The Middle East, South Africa, Russia, Australia and N.Z.⬛

Troubleshooting guide

Limited Warranty (ONLY FOR U.S.A.)

Panasonic Consumer Electronics Company,
Division of Matsushita Electric Corporation of America
One Panasonic Way Secaucus, New Jersey 07094

Panasonic Sales Company, Division of Matsushita Electric
of Puerto Rico, Inc.,
Ave. 65 de Infantería, Km. 9.5
San Gabriel Industrial Park, Carolina, Puerto Rico 00985

Panasonic DVD Player Limited Warranty

Limited Warranty Coverage
If your product does not work properly because of a defect in materials or workmanship, Panasonic Consumer Electronics Company or Panasonic Sales Company (collectively referred to as "the warrantor") will, for the length of the period indicated on the chart below, which starts with the date of original purchase ("Limited Warranty period"), at its option either (a) repair your product with new or refurbished parts, or (b) replace it with a new or a refurbished product. The decision to repair or replace will be made by the warrantor.

Product or Part Name	Parts	Labor
DVD Player	One (1) Year	Ninety (90) Days
Rechargeable Batteries (in exchange for defective item)	Ten (10) Days	Not Applicable

During the "Labor" Limited Warranty period there will be no charge for labor. During the "Parts" warranty period, there will be no charge for parts. You must mail-in your product during the warranty period. If non-rechargeable batteries are included, they are not warranted. This Limited Warranty only applies to products purchased and serviced in the United States or Puerto Rico. This Limited Warranty is extended only to the original purchaser and only covers product purchased as new. A purchase receipt or other proof of original purchase date is required for Limited Warranty service.

Mail-In Service
For assistance in the continental U.S.A. in obtaining repairs please ship the product to:
Panasonic Services Company
Customer Servicenter
Suite B
4900 George McVay Drive
McAllen, TX 78503
For assistance in Puerto Rico call Panasonic Sales Company (787)-750-4300 or fax (787)-768-2910.

When shipping the unit carefully pack and send it prepaid, adequately insured and preferably in the original carton. Include a letter detailing the complaint and provide a day time phone and/or email address where you can be reached.

IF REPAIR IS NEEDED DURING THE LIMITED WARRANTY PERIOD THE PURCHASER WILL BE REQUIRED TO FURNISH A SALES RECEIPT/PROOF OF PURCHASE INDICATING DATE OF PURCHASE, AMOUNT PAID AND PLACE OF PURCHASE. CUSTOMER WILL BE CHARGED FOR THE REPAIR OF ANY UNIT RECEIVED WITHOUT SUCH PROOF OF PURCHASE.

Limited Warranty Limits And Exclusions
This Limited Warranty ONLY COVERS failures due to defects in materials or workmanship, and DOES NOT COVER normal wear and tear or cosmetic damage. The Limited Warranty ALSO DOES NOT COVER damages which occurred in shipment, or failures which are caused by products not supplied by the warrantor, or failures which result from accidents, misuse, abuse, neglect, mishandling, misapplication, alteration, faulty installation, set-up adjustments, misadjustment of consumer controls, improper maintenance, power line surge, lightning damage, modification, or commercial use (such as hotel, office, restaurant, or other business), rental use of the product, or service by anyone other than a Factory Servicenter or other Authorized Servicer, or damage that is attributable to acts of God.

THERE ARE NO EXPRESS WARRANTIES EXCEPT AS LISTED UNDER "LIMITED WARRANTY COVERAGE". THE WARRANTOR IS NOT LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THIS PRODUCT, OR ARISING OUT OF ANY BREACH OF THIS WARRANTY. (As examples, this excludes damages for lost time, cost of having someone remove or re-install an installed unit if applicable, travel to and from the servicer, loss of or damage to media or images, data or other recorded content. The items listed are not exclusive, but are for illustration only.) **ALL EXPRESS AND IMPLIED WARRANTIES, INCLUDING THE WARRANTY OF MERCHANTABILITY, ARE LIMITED TO THE PERIOD OF THE LIMITED WARRANTY.**

Some states do not allow the exclusion or limitation of incidental or consequential damages, or limitations on how long an implied Limited Warranty lasts, so the exclusions may not apply to you.

This Limited Warranty gives you specific legal rights and you may also have other rights which vary from state to state. If a problem with this product develops during or after the Limited Warranty period, you may contact your dealer or Servicenter. If the problem is not handled to your satisfaction, then write to the warrantor's Consumer Affairs Department at the addresses listed for the warrantor.

PARTS AND SERVICE, WHICH ARE NOT COVERED BY THIS LIMITED WARRANTY, ARE YOUR RESPONSIBILITY.

Customer Services Directory

For Product Information, Operating Assistance, Literature Request, Dealer Locations, and Customer Service inquiries please visit Web Site:
http://www.panasonic.com
You can purchase parts, accessories, locate your nearest servicenter and more by visiting our Web Site
or E-mail us via web:
http://www.panasonic.com/consumer_electronics/support/customerfeedback.asp
Contact:
1-800-211-PANA (7262),
Monday–Friday 9 am–9 pm; Saturday–Sunday 10 am–7 pm, EST.

For hearing or speech impaired TTY users, TTY: 1-877-833-8855

Accessory Purchases

1-800-332-5368 (Customer Orders Only)
1-800-237-9080 (Fax Only)
(Monday–Friday 9 am to 8 pm, EST.) Panasonic Services Company
20421 84th Avenue South, Kent, WA 98032
(Accepts Visa, MasterCard, Discover Card, American Express, and Personal Check)

For hearing or speech impaired TTY users, TTY: 1-866-605-1277

Service in Puerto Rico
Matsushita Electric of Puerto Rico, Inc. Panasonic Sales Company/Factory Servicenter:
Ave. 65 de Infanteria, Km. 9.5, San Gabriel Industrial Park, Carolina, Puerto Rico 00985
Phone (787) 750-4300   Fax (787) 768-2910

F0102NY2043

Product Service

1. **Damage requiring service**—The unit should be serviced by qualified service personnel if:
   (a) The AC power supply cord or AC adaptor has been damaged; or
   (b) Objects or liquids have gotten into the unit; or
   (c) The unit has been exposed to rain; or
   (d) The unit does not operate normally or exhibits a marked change in performance; or
   (e) The unit has been dropped or the cabinet damaged.
2. **Servicing**—Do not attempt to service the unit beyond that described in these operating instructions. Refer all other servicing to authorized servicing personnel.
3. **Replacement parts**—When parts need replacing ensure the servicer uses parts specified by the manufacturer or parts that have the same characteristics as the original parts. Unauthorized substitutes may result in fire, electric shock, or other hazards.

4. **Safety check**—After repairs or service, ask the servicer to perform safety checks to confirm that the unit is in proper working condition.

Product information

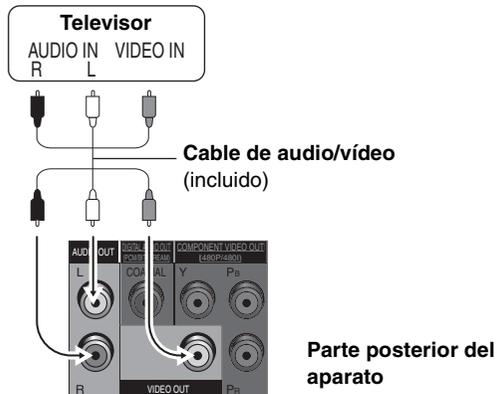For product information or assistance with product operation:

In the U.S.A., contact the Panasonic Customer Call Center at 1-800-211-7262, or e-mail consumerproducts@panasonic.com, or the website (http://www.panasonic.com).

In Canada, contact the Panasonic Canada Inc. Customer Care Centre at 1-800-561-5505, or visit the website (www.panasonic.ca), or an authorized Servicentre closest to you.
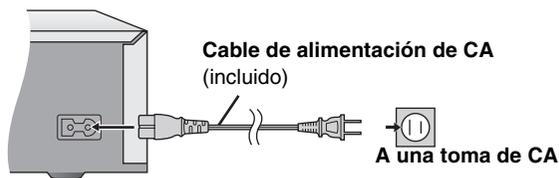
In other areas, consult your dealer.

Referencia rápida en español

Conexiones

■ Conexión a un televisor

Televisor
AUDIO IN   VIDEO IN
R   L

Cable de audio/vídeo
(incluido)

Parte posterior del aparato

AUDIO OUT
L
R   VIDEO OUT   PR

■ Conecte el cable de alimentación de CA el último

Cable de alimentación de CA
(incluido)

A una toma de CA

PREPARACIÓN RÁPIDA

Encienda el televisor y seleccione la entrada de vídeo apropiada en el mismo.

1	[⏻]	Encienda.
2	[SETUP]	Muestra la pantalla QUICK SETUP.
3	[▲ ▼ ◄ ►] [ENTER] [RETURN]	Pulse [▲ ▼] para seleccionar "Español" y pulse [ENTER]. Siga el mensaje y haga los ajustes.
4	[ENTER]	Pulse para terminar PREPARACIÓN RÁPIDA.
5	[SETUP]	Pulse para salir.

Reproducción básica

1	[⏻]	Encienda.
2	[▲]	Abra la bandeja del disco.
3		Introduzca el disco.
4	[►] (PLAY)	Inicie la reproducción.

Parada [■]	La posición se memoriza cuando "▷" parpadea en el visualizador. ● Pulse [►] (PLAY) para proseguir. ● Pulse [■] para borrar la posición.
Pausa [❚❚]	● Pulse [►] (PLAY) para iniciar la reproducción.
Salto [⏮ ⏭]	**(Salto de grupo JPEG [▲ ▼])**
Búsqueda (durante la reproducción) [◄◄ ►►]	● Hasta 5 pasos ● Pulse [►] (PLAY) para iniciar la reproducción.
Cámara lenta (durante la pausa) [◄◄ ►►]	● VCD Cámara lenta, sentido de avance solamente
Cuadro a cuadro (durante la pausa) [◄ ►]	● VCD Sentido de avance solamente
Selección de elemento en pantalla [▲ ▼ ◄ ►] [ENTER]	
Introduzca número Botones numerados	DVD-V VCD CD Ej.: Para seleccionar 12: [≧10] ➝ [1] ➝ [2] WMA MP3 JPEG Ej.: Para seleccionar 123: [1] ➝ [2] ➝ [3] ➝ [ENTER]
Menú de disco [TOP MENU]	DVD-V Muestra un menú inicial de disco
[MENU]	DVD-V Muestra un menú de disco
[RETURN]	VCD Muestra un menú inicial de disco
Vuelta a la pantalla anterior [RETURN]	
Visualizador del aparato principal [FL SELECT]	Visualización de números ↑ ↓ Visualización de tiempo

ESPAÑOL

CAUTION -	LASER RADIATION WHEN OPEN. DO NOT STARE INTO BEAM. FDA 21 CFR / Class II
CAUTION -	VISIBLE AND INVISIBLE LASER RADIATION WHEN OPEN. AVOID EXPOSURE TO BEAM. IEC60825-1 / Class 3b
ATTENTION -	RAYONNEMENT LASER VISIBLE ET INVISIBLE EN CAS D'OUVERTURE, EXPOSITION DANGEREUSE AU FAISCEAU.
ADVARSEL -	SYNLIG OG USYNLIG LASERSTRÅLING VED ÅBNING. UNDGÅ UDSÆTTELSE FOR STRÅLING.
VARO! -	AVATTAESSA OLET ALTTIINA NÄKYVÄÄ JA NÄKYMÄTÖN LASERSÄTEILYLLE. ÄLÄ KATSO SÄTEESEEN.
VARNING -	SYNLIG OCH OSYNLIG LASERSTRÅLNING NÄR DENNA DEL ÄR ÖPPNAD. BETRAKTA EJ STRÅLEN.
ADVARSEL -	SYNLIG OG USYNLIG LASERSTRÅLING NÅR DEKSEL ÅPNES, UNNGÅ EKSPONERING FOR STRÅLEN.
VORSICHT -	SICHTBARE UND UNSICHTBARE LASERSTRAHLUNG, WENN ABDECKUNG GEÖFFNET, NICHT DEM STRAHL AUSSETZEN.
注意 -	打开时有可见及不可见激光辐射。避免激光束照射。
注意 -	ここを開くと可視及び不可視レーザー光が出ます。 ビームを見たり、触れたりしないでください。 RQLCA0141

(Inside of product)

CLASS 1 LASER PRODUCT

The laser product label has not been attached to products for the U.S.A. and Canada.

Units for the Middle East, South Africa and Asia
THIS UNIT IS INTENDED FOR USE IN TROPICAL CLIMATES.

Units for Australia, N.Z. and Russia
THIS UNIT IS INTENDED FOR USE IN MODERATE CLIMATES.

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.

Except for U.S.A. and Canada

The socket outlet shall be installed near the equipment and easily accessible or the mains plug or an appliance coupler shall remain readily operable.

PRINTED WITH SOY INK ™
This manual was printed with soy based ink.

The model number and serial number of this product can be found on either the back or the bottom of the unit. Please note them in the space provided below and keep for future reference.

MODEL NUMBER _____

SERIAL NUMBER _____

User memo:

DATE OF PURCHASE _____
DEALER NAME _____
DEALER ADDRESS _____
_____
TELEPHONE NUMBER _____