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.

Region number
The player plays DVD-Video marked with labels containing the region number or “ALL.”

<table>
<thead>
<tr>
<th>Region</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>U.S.A. and Canada</td>
<td>1</td>
</tr>
<tr>
<td>The Middle East and South Africa</td>
<td>2</td>
</tr>
<tr>
<td>Asia</td>
<td>3</td>
</tr>
<tr>
<td>Australia and N.Z.</td>
<td>4</td>
</tr>
<tr>
<td>Russia</td>
<td>5</td>
</tr>
</tbody>
</table>

Example: U.S.A. and Canada

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

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RQT7135-P
IMPORTANT SAFETY INSTRUCTIONS

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

This appliance should be operated from a power source of the type described in this
literature.

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.
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 1-800-332-3568 or the website (http://www.panasonic.com).

*(For other areas)* To order accessories, call the dealer from whom you have made your purchase.

- **Remote control**
  - U.S.A. and Canada: EUR7621070
  - Other areas: EUR7621080
- **AC power supply cord**
  - U.S.A. and Canada: RJA0065-K
  - Australia and N.Z.: RJA0035-2X
  - Other areas: RJA0019-2X
- **Audio/video cable** (JAC3315N)
- **Remote control batteries**

### Disc information

#### Discs that can be played

<table>
<thead>
<tr>
<th>DVD-Video</th>
<th>DVD-R</th>
<th>Video CD</th>
<th>CD</th>
<th>CD-R/RW</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="DVD-Video" /></td>
<td><img src="image" alt="DVD-R" /></td>
<td><img src="image" alt="Video CD" /></td>
<td><img src="image" alt="CD" /></td>
<td><img src="image" alt="CD-R/RW" /></td>
</tr>
</tbody>
</table>

- **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.**

- **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).**

- **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.**

- **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.**

- **PAL discs cannot be played.**

#### Discs that cannot be played


#### 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 (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.
**STEP 1 The remote control**

- **Batteries**
  - 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.

- **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**

Audio/video cable (included)

Audio cable

Video cables

**Television with COMPONENT VIDEO IN terminals**

**STEP 3 QUICK SETUP**

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

Conserving power

This unit consumes a small amount of power, even when it is turned off.

<table>
<thead>
<tr>
<th>Region</th>
<th>Power Consumption</th>
</tr>
</thead>
<tbody>
<tr>
<td>U.S.A. and Canada</td>
<td>1 W</td>
</tr>
<tr>
<td>Other areas</td>
<td>2 W</td>
</tr>
</tbody>
</table>

To save power when the unit is not to be used for a long time, unplug it from the household AC outlet.

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

**To change these settings later**

Select “QUICK SETUP” in the SETUP menu ➜ page 13.
Basic play

1. Power ON.

2. Open the disc tray.

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

Pause

Press [I] (PLAY) to start play.

Search (during play)

Slow-motion (during pause)

Frame-by-frame (during pause)

On-screen item select

Note

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

Enter number

Disc menu

Return to previous screen

Main unit display

Information 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.

Standby/on indicator (I)

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.
Increasing your enjoyment of movies

**Advanced Surround**
Virtual surround with television’s speakers

**Picture Mode**
Picture quality suitable for movies

**Subtitle**
Subtitle

**Zoom**
Expanding the picture to fit the screen

### 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 [2] and [3].
- 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].

- **Normal**: Normal mode.
- **Cinema1**: Mellows images and enhances detail in dark scenes.
- **Cinema2**: Sharpenes 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**

**Language**

- **Position**

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.

- **4:3 Standard**
- **European Vista**
- **16:9 Standard**

- **Zoom ratio**

<table>
<thead>
<tr>
<th>Video format</th>
<th>Zoom ratio</th>
<th>American Vista</th>
<th>American Cinemascope 1</th>
<th>American Cinemascope 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>4:3 Standard</td>
<td>4:3</td>
<td>1.85:1</td>
<td>1.85:1</td>
<td>2.35:1</td>
</tr>
<tr>
<td>European Vista</td>
<td>1.66:1</td>
<td>1.66:1</td>
<td>2.35:1</td>
<td>2.55:1</td>
</tr>
<tr>
<td>16:9 Standard</td>
<td>16:9</td>
<td>16:9</td>
<td>2.35:1</td>
<td>2.55:1</td>
</tr>
</tbody>
</table>

**Fine adjustments**

Press [▲ ▼].

- from ×1.00 to ×1.60 (in 0.01 units)
- from ×1.60 to ×2.00 (in 0.02 units)
Sleep timer

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

Quick replay

[QUICK REPLAY] (Only when the elapsed play time can be displayed)

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

Position memory

[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].

Audio

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 *

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".

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 *

Signal type/data

LP (Digital/DTS/MPEG: Signal type
k (kHz): Sampling frequency
b (bit): Number of bits
ch (channel): Number of channels
Example: 32k/2.1ch
Convenient functions

Starting play from a selected group

1 Press [GROUP].
2 Press [GROUP] to select the item and press [ENTER].

Program play (up to 32 items)

1 While stopped, press [PLAY MODE].
2 Press the numbered buttons to select the items (WMA, MP3) then press [ENTER].
3 Press [►] (PLAY).

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 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.

Starting program and random play

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

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

Angle/Picture rotation

Press [ANGLE/PAGE] to select the angle.

Repeat play

(Only when the elapsed play time can be displayed)

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

Repeat play

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

1. Shows navigation menu.
   - Press [TOP MENU].

2. Select the item.
   - Press [ ] to select “Find” and press [ENTER].

3. Press to enter.
   - Repeat this step to enter “O”, “V” and “E”.

4. Press to exit.
   - To show tree screen
   - To show next page

Search methods (while the navigation menu is displayed)

Using the tree screen

- Press [ ] to select “Find” and press [ENTER].
- The track currently playing
- To show tree screen
- To show previous page
- To show next page
- Track title next page

Using a track title

- Press [ ] to select “Find” and press [ENTER].
- Repeat this step to enter “O”, “V” and “E”.
- Lower case is also searched.
- Press [ ] to erase a character.
- Erase the asterisk (*) to search for the titles starting with that word.

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

- Naming folders and files 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

At the time of recording, prefix folder names with 3-digit numbers

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

<table>
<thead>
<tr>
<th>Step</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Press once.</td>
</tr>
<tr>
<td>2</td>
<td>Select the icon.</td>
</tr>
<tr>
<td>3</td>
<td>Make the settings.</td>
</tr>
<tr>
<td>4</td>
<td>Press if the setting doesn't change.</td>
</tr>
<tr>
<td>5</td>
<td>Press to exit.</td>
</tr>
</tbody>
</table>

### DVD-V
- To see the current playback item
- To start from a specific item
- To change the soundtrack/subtitle/angle

### VCD
- To see the current playback location
- To start from a specific time
- To change the audio channel

### CD
- To see the current playback item in disc
- To start from a specific item on the disc
- Indicates whether playback control is on or off

### WMA
- To see the current playback location
- To start from a specific time
- To turn on/off slideshow
- To change the slideshow timing (0–30 sec)

### MP3
- To see the current playback location
- To start from a specific time
- To turn on/off information screen
- To change the position of the icons

### JPEG
- Displays the current bitrate or sampling frequency
- To turn on/off information screen

### To see the playback position

<table>
<thead>
<tr>
<th>Step</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Press twice.</td>
</tr>
<tr>
<td>2</td>
<td>Change the playback time display.</td>
</tr>
<tr>
<td>3</td>
<td>Press to exit.</td>
</tr>
</tbody>
</table>

---

**Notes:**
- DVD-V (Karaoke discs)
- To turn on/off vocal
- Displays the current bitrate or sampling frequency
- To change the audio channel
- To turn on/off slideshow
- To change the slideshow timing (0–30 sec)
- To turn on/off information screen
- To change the position of the icons

---

**Current position**

**Condition – play, pause, or slow/search**
To change unit setting

1. Press three times.
2. Select the menu.
3. Select the icon.
4. Operate.
5. Press to exit.

Play menu–Change play sequence

- DVD VCD CD WMA MP3
- A B

- To repeat a specified section (A-B repeat)
  - Press [ENTER] at the starting and ending points.
  - Press [ENTER] again to cancel.

- DVD VCD CD WMA MP3 JPEG

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

- To mark a position to play again (Marker)
  - Press [ENTER] to highlight the first asterisk
  - 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

  - 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

  - To expand the picture to fill the screen (➡️ page 6, Zoom)

  - To change the subtitle position and brightness (➡️ page 6, Subtitle)

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

Picture menu–Change picture quality

- To select the preset picture quality (➡️ page 6, Picture Mode)

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

- 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

- To enjoy virtual surround with television’s speakers (➡️ page 6, Advanced Surround)

- [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.
Changing the player settings

<table>
<thead>
<tr>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>SETUP</strong></td>
<td><strong>Select the tab.</strong></td>
<td><strong>Select the item.</strong></td>
<td><strong>Press to enter</strong></td>
<td><strong>Make the settings.</strong></td>
<td><strong>Press to exit.</strong></td>
</tr>
</tbody>
</table>

- 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

<table>
<thead>
<tr>
<th>Item</th>
<th>Setting</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Audio</strong></td>
<td>Choose the audio language.</td>
</tr>
</tbody>
</table>
| 🌐 English | 🌐 (Language options)
| 🌐 Original | 🌐 Other |
| **Subtitle** | Choose the subtitle language. |
| 🌐 Automatic | 🌐 English | 🌐 (Language options)
| 🌐 Other |
| **Menus** | Choose the language for disc menus. |
| 🌐 English | 🌐 (Language options)
| 🌐 Other |
| **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. |
| ● No Limit |
| ● 1 to 7 |
| ● Lock All: To prevent play of discs without ratings levels. |

### “Video” tab — To enable progressive output or to make settings to suit your television

<table>
<thead>
<tr>
<th>Item</th>
<th>Setting</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>TV Aspect</strong></td>
<td>Choose the setting to suit your television and preference.</td>
</tr>
<tr>
<td>🌐 4:3 PanScan: Regular aspect television (4:3)</td>
<td>The sides of the widescreen picture are cut off so it fills the screen (unless prohibited by the disc).</td>
</tr>
<tr>
<td>🌐 4:3 Letterbox: Regular aspect television (4:3)</td>
<td>Widescreen picture is shown in the letterbox style.</td>
</tr>
<tr>
<td>🌐 16:9: Widescreen television (16:9)</td>
<td></td>
</tr>
<tr>
<td><strong>Progressive Out (Component)</strong></td>
<td>Choose “Enable” to enable progressive output.</td>
</tr>
<tr>
<td>🌐 Disable: Interface output</td>
<td>🌐 Enable or 🌐 Enable (NTSC Disc Only): Progressive output</td>
</tr>
<tr>
<td><strong>Still Mode</strong></td>
<td>Specify the type of picture shown when paused.</td>
</tr>
<tr>
<td>🌐 Automatic</td>
<td></td>
</tr>
<tr>
<td>🌐 Field: The picture is not blurred, but picture quality is lower. (Two fields appear alternately to make up one frame.)</td>
<td></td>
</tr>
<tr>
<td>🌐 Frame: Overall quality is high, but the picture may appear blurred. (Frame is a unit of moving pictures.)</td>
<td></td>
</tr>
<tr>
<td><strong>Black Level Control</strong></td>
<td>Change the black level of the picture if you connected a television through the COMPONENT VIDEO OUT terminals.</td>
</tr>
<tr>
<td>🌐 Lighter: When connected through VIDEO OUT</td>
<td></td>
</tr>
<tr>
<td>🌐 Darker: When connected through COMPONENT VIDEO OUT</td>
<td></td>
</tr>
<tr>
<td><strong>NTSC Disc Output</strong></td>
<td>Choose PAL 60 or NTSC output when playing NTSC discs (➔ page 3, Video systems).</td>
</tr>
<tr>
<td>🌐 PAL60: When connected to a PAL television</td>
<td></td>
</tr>
</tbody>
</table>
| 🌐 NTSC: When connected to an NTSC television (For Asia: “NTSC” is the factory preset.)
**“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**
- **Bitstream**
- **PCM**

**DTS Digital Surround**
- **Bitstream**
- **PCM**

**MPEG**
- **Bitstream**
- **PCM**

**Dynamic Range Compression**
- **Off**: 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.
- **On**: Sound during search.
- **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.
- **English**
- **Français**
- **Español**

**On-Screen Messages**
Choose whether to show on-screen messages or not.
- **On**: On-screen messages are shown.
- **Off**: Off-screen messages are not shown.

**FL Dimmer**
Changes the brightness of the unit’s display.
- **Bright**: Brightness is increased.
- **Dim**: Brightness is decreased.
- **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.
- **Off**: The unit switches to standby mode after about 30 minutes in the stop mode, irrespective of the SLEEP setting.

**Mixed Disc – Audio & Stills**
Select the type of file played on discs containing both JPEG and WMA/MP3.
- **Audio (MP3/WMA)**
- **Stills (JPEG)**

**Demo**
- **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**: Yes
- **No**: No

---

*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

**The original language designed on the disc is selected.**

**Input a code number referring to the table on page 15.**

**If the language selected for “Audio” is not available, subtitle appear in that language (If available on the disc).**

**Note**
Select “Bitstream” when the equipment can decode the bitstream (digital form of multi-channel data). Otherwise, select “PCM”.

**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**
- **Bitstream**
- **PCM**

**DTS Digital Surround**
- **Bitstream**
- **PCM**

**MPEG**
- **Bitstream**
- **PCM**

**Dynamic Range Compression**
- **Off**: 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.
- **On**: Sound during search.
- **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.
- **English**
- **Français**
- **Español**

**On-Screen Messages**
Choose whether to show on-screen messages or not.
- **On**: On-screen messages are shown.
- **Off**: Off-screen messages are not shown.

**FL Dimmer**
Changes the brightness of the unit’s display.
- **Bright**: Brightness is increased.
- **Dim**: Brightness is decreased.
- **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.
- **Off**: The unit switches to standby mode after about 30 minutes in the stop mode, irrespective of the SLEEP setting.

**Mixed Disc – Audio & Stills**
Select the type of file played on discs containing both JPEG and WMA/MP3.
- **Audio (MP3/WMA)**
- **Stills (JPEG)**

**Demo**
- **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**: Yes
- **No**: No
Home Theater – Enjoying more powerful sound

To enjoy multi-channel surround sound
(Digital connection)
- Amplifier with a built-in decoder or a decoder-amplifier combination

To enjoy stereo sound or Dolby Pro Logic
(Antalog connection)
- Amplifier or system component

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.
Specifications

Signal system:
- U.S.A. and Canada: PAL 625/50, PAL 525/60, NTSC
- Other areas: NTSC

Operating temperature range: +5°C to +35°C (+41°F 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
  - 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 640×4096 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) (NTSC: 480P/480I, PAL: 576I)
- Other areas: (480P/480I)
  - Y output level: 1 Vp-p (75 Ω)
  - Pb output level: 0.7 Vp-p (75 Ω)
  - Pr output level: 0.7 Vp-p (75 Ω)
  - Output connector: Pin jack (Y: green, Pb: blue, Pr: 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)
  - CD audio: 4 Hz–20 kHz
- (2) S/N ratio:
  - DVD (linear audio): 100 dB
  - Other audio: 102 dB
- (3) Dynamic range:
  - DVD (linear audio): 98 dB
  - Other audio: 102 dB
- (4) Total harmonic distortion:
  - DVD (linear audio): 0.0025%

Digital audio output:
- Coaxial digital output: Pin jack

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

Power consumption:
- U.S.A. and Canada:
  - CLASS Ia/CLASS I
- Other areas:
  - CLASS 2/CLASS 1

Power supply:
- U.S.A. and Canada: AC 120 V, 60 Hz
- Other areas: AC 220–240 V, 50 Hz

Power consumption in standby mode:
- U.S.A. and Canada: 1 W
- Other areas: 2 W

Dimensions:
- [16 11/16" (W) × 8 11/16" (H) × 3 15/16" (D)]
  - U.S.A. and Canada: 300×226×68 (H) mm
  - Other areas: 300×226×68 (H) mm

Mass:
- Approx. 2.0 kg (4.4 lb.)

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

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Abkhazian</td>
<td>6566</td>
<td>Azerbaijani</td>
<td>5906</td>
<td>Bashkir</td>
<td>6665</td>
<td>Basque</td>
<td>6985</td>
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<td>Afar</td>
<td>6565</td>
<td>Corsican</td>
<td>6779</td>
<td>Bashkir</td>
<td>6665</td>
<td>Basque</td>
<td>6985</td>
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<td>Afrikaans</td>
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<td>Croatian</td>
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<td>Armenic</td>
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<td>6985</td>
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<td>Basque</td>
<td>6985</td>
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<td>Bashkir</td>
<td>6665</td>
<td>Basque</td>
<td>6985</td>
</tr>
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<td>Bengali; Bangla</td>
<td>6876</td>
<td>French</td>
<td>7062</td>
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<td>6665</td>
<td>Basque</td>
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<td>6665</td>
<td>Basque</td>
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<td>7176</td>
<td>Bashkir</td>
<td>6665</td>
<td>Basque</td>
<td>6985</td>
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<tr>
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<td>6682</td>
<td>Georgian</td>
<td>7565</td>
<td>Bashkir</td>
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<td>6665</td>
<td>Basque</td>
<td>6985</td>
</tr>
</tbody>
</table>
# Troubleshooting guide

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

<table>
<thead>
<tr>
<th>Condition</th>
<th>Solution</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>No power.</td>
<td>• Insert the AC power supply cord securely into the household AC outlet.</td>
<td>4</td>
</tr>
<tr>
<td>The unit is automatically switched to the standby mode.</td>
<td>• 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.</td>
<td>13</td>
</tr>
<tr>
<td></td>
<td>• The Sleep timer functioned.</td>
<td>7</td>
</tr>
</tbody>
</table>

## No operation

<table>
<thead>
<tr>
<th>Condition</th>
<th>Solution</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>No response when any buttons pressed.</td>
<td>• 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.</td>
<td>–</td>
</tr>
<tr>
<td></td>
<td>• Condensation has formed: Wait 1 to 2 hours for it to evaporate.</td>
<td>–</td>
</tr>
<tr>
<td>No response when remote control buttons pressed.</td>
<td>• Check that the batteries are installed correctly.</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>• The batteries are depleted: Replace them with new ones.</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>• Point the remote control at the remote control sensor and operate.</td>
<td>5</td>
</tr>
<tr>
<td>No picture or sound.</td>
<td>• Check the video or audio connection.</td>
<td>4, 14</td>
</tr>
<tr>
<td>You have forgotten your ratings password.</td>
<td>• While stopped, press and hold [vvv/vvv] and [lll/lll] on the unit and then also press and hold [a] on the unit until “Initialized” disappears from the television. Turn the unit off and on again. All settings will return to the default values.</td>
<td>–</td>
</tr>
</tbody>
</table>

## Specific operation impossible or incorrect

<table>
<thead>
<tr>
<th>Condition</th>
<th>Solution</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>It takes time before play starts. MP3</td>
<td>• 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.</td>
<td>–</td>
</tr>
<tr>
<td>Programmed items are not played. DVD/VCD</td>
<td>• Some items will not be played even if you programmed them.</td>
<td>–</td>
</tr>
<tr>
<td>A menu screen appears during skip or search.</td>
<td>• This is normal for Video CDs.</td>
<td>–</td>
</tr>
</tbody>
</table>

## Subtitle

<table>
<thead>
<tr>
<th>Condition</th>
<th>Solution</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Subtitle position is wrong.</td>
<td>• Adjust the position.</td>
<td>6</td>
</tr>
<tr>
<td>No subtitles.</td>
<td>• Display the subtitles.</td>
<td>6</td>
</tr>
<tr>
<td>The subtitles overlap closed captions recorded on discs.</td>
<td>• Clear the subtitles.</td>
<td>6</td>
</tr>
</tbody>
</table>

## A-B repeat

<table>
<thead>
<tr>
<th>Condition</th>
<th>Solution</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Point B is automatically determined.</td>
<td>• The end of an item becomes point B when it is reached.</td>
<td>–</td>
</tr>
<tr>
<td>A-B repeat is automatically canceled.</td>
<td>• A-B repeat is canceled when you press [QUICK REPLAY].</td>
<td>–</td>
</tr>
</tbody>
</table>

## Picture incorrect

<table>
<thead>
<tr>
<th>Condition</th>
<th>Solution</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Picture distorted.</td>
<td>• Ensure that the unit is connected directly to the television, and is not connected through a video cassette recorder.</td>
<td>4</td>
</tr>
<tr>
<td>Picture size doesn’t fit the screen.</td>
<td>• Change “TV Aspect” in the SETUP menu.</td>
<td>12</td>
</tr>
<tr>
<td></td>
<td>• Use the television to change the aspect.</td>
<td>11</td>
</tr>
<tr>
<td></td>
<td>• Change “4:3 Aspect” in the Display menu.</td>
<td>6</td>
</tr>
<tr>
<td>SETUP menus or other screen displayed incorrectly or colors appear faded.</td>
<td>• The unit and television are using different video systems.</td>
<td>–</td>
</tr>
<tr>
<td></td>
<td>• Use a multi-system or PAL television.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Use a multi-system or NTSC television.</td>
<td></td>
</tr>
<tr>
<td>Menu not displayed correctly.</td>
<td>• Restore the zoom ratio to ×1.00.</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>• Set the subtitle position to 0.</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>• Set “4:3 Aspect” in the Display menu to “Normal”.</td>
<td>11</td>
</tr>
<tr>
<td>Ghosting or horizontal line streaking.</td>
<td>• 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.</td>
<td>11</td>
</tr>
</tbody>
</table>
### Progressive video

<table>
<thead>
<tr>
<th>Issue</th>
<th>Solution</th>
</tr>
</thead>
</table>
| Pictures not in progressive output. | ● Select “Enable” in “Progressive Out (Component)” in the SETUP menu. Then, select “480P” in the Picture menu.  
● 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. |

### Sound incorrect

<table>
<thead>
<tr>
<th>Issue</th>
<th>Solution</th>
</tr>
</thead>
</table>
| Sound distorted. | ● Turn Advanced Surround off.  
● 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. |
| 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

<table>
<thead>
<tr>
<th>Issue</th>
<th>Solution</th>
</tr>
</thead>
</table>
| 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  
  – PCM Down Conversion: Yes  
  – Dolby Digital/DTS Digital Surround/MPEG*: PCM |

### Unit displays

<table>
<thead>
<tr>
<th>Code</th>
<th>Solution</th>
</tr>
</thead>
</table>
| “noPLAY” | ● You inserted a disc the unit cannot play; insert one it can.  
● You inserted a blank disc. |
| “U11” | ● Disc is dirty: Wipe it clean. |
| “U15” | ● You inserted a DVD-R that has not been finalized. |
| “H□□” | ● 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. |

### Television displays

<table>
<thead>
<tr>
<th>Code</th>
<th>Solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>“O”</td>
<td>● The operation is prohibited by the unit or disc.</td>
</tr>
<tr>
<td>“Cannot display group xx, picture xx”</td>
<td>● You are trying to display incompatible pictures.</td>
</tr>
<tr>
<td>“The progressive out is set to “Disable””</td>
<td>● Select “Enable” in “Progressive Out (Component)” in the SETUP menu.</td>
</tr>
<tr>
<td>“This disc may not be played in your region”</td>
<td>● 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.</td>
</tr>
<tr>
<td>No on-screen display.</td>
<td>● Select “On” in “On-Screen Messages” in the SETUP menu.</td>
</tr>
<tr>
<td>On-screen display only partially displayed.</td>
<td>● Press [DISPLAY], and press [▲ , ▼] to highlight the icon at the right end, then press [▲ , ▼] to adjust the position.</td>
</tr>
</tbody>
</table>

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

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.

<table>
<thead>
<tr>
<th>Product or Part Name</th>
<th>Parts</th>
<th>Labor</th>
</tr>
</thead>
<tbody>
<tr>
<td>DVD Player</td>
<td>One (1) Year Ninety (90) Days</td>
<td></td>
</tr>
<tr>
<td>Rechargeable Batteries (in exchange for defective item)</td>
<td>Ten (10) Days</td>
<td>Not Applicable</td>
</tr>
</tbody>
</table>

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 is extended only to products purchased and serviced in the United States or Puerto Rico. This Limited Warranty is not transferable. 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.

Service in Puerto Rico

Matsushita Electric of Puerto Rico, Inc. Panasonic Sales Company/Factory Servicenter:

Ave. 65 de Infantería, Km. 9.5, San Gabriel Industrial Park, Carolina, Puerto Rico 00985

Phone (787) 750-4300 Fax (787) 768-2910

Service for product purchased in Puerto Rico should be obtained in Puerto Rico.

Limited Warranty Coverage

For a period of one (1) year from the date of original purchase, if your product proves to be defective, Panasonic will repair or replace your product at its option. For the period of the Limited Warranty, Replacement parts will be warranted for ninety (90) days in the United States or Puerto Rico. Labor will be warranted for ninety (90) days after the end of the Limited Warranty period. This Limited Warranty only applies to products purchased and serviced in the United States or Puerto Rico.

THIS LIMITED WARRANTY IS THE ONLY EXPRESS LIMITED WARRANTY THAT WILL BE GIVEN BY THE WARRANTOR FOR THE PRODUCT. NO OTHER EXPRESS WARRANTIES ARE GIVEN BY THE WARRANTOR OR ANY OF ITS AFFILIATES, INCLUDING ANY WARRANTY OF MERCHANTABILITY, NONINFRINGEMENT, OR FITNESS FOR A PARTICULAR PURPOSE.

This Limited Warranty is valid only if the product is purchased and operated in the United States or Puerto Rico. A product purchased in one of these countries may not work properly when taken to the other country due to power source differences (such as voltage, frequency, and plug configurations), and such operational problems are specifically excluded from this Limited Warranty.

This Limited Warranty does not cover damage resulting from accident, misuse, abuse, modification, power line surge, lightning damage, improper maintenance, improper operation, natural disasters, 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.

Limited Warranty (ONLY FOR CANADA)

Limited Warranty Provided by Panasonic Canada Inc. for Panasonic Consumer Electronics Products

Panasonic Canada Inc.
5770, Ambler Drive, Mississauga, Ontario L4W 2T3

1-800-211-7262, or e-mail consumerproducts@panasonic.ca, or the website (http://www.panasonic.ca).

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 been 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 the 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 substitutions 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 Consumer 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

Parte posterior del aparato

Cable de audio/video
(incluido)

■ 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 video 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 [ ] Introducta 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 [Ⅱ] 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 [▲ ▼ ◄ ►]

- [DVD-V] [VCD] [CD] Botones numerados

- 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

Vueltas a la pantalla anterior [RETURN]

Visualizador del aparato principal [FL SELECT]

- Visualización de números

- Visualización de tiempo
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.

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WMA is a compression format developed by Microsoft Corporation. It achieves the same sound quality as MP3 with a file size that is smaller than that of MP3.

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One Panasonic Way Secaucus, New Jersey 07094
http://www.panasonic.com

Panasonic Sales Company, Division of Matsushita Electric of Puerto Rico, Inc. ("PSC")
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En (Sp)