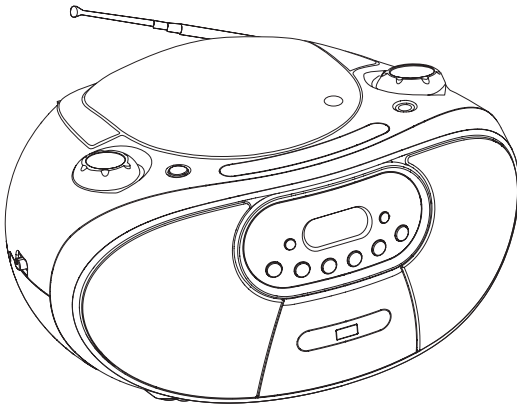


# Panasonic®

Operating Instructions

## Portable Stereo CD System

Model No. RX-DU10



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Thank you for purchasing this product.  
For optimum performance and safety, please read  
these instructions carefully.  
Please keep this manual for future reference.

GA GJ GS

VQT4K90

**CLASS 1  
LASER PRODUCT**

IEC60825-1:2001

**CAUTION**

This product contains a laser diode of higher class than 1.  
To ensure continued safety, do not remove any covers or attempt to gain access to the inside of the product. Refer all servicing to qualified personnel.

**WARNING:**

To reduce the risk of fire, electric shock or product damage,

- Do not expose this unit to rain, moisture, dripping or splashing.
- Do not place objects filled with liquids, such as vases, on this unit.
- Use only the recommended accessories.
- Do not remove covers.
- Do not repair this unit by yourself. Refer servicing to qualified service personnel.

**CAUTION!**

To reduce the risk of fire, electric shock or product damage,


- Do not install or place this unit in a bookcase, built-in cabinet or in another confined space. Ensure the unit is well ventilated.
- 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 this unit.

This unit is intended for use in tropical climates.

Install this unit so that the AC mains lead can be unplugged from the socket outlet immediately if any problem occurs.

The mains plug of the power supply cord shall remain readily operable.  
To completely disconnect this unit from the AC Mains, disconnect the power supply cord plug from AC receptacle.

This unit may receive radio interference caused by mobile telephones during use. If such interference occurs, please increase separation between this unit and the mobile telephone.

	<b>CAUTION</b> 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.

## Caution for AC mains lead



### (When using the moulded three pin mains plug)

For your safety, please read the following text carefully.

This appliance is supplied with a moulded three pin mains plug for your safety and convenience.

A 5-ampere fuse is fitted in this plug.

Should the fuse need to be replaced please ensure that the replacement fuse has a rating of 5-ampere and that it is approved by ASTA or BSI to BS1362.

Check for the ASTA mark  or the BSI mark  on the body of the fuse.

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

If you lose the fuse cover the plug must not be used until a replacement cover is obtained.

A replacement fuse cover can be purchased from your local dealer.

### Before use

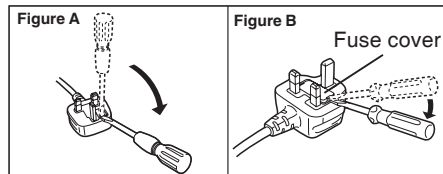
Remove the connector cover.

### How to replace the fuse

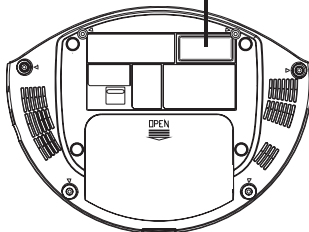
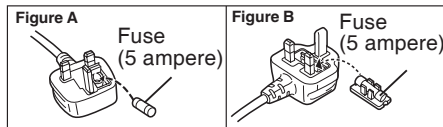
The location of the fuse differ according to the type of AC mains plug (figures A and B). Confirm the AC mains plug fitted and follow the instructions below.

Illustrations may differ from actual AC mains plug.

1. Open the fuse cover with a screwdriver.



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

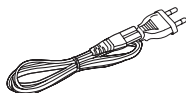


## Supplied accessory

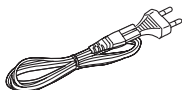
Please check and identify the supplied accessory.

### AC mains lead

#### 1 For South East Asia and Hong Kong

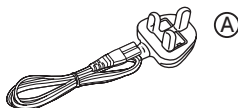
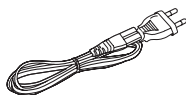


#### 1 For Thailand



#### 2 For Middle East and South Africa

- In Saudi Arabia always use (A).



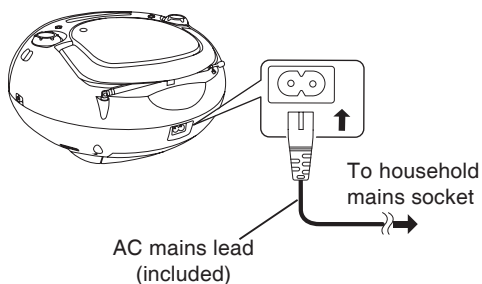
## Safety precautions

- Avoid using or placing this unit near sources of heat. Do not leave it in an automobile exposed to direct sunlight for a long time with the doors and windows closed as this may deform the cabinet.
- Avoid cuts, scratches, or poor connections in the AC mains lead, as they may result in possible fire or electric shock hazard. Also, excessive bending, pulling or splicing of the lead should be avoided.
- Do not unplug the AC mains lead by pulling on the lead. To do so may cause premature failure or shock hazard.
- Do not operate this unit in a bathroom, as a potential shock hazard may result.
- When not in use, disconnect the AC mains lead from the household mains socket.
- Product Identification Marking is located on the bottom of the unit.

## Power supply

### AC Power

Connect the AC mains lead firmly to the unit and the household mains socket.

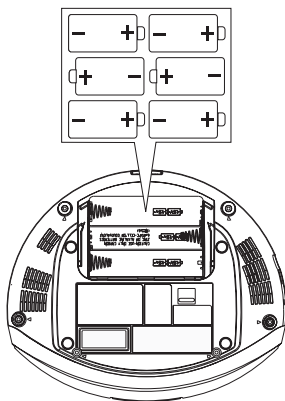


Note:

Use the AC mains lead that matches the socket for the area you live in.

- In Saudi Arabia, always use the 3-pin AC mains lead.

### Battery power



- 1 Open the battery compartment.
- 2 Insert six 1.5V R14/LR14 batteries (not included) with correct polarity (+/-) as indicated.
- 3 Close the battery compartment.

Note:

- The installed batteries are automatically disconnected when the mains lead is connected to the unit.
- The function selector switch does not separate entire unit from mains even if in "OFF" position.
- With the consuming of the batteries, the sound may become distorted or weak, or the unit may not perform functions correctly. When it occurs replace the batteries in time.

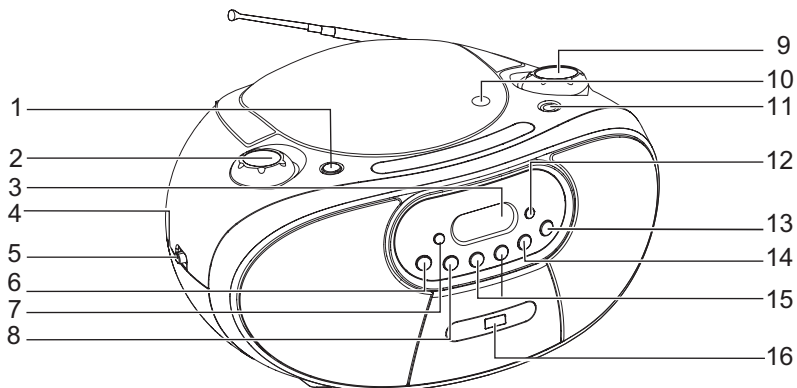
#### CAUTION

- Danger of explosion if battery is incorrectly replaced. Replace only with the type recommended by the manufacturer.
- When disposing the batteries, please contact your local authorities or dealer and ask for the correct method of disposal.

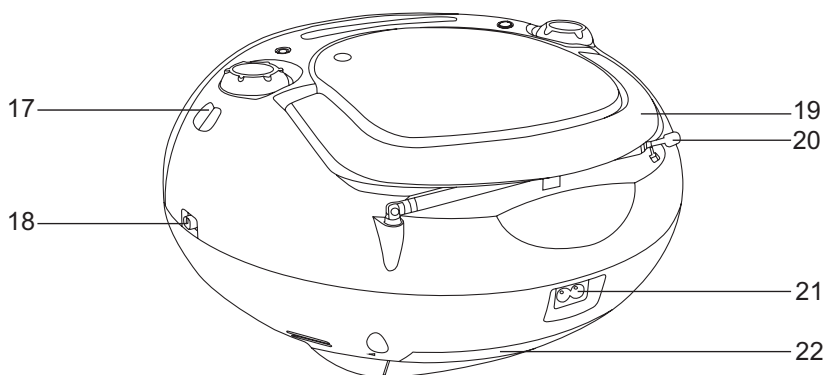
#### Use of batteries

- If this unit is not used for a long period of time or is used only from an AC power source, remove all the batteries to prevent potential damage due to possible battery leakage.
- Do not mix old and new batteries.
- Do not use different types of batteries at the same time.
- Do not take apart or short circuit the batteries.
- Do not attempt to recharge alkaline or manganese batteries.
- Do not use batteries if the covering has been peeled off.
- Do not heat or expose to flame.
- Do not leave the batteries in a car exposed to direct sunlight for a long period of time with doors and windows closed.
- Mishandling of batteries can cause electrolyte leakage, which may cause a fire.

## Control reference guide



- |  |   |
|--|---|
| 1. Bass button (D.BASS)                                      | 9. Tuning control (TUNING)                  |
| 2. Volume control (VOLUME)                                   | 10. CD compartment lid (▲ OPEN/CLOSE)       |
| 3. Display   | 11. Music port jack (MUSIC PORT)            |
| 4. Headphones jack (🎧)                                       | 12. Repeat/Random button (REPEAT/ RANDOM)   |
| 5. Function selector switch (CD/USB, RADIO, MUSIC PORT, OFF) | 13. Play/Pause button (▶/⏸ PLAY/PAUSE)      |
| 6. CD function button (CD)                                   | 14. Stop button (■ STOP)                    |
| 7. Program/Folder select button (PROGRAM/ FOLDER)            | 15. Skip/Search up or down buttons (▶▶, ◀◀) |
| 8. USB function button (USB)                                 | 16. USB port (🔌 5V --- 500mA)               |



- |   |
|---|
| 17. Frequency indication window           |
| 18. Band selector switch (BAND)           |
| 19. Handle                                |
| 20. Telescopic antenna                    |
| 21. Socket for the power cord (AC MAINS-) |
| 22. Battery compartment lid               |

## General operation

### Adjusting the volume

Turn the VOLUME control.

### Expanding the bass sound

Press [D.BASS] to **ON** to enhance the bass sound.

### Headphone

Plug type:  $\phi$ 3.5 mm stereo (not included).

- Listening at full volume for long periods may damage the user's ears.
- Excessive sound pressure from earphones and headphones can cause hearing loss.
- Be sure to use the recommended headphones.

## CD play

Use compact discs bearing the symbol shown as right. In addition to conventional 12cm CDs, this system can be used to play 8cm CDs without an adapter.



### Basic play

- 1 Set function selector switch to [CD/USB].**
- 2 Press [CD].**
- 3 Press [ $\blacktriangle$  OPEN/CLOSE] to open the disc compartment and then load the disc with the label facing up.**
- 4 Press [ $\blacktriangle$  OPEN/CLOSE] again to close.**
- 5 Press [ $\blacktriangleright$ /II PLAY/PAUSE] to start play.**
- 6 Press [ $\blacksquare$  STOP] to end disc play.**
- 7 Set function selector switch to [OFF] to turn the CD player off .**

Note:

Do not open the CD compartment during disc play.

Always press [ $\blacksquare$  STOP] and wait for the disc to stop rotating before opening the CD compartment.

This unit can play back the CD-R/RW as well. However, some CD-R/RW can not be played back depending on the recording conditions.

#### Notes on handling compact discs

- Do not expose the disc to direct sunlight, high humidity or high temperature for extended periods of time.
- Discs should be returned to their cases after use.
- Do not apply paper or write anything on the disc surface.
- Handle the disc by its edge. Do not touch the playing surface (glossy side).
- Fingerprints and dust should be carefully wiped off from the playing surface of the disc with a soft cloth.  
Wipe in a straight motion from the center to the outside of the disc.
- Never use chemicals such as record cleaning sprays, antistatic sprays or fluids, benzene or thinner to clean compact discs.

## Pause play

Press [▶/⏸ PLAY/PAUSE] during play. Press the button again to resume play.

## Skip tracks

Press [▶▶] or [◀◀].

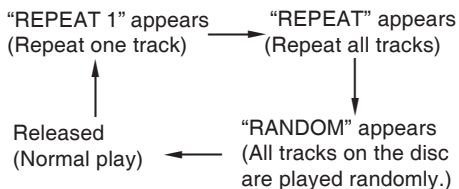
## Search (forward/reverse)

Press and hold [▶▶] or [◀◀] during play.

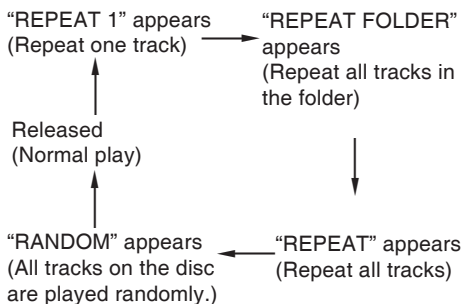
## Various play mode

Press [REPEAT/RANDOM] repeatedly to select a various play mode available. Each time the button is pressed, the mode changes as below:

### [CD]



### [MP3] [USB]



Note:

- Random play will not be selected during programmed play.

## MP3 CD operation

This unit can play the CD-R/RW that has recorded music data, MP3 files. Before playing MP3 CD, please read the following.

### MP3 CD information

- MP3 CD is the disc that standardized by ISO9660, its file name must have the extension letters, “.MP3” or “.mp3”.
- MPEG Layer-3 audio coding technology licensed from Fraunhofer IIS and Thomson.
- Standard, sampling frequency, and the bit rate:

### MP3 files:

MPEG-1 Audio

32 kHz, 44.1 kHz, 48 kHz

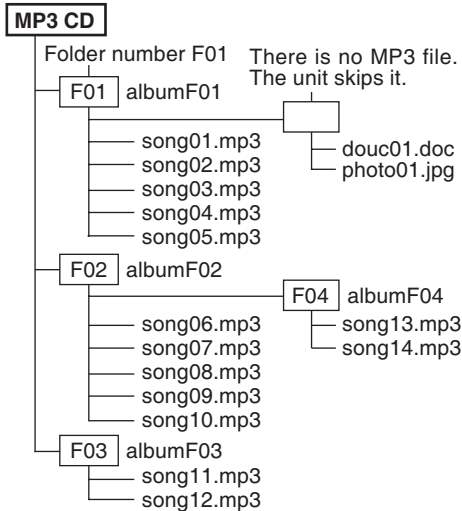
32 kbps - 320 kbps (constant bit rate or variable bit rate)

- The directory and file names of the MP3 CD must be corresponded to the ISO standardized files.
- Single-session disc can be played back. As for multi-session disc, only the first session can be played back.
- This unit can recognize up to 99 folders or 999 files per disc. The CD with 100 folders or 1000 files and over is not available to this unit.
- This unit can access up to 8 folder directories. 9 folder directories or above may not be accessed.
- MP3 CD may not be played in the recorded order.
- Music section in “CD Extra” can be played back, not Data section.
- Mixed CD cannot be played back.
- Some MP3s may not be played due to the condition of the disc or recording.



## MP3 CD directory sample:

Play order: song01 → song02 → ... song14



Note:

- The CD-R/RW that has no music data or non-MP3 files cannot be played back.
- Do not make an empty folder. It may not work correctly.
- In this model, recommend recording setting is 128 kbps of fixing bit rate. If files are recorded in other bit rate (for example: 320 kbps) or in variable bit rate, track-jump may sometimes happen according to recording conditions.

## Basic play

- 1 Load the MP3 CD.  
(⇒P.7 Step1 to Step4)
- 2 Press [▶/|| PLAY/PAUSE] to start play.
- 3 Press [PROGRAM/FOLDER].  
While “FOLDER” blinks on the display, press [▶▶] or [◀◀] to select the folder.
- 4 When the file number appears, press [▶▶] or [◀◀] to select a file.
- 5 Press [■ STOP] to stop the play.

Note:

- If there is no music data, “no” appears.
- Only select the folder in playing mode.

## Program play

Up to 20 tracks on a disc can be programmed for play in any order.

- Before programming procedure, set function switch to [CD/USB] first.
- The same track can be programmed more than once.

### [CD][MP3]

- 1 Press [■ STOP].
- 2 Press [PROGRAM/FOLDER].  
“PROGRAM” blinks on the display.
- 3 Press [▶▶] or [◀◀] to select desired track.
- 4 Press [PROGRAM/FOLDER].  
Repeat steps 3 - 4 to program additional tracks.
- 5 Press [▶/|| PLAY/PAUSE] to start play.

- Any attempt to program more than 20 tracks will result in “FUL” appears.
- To cancel program play, press [■ STOP] in stop mode.

## Checking the program

Press [PROGRAM/FOLDER] repeatedly when “PROGRAM” remains lit in stop mode.

## Adding to the program

- 1 In stop mode, press [PROGRAM/FOLDER] repeatedly until “00” is displayed.
- 2 Select a track as explained above.
- 3 Press [PROGRAM/FOLDER].

## Changing a track

- 1 In stop mode, press [PROGRAM/FOLDER] repeatedly until the program number to be replaced is displayed.
- 2 Select a desired track as explained above.
- 3 Press [PROGRAM/FOLDER].

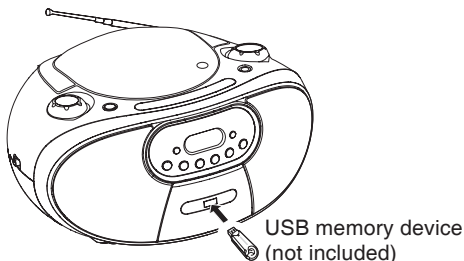
Note:

Programmed details cannot be partially deleted or inserted.

## USB

### Before use

Connect the USB memory device to the USB port of the unit correctly.



- Some USB memory devices cannot be used.
- Track must have the extension “.mp3” or “.MP3”.  
However, some cannot be recognized depending on the folder structure.
- Maximum folder: 99 folders  
Maximum file in one folder: 999 files

### Basic play

- 1 Set function selector switch to [CD/USB].**
- 2 Press [USB].**
- 3 Press [▶/II PLAY/PAUSE] to start play.**
- 4 Press [PROGRAM/FOLDER].**  
While “FOLDER” blinks on the display, press [▶▶] or [◀◀] to select the desired folder.
- 5 When the file number appears press [▶▶] or [◀◀] to select a file.**
- 6 Press [■ STOP] to end play.**
- 7 To turn the USB player off, set function selector switch to [OFF].**

- If there is no file in the USB memory device, or just some empty folders in the USB memory device, “no” appears.

Note:

Only select the folder in playing mode.

## Listening to other sources

- 1** Connect the audio cable (not supplied) from the audio output socket of a video/auxiliary equipment to the MUSIC PORT jack. (Stereo Mini Plug: ø3.5mm)
- 2** Set function selector switch to [MUSIC PORT].
- 3** Follow the instructions supplied with the other equipment.

## Using the FM/AM radio

- 1 Set function selector switch to [RADIO].**
- 2 Set [BAND] to “FM” or “AM”.**
- 3 Turn [TUNING] to tune in a desired station.**

### To improve reception

FM: Pull out the telescopic antenna and adjust its position.

AM: Rotate the unit.

## Maintenance

### Cleaning the CD player lens

The lens should never be touched. If dust is on the lens, blow it off using a camera lens blower. (Consult your dealer.)

### Cleaning the unit

Clean the outside of the unit with a clean soft cloth, moistened with lukewarm water. Do not use benzene, thinner or alcohol since they will mar the finish of the surfaces.

## Troubleshooting guide

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

### ■ Common problems

#### No sound.

- Turn the volume up.(⇒ P.7)

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#### A “humming” sound can be heard during play.

- An AC mains lead or fluorescent light is near the unit. Keep other appliances and cords away from the unit.

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### ■ Discs

#### Display “no” or play will not start.

- You have not inserted the disc correctly, insert it correctly.
- Disc may be dirty. Wipe it clean.
- Replace the disc if it is scratched, warped, or non-standard.
- Condensation has formed: Wait 1 to 2 hours for it to evaporate.

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### ■ Radio

#### A beat sound is heard.

- Turn the television off or move it away from the unit.

---

#### A low hum is heard during AM broadcast.

- Separate the antenna from other cables and cords.
- 

### ■ USB

#### The USB drive or its contents cannot be read.

- The USB drive format or its contents is/are not compatible with the system, “no” is displayed. Unplug the USB device and insert it again.
- The USB host function of this product may not work with some USB devices.
- USB devices with storage capacity of more than 8 gigabytes may not work in some instances.

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#### Slow operation of the USB device.

- Large file size or high memory USB flash drive takes longer time to read.

# Specifications

## AMPLIFIER SECTION

**RMS MAX OUTPUT POWER (8Ω)** 2W per ch  
**TOTAL RMS MAX OUTPUT POWER** 4W  
**PMPO Output Power** 50W

## FM/AM TUNER SECTION

**Frequency range**  
AM 520 - 1610 kHz  
FM 87.50 - 108.00 MHz

## TERMINALS SECTION

**Music port jack**  
Terminal Stereo, ø3.5mm jack  
**Headphone jack**  
Terminal Stereo, ø3.5mm jack  
Recommend impedance 16-32Ω

## CD SECTION

**Disc played (8 cm or 12 cm)**  
CD (CD-DA)  
CD-R/RW (CD-DA, MP3)  
**Sampling frequency**  
CD 44.1 kHz  
MP3 32,44.1,48 kHz  
**Bit rate (MP3)** 32-320 kbps  
**Pick up**  
Wave length(CD) 790 ± 25 nm  
Laser power CLASS 1

### Note:

Specifications are subject to change without notice.

Mass and dimensions are approximate.

## USB SECTION

**USB standard** USB 2.0 full speed  
**Media file format support** MP3 (\*.mp3)  
**USB device file system** FAT12, FAT16, FAT32  
**Playable USB Storage Media** USB Thumbdrives  
**USB port power** 500mA (Max)  
**Sampling frequency** 32,44.1,48 kHz  
**Bit rate** 32-320 kbps

## SPEAKER SECTION

**Speaker unit(s)** 9cm, CORN type, 8Ω x 2

## GENERAL

**Power consumption** 14W  
**Standby power consumption** Approx.0.8W  
**Power supply**

AC **For Thailand** 220V 50Hz

**For others** 220 - 240V, 50/60 Hz

Battery DC 9 V (6 x R14/LR14)

### Battery duration time

Approx. 12 hours

\*Panasonic alkaline battery LR14 type  
(Continuation playback of CD the volume at the time of reproduction is about 70%)

**Dimensions** 291 mm x 146 mm x 243 mm

**Mass** Approx. 1.8 kg

**Operating temperature range** 0 °C to +40 °C

**Operating humidity range** 35% to 80% RH(no condensation)

-If you see this symbol-

### Information on Disposal in other Countries outside the European Union



This symbol is only valid in the European Union. If you wish to discard this product, please contact your local authorities or dealer and ask for the correct method of disposal.

Panasonic Corporation

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

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