

Panasonic®

Operating Instructions

Compact Stereo System

Model No. **SC-HC25**

Dear Customer

Thank you for purchasing this system.

For optimum performance and safety, read these instructions fully before you connect, operate or adjust this system.

Keep this manual for future reference.

Your system and the illustrations can look differently.

Do the procedures with the remote control. You can also use the buttons on the main unit if they are the same.

SUPPLIED ACCESSORIES

Please check and identify the supplied accessories.

1 x AC mains lead	1 x Remote control (NQAYB000640)
1 x FM indoor antenna	1 x Remote control battery
1 x AM loop antenna	

SAFETY PRECAUTIONS

Placement	Foreign matter
Set the system up on an even surface away from direct sunlight, high temperatures, high humidity, and excessive vibration. These conditions can damage the cabinet and other components, thereby shortening the service life of the system. Place it at least 15 cm away from wall surfaces to avoid distortion and unwanted acoustical effects. Do not place heavy items on the system.	Do not let metal objects fall inside the system. This can cause electric shock or malfunction. Do not let liquids get into the system. This can cause electric shock or malfunction. If this occurs, immediately disconnect the system from the power supply and contact your dealer. Do not spray insecticides onto or into the system. They contain flammable gases which can ignite if sprayed into the system.
Voltage	Service

Do not use high voltage power sources. This can overload the system and cause a fire.

Do not use a DC power source. Check the source carefully when setting the system up on a ship or other place where DC is used.

AC mains lead protection

Ensure the AC mains lead is connected correctly and not damaged. Poor connection and lead damage can cause fire or electric shock. Do not pull, bend, or place heavy items on the lead.

Grasp the plug firmly when unplugging the lead. Pulling the AC mains lead can cause electric shock.

Do not handle the plug with wet hands. This can cause electric shock.

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

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

MAINTENANCE

To clean this system, wipe with a soft, dry cloth.

- Never use alcohol, paint thinner or benzine to clean this system.
- Before using chemically treated cloth, read the instructions that came with the cloth carefully.

SPECIFICATIONS

Amplifier section	USB section
RMS output power stereo mode Front Ch (both ch driven) 5 W per channel (6 Ω), 1 kHz, 10% THD Total RMS stereo mode power 10 W	USB port USB Standard Media file format support MP3 (*.mp3) USB device file system FAT 12, FAT 16, FAT 32 USB port power 500 mA (max)
FM/AM tuner, terminals section	Speaker section
Preset station FM 30 stations AM 15 stations	Type 1 way, 1 speaker system (bass reflex)
Frequency modulation (FM) Frequency range 87.50 MHz to 108.00 MHz (50 kHz step) Antenna terminals 75 Ω (unbalanced)	Speaker unit(s) Full range 8 cm cone type Impedance 6 Ω Frequency range 60 Hz to 25 kHz (–16 dB) 90 Hz to 22 kHz (–10 dB)
Amplitude modulation (AM) Frequency range 522 kHz to 1629 kHz (9 kHz step) 520 kHz to 1630 kHz (10 kHz step)	General
Headphones jack Terminal Stereo, 3.5 mm jack	Power supply AC 220 to 240 V, 50 Hz Power consumption 19 W
AUX (rear) Terminal Stereo, 3.5 mm jack	Dimensions (W x H x D) 400 mm x 221 mm x 110 mm [D = 69 mm (min)] [D = 149 mm (tray open)] 2.1 kg
Disc section	Mass 2.1 kg Operating temperature range 0°C to +40°C Operating humidity range 35% to 80% RH (no condensation)
Disc played (8 cm or 12 cm) CD, CD-R/RW (CD-DA, MP3+ formatted disc) * MPEG-1 Layer 3, MPEG-2 Layer 3	Power consumption in standby mode 0.2 W (approximate)
Pick up Wavelength 790 nm (CD) Laser power CLASS 1 (CD)	Note: 1) Specifications are subject to change without notice. Mass and dimensions are approximate. 2) Total harmonic distortion is measured by the digital spectrum analyzer.
Audio output (Disc) Number of channels 2 ch (FL, FR) FL = Front left channel FR = Front right channel	

Panasonic Corporation

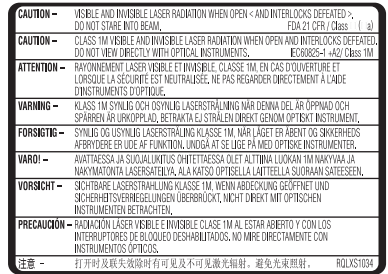
Web Site: <http://panasonic.net>



RQTX1256-B
L0111CH0



Bottom of product



Inside of product

WARNING:
TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK OR PRODUCT DAMAGE,
• DO NOT EXPOSE THIS APPARATUS TO RAIN, MOISTURE, DRIPPING OR SPLASHING AND THAT NO OBJECTS FILLED WITH LIQUIDS, SUCH AS VASES, SHALL BE PLACED ON THE APPARATUS.
• USE ONLY THE RECOMMENDED ACCESSORIES.
• DO NOT REMOVE THE COVER (OR BACK); THERE ARE NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

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

THIS UNIT IS INTENDED FOR USE IN MODERATE CLIMATES.

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

This 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.

Product identification marking is located on the bottom of unit.



"Made for iPod" and "Made for iPhone" mean that an electronic accessory has been designed to connect specifically to iPod, or iPhone, respectively, and has been certified by the developer to meet Apple performance standards.

Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards.

Please note that the use of this accessory with iPod, or iPhone may affect wireless performance.

iPhone, iPod, iPod classic, iPod nano, and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries.

MPEG Layer-3 audio coding technology licensed from Fraunhofer IIS and Thomson.

– If you see this symbol –

Information on Disposal in other Countries outside the European Union



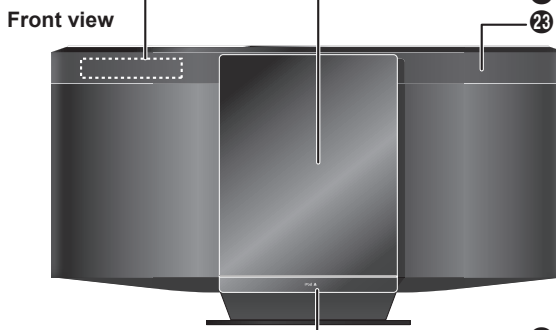
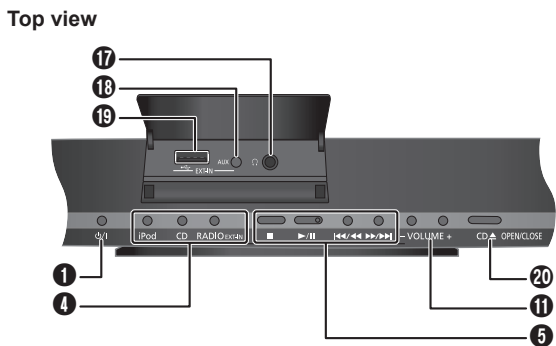
This symbol is only valid in the European Union. If you wish to discard this product, please contact your local authorities or dealer and ask for the correct method of disposal.

3 OVERVIEW OF CONTROLS

Refer to the numbers in parentheses for chapter references.

- Standby/on switch** (7, 11)
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.
- Numeric buttons [1 to 9, 0, ≥10]**
To select a 2-digit number
Example: 16: [≥10] → [1] → [6]
- Delete a programmed track (4)
- Select source**
[iPod]: Select iPod (5)
[CD]: Select disc (4)
[RADIO, EXT-IN]: Select radio, USB or AUX (6, 9)
- Basic operation**
[▶/||]: Playback or pause operation
[■]: Stop playback
[◀◀], [▶▶]: Skip track
Select preset radio station
[◀◀], [▶▶]: Search track
Tune in to the radio station
[◀◀◀], [▶▶▶]: Skip and search track
Select preset radio station
- Select the sound effects (8)
- Select the iPod menu item (5)
- View the information shown on the display panel.
Decrease the brightness of the display panel
Press and hold the button to use this function. To cancel, press and hold the button again.
- Set the sleep timer (7)
Set the clock and timer (7)
- Set the program function (4, 6)

- Adjust the volume of the system
- Mute the sound of the system**
Press the button again to cancel. "MUTE" is also cancelled when you adjust the volume or when you switch off the system.
- Set the play menu item (4)
- Set the radio menu item (6)
- [▲, ▼]: Skip album
Adjust clock setting
[◀, ▶]: Select the item in the menu
[OK]: Confirm the setting
- Automatically switch off the system**
This function switches off the system (except in radio source) if you do not use the system for approximately 30 minutes. To cancel, press the button two times.
- Headphones jack** (7)
Plug type: Ø 3.5 mm stereo (not included)
• Avoid listening for prolonged periods of time to prevent hearing damage.
• Excessive sound pressure from earphones and headphones can cause hearing loss.
• Listening at full volume for long periods may damage the user's ears. Be sure to use the supplied or recommended headphones or earphones.
- AUX jack
- USB port (←→)
- Open or close the sliding door
- Display panel
- Sliding door
- Remote control sensor
- Open or close the iPod or iPhone dock



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DISCS

Playing discs

1 Press [CD ▲, OPEN/CLOSE] on the main unit to open the sliding door.

Put in a disc with the label facing towards you.

Press [CD ▲, OPEN/CLOSE] again to close the sliding door.



Program playback

This function allows you to program up to 24 tracks.

[CD]

1 Press [PROGRAM] in the stop mode.

"PGM" is shown.

2 Press the numeric buttons to select the desired track.

Do this step again to program other tracks.

3 Press [►/II] to start playback.

[MP3]

1 Press [PROGRAM] in the stop mode.

2 Press [▲, ▼] to select the desired album.

3 Press [►►] and then press the numeric buttons to select the desired track.

4 Press [OK].

Do steps 2 through 4 again to program other tracks.

5 Press [►/II] to start playback.

Stop playback	Press [■] during playback.	
Pause playback	Press [►/II] during playback.	Press again to continue playback.
Skip album	[MP3]	Press [▲, ▼].
Skip track	Press [◀◀] or [▶▶] (main unit: [◀◀/▶▶] or [▶▶/▶▶]).	
Search through track	[CD]	Press and hold [◀◀] or [▶▶] (main unit: [◀◀/▶▶] or [▶▶/▶▶]).

Playmode function

1 Press [PLAY MENU] to select "PLAYMODE".

2 Press [◀, ▶] and then press [OK] to select the desired mode.

OFF PLAYMODE	Play all tracks.		
1-TRACK 1TR	Play one selected track on the disc.	Press the numeric buttons to select the track.	Playback starts from the selected track.
1-ALBUM 1ALBUM	[MP3]	Play one selected album on the disc.	Press [▲, ▼] to select the album.
RANDOM RND	Play a disc randomly.		
1- ALBUM RANDOM 1ALBUM RND	[MP3]	Play all tracks in one selected album randomly.	Press [▲, ▼] to select the album.

Note:

- During random playback, you cannot skip to tracks which have been played or press the numeric buttons.
- This function does not work with "Program playback".
- The setting returns to the default "OFF PLAYMODE" when you open the sliding door.

Repeat playback

You can repeat "Program playback" or other selected "Playmode function".

1 Press [PLAY MENU] to select "REPEAT".

2 Press [◀, ▶] to select "ON REPEAT" and then press [OK].

"⏮" is shown.

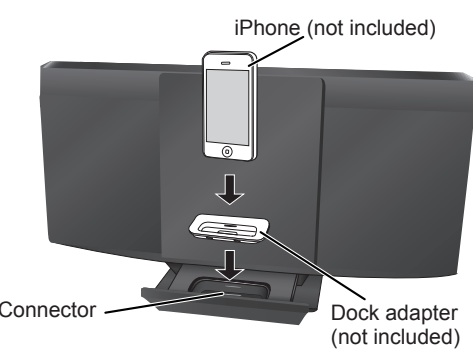
To cancel, select "OFF REPEAT".

5

USING AN iPod OR iPhone

1 Push [▲, iPod] to open the dock tray.

2 Insert a compatible dock adapter.



Charging an iPod or iPhone

An iPod or iPhone is charged automatically when connected to the system (even when the system is in standby mode).

- See the iPod or iPhone display for its battery charging status.
- Disconnect the iPod or iPhone if it is not used for an extended period of time after charging is complete.
- Charging stops when the battery is fully charged. The battery will deplete naturally.

Compatible iPod and iPhone

Update your iPod or iPhone with the latest software before using this system.

Compatibility depends on the software version of your iPod or iPhone.

- iPod touch 4th generation (8GB, 32GB, 64GB)
- iPod nano 6th generation (8GB, 16GB)
- iPod touch 3rd generation (32GB, 64GB)
- iPod nano 5th generation (video camera) (8GB, 16GB)
- iPod touch 2nd generation (8GB, 16GB, 32GB)
- iPod classic [120GB, 160GB (2009)]
- iPod nano 4th generation (video) (8GB, 16GB)
- iPod classic (160GB) (2007)
- iPod touch 1st generation (8GB, 16GB, 32GB)
- iPod nano 3rd generation (video) (4GB, 8GB)
- iPod classic (80GB)
- iPod nano 2nd generation (aluminum) (2GB, 4GB, 8GB)
- iPod 5th generation (video) (60GB, 80GB)
- iPod 5th generation (video) (30GB)
- iPod nano 1st generation (1GB, 2GB, 4GB)
- iPhone 4 (16GB, 32GB)
- iPhone 3GS (8GB, 16GB, 32GB)
- iPhone 3G (8GB, 16GB)
- iPhone (4GB, 8GB, 16GB)

Note on iPhone

- All phone features can only be controlled by the touch screen of the iPhone.
- The system does not show incoming calls or the phone status.
- Playback will stop when there is an incoming call.
- A call is not cancelled when you connect or disconnect the iPhone from the system.
- There is no Apple Inc. specification that will guarantee the above iPhone response. iPhone responses can be different on newer models or with new software.

3 Connect the iPod or iPhone firmly.

Make sure to remove the iPod or iPhone from its case.

4 Press [iPod] and then press [►/II] to start playback.

Pause playback	Press [►/II] or [■].
Skip track	Press [◀◀] or [▶▶] (main unit: [◀◀/▶▶] or [▶▶/▶▶]).
Search the current track	Press and hold [◀◀] or [▶▶] (main unit: [◀◀/▶▶] or [▶▶/▶▶]).
View iPod or iPhone menu, Return to previous menu	Press [iPod MENU] in the play mode.
Select an iPod or iPhone menu item	Press [▲, ▼] and then press [OK].

Note:

- Make sure to align your iPod or iPhone with the connector when inserting the iPod or iPhone.
- The operations may vary or not work depending on the iPod or iPhone models.
- Depending on the model, it may be necessary to remove the iPod or iPhone and select the album, artist, etc. on the iPod or iPhone.
- Read the User Guide of the iPod or iPhone for operating instructions.

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RADIO

Manual tuning

1 Press [RADIO, EXT-IN] to select "FM" or "AM".

2 Press [◀◀] or [▶▶] to select the frequency of the required station.

To tune automatically, press and hold the button until the frequency starts changing quickly.

Manual presetting

30 FM and 15 AM stations can be preset.

Preparation

Press [RADIO, EXT-IN] to select "FM" or "AM".

1 Press [◀◀] or [▶▶] to tune in to the station.

2 Press [PROGRAM].

3 Press the numeric buttons to select a preset number.

Do steps 1 through 3 again to preset more stations.

The new station replaces any station that occupies the same preset number.

To improve the sound quality

When "FM" is selected

1 Press [RADIO MENU] to select "FM MODE".

2 Press [◀, ▶] to select "MONO" and then press [OK].

To cancel, select "ST".

- "MONO" is also cancelled when you change the frequency.
- Turn off "MONO" for normal listening.

When "AM" is selected

1 Press [RADIO MENU] to select "B.PROOF".

2 Press [◀, ▶] to select "BP 1" or "BP 2" and then press [OK].

Automatic presetting

30 FM and 15 AM stations can be preset.

Preparation

Press [RADIO, EXT-IN] to select "FM" or "AM".

1 Press [OK] to select "LOWEST" or "CURRENT" frequency.

2 Press [RADIO MENU] to select "A.PRESET" and then press [OK].

"START?" is shown.

3 Press [OK] to start presetting.

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CLOCK AND TIMERS

Setting the clock

This is a 24-hour clock.

1 Press [CLOCK/TIMER] to select "CLOCK".

2 Within 10 seconds, press [▲, ▼] to set the time.

3 Press [OK].

Press [CLOCK/TIMER] to show the clock for a few seconds.

Note:

Reset the clock regularly to maintain accuracy.

Sleep timer

The sleep timer switches off the system after the set time.

Press [SLEEP] to select the setting (in minutes).

To cancel, select "OFF".

30 MIN → 60 MIN → 90 MIN → 120 MIN → OFF

To show the remaining time

Press [SLEEP].

Note:

- The sleep timer can be used together with the play timer.
- The sleep timer always comes first. Be sure not to set an overlap of timers.

Play timer

You can set the timer to come on at a certain time to wake you up.

Switch on the system and set the clock.

Prepare the music source you want to listen to (disc, radio, iPod, iPhone, USB or AUX) and set the volume.

Note:

- The play timer starts at a low volume and increases gradually to the preset level.
- The timer comes on at the set time every day if the timer is on.
- If you switch off the system and switch on again while a timer is in operation, the timer will not stop at the end time.

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SOUND EFFECTS

Changing the sound quality

1 Press [SOUND] to select a sound effect.

2 Within 3 seconds, press [◀, ▶] to select the desired setting.

BASS	-4 to +4
TREBLE	
SURROUND	"ON SURROUND" or "OFF SURROUND"
INPUT LEVEL (For AUX source)	"NORMAL" or "HIGH"

Preset EQ

Press [PRESET EQ] to select a setting.

HEAVY	Adds punch to rock
SOFT	For background music
CLEAR	Clarifies higher frequencies
VOCAL	Adds gloss to vocal
FLAT	Cancels the sound effect

D.BASS

This function lets you enjoy a powerful bass effect.

Press [D.BASS] to select "ON D.BASS" or "OFF D.BASS".

9

EXTERNAL EQUIPMENT

USB

[MP3]

You can connect and play MP3 tracks from your USB mass storage device.

Do not use a USB extension cable. The system cannot recognize USB mass storage device connected through a cable.

1 Decrease the volume and connect the USB mass storage device to the USB port.

2 Press [RADIO, EXT-IN] to select "USB" and then press [►/II] to start playback.

Stop playback	Press [■] during playback.	"RESUME" is shown.	Press [►/II] to continue playback.	OR	Press [■] two times to stop the playback fully.
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For other operations, refer to "DISCS".

Compatible devices

- USB mass storage devices that support bulk-only transfer.
- USB mass storage devices that support USB 2.0 full speed.

Supported format

- Folders are defined as album.
- Files are defined as track.
- Track must have the extension ".mp3" or ".MP3".
- CBI (Control/Bulk/Interrupt) is not supported.
- NTFS file system is not supported (only FAT 12/16/32 file system is supported).
- Some files can fail to work because of the sector size.

Note:

- Maximum album: 255 albums (including root folder)
- Maximum track: 2500 tracks
- Maximum track in one album: 999 tracks

Using the auxiliary input

You can connect a portable audio equipment and listen to the audio through this system.

Preparation

Switch off the equalizer (if any) of the portable audio equipment to prevent sound distortion.

Decrease the volume of the system and the portable audio equipment before you connect or disconnect the portable audio equipment.

1 Connect the portable audio equipment.

Plug type: Ø 3.5 mm stereo (not included)

2 Press [RADIO, EXT-IN] to select "AUX".

3 Play the portable audio equipment.

To adjust the audio input level (⇒ "Changing the sound quality").

Select "NORMAL" if the sound is distorted during "HIGH" input level.

Note:

- Read the operating instructions of the portable audio equipment for details.
- Components and cables are sold separately.

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REMOTE CONTROL CODE

When other Panasonic equipment responds to the remote control of this system, change the remote control code for this system.

Preparation

Press [RADIO, EXT-IN] to select "AUX".

To set the code to "REMOTE 2"

1 Press and hold [RADIO, EXT-IN] on the main unit and [2] on the remote control until "REMOTE 2" is shown.

2 Press and hold [OK] and [2] for a minimum of 4 seconds.

To set the code to "REMOTE 1"

1 Press and hold [RADIO, EXT-IN] on the main unit and [1] on the remote control until "REMOTE 1" is shown.

2 Press and hold [OK] and [1] for a minimum of 4 seconds.

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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 do not solve the problem, consult your dealer for instructions.

■ Common problems

No operations can be done with the remote control.

- Examine that the battery is installed correctly.

Sound is distorted or no sound.

- Increase the volume.
- Switch off the system, determine and correct the cause, then switch the system on again. It can be caused by straining of the speakers through excessive volume or power, and when using the system in a hot environment.

A "humming" sound can be heard during playback.

- An AC mains lead or fluorescent light is near the cables. Keep other appliances and cords away from the cables of this system.

■ USB

The USB mass storage device or the contents in it cannot be read.

- The format of the USB mass storage device or the contents in it is/are not compatible with the system.
- USB mass storage devices with storage capacity of more than 32 GB cannot work in some conditions.

Slow operation of the USB mass storage device.

- Large content size or large memory USB mass storage device takes longer time to read.

The elapsed time shown is different from the actual play time.

- Transfer the data to another USB mass storage device or backup the data and reformat the USB mass storage device.

■ Discs

Display not shown correctly. Playback does not start.

- You have not put in the disc correctly. Put it in correctly.
- Disc is dirty. Clean the disc.
- Replace the disc if it is scratched, warped, or non-standard.
- There is condensation. Let the system dry for 1 to 2 hours.

The total number of tracks shown is incorrect. The disc cannot be read. Distorted sound is heard.

- You put in a disc that the system cannot play. Change to a playable disc.
- You put in a disc that has not been finalised.

■ Radio

A beat sound is heard.

- Switch off the TV or move it away from the system.

A low hum is heard during AM broadcasts.

- Move the antenna away from other cables and cords.

■ iPod or iPhone

You cannot switch on the iPod or iPhone.

- Examine that the battery of the iPod or iPhone is not depleted.
- Switch off the iPod or iPhone and the system before you connect the iPod or iPhone. Connect the iPod or iPhone and try again.

No sound.

- Switch off the iPod or iPhone and remove from the system. Connect the iPod or iPhone to the system and switch it on and play it again.

■ Main unit displays

"NO PLAY"

- Examine the content. You can only play supported format.
- This system can read and play up to 255 albums or folders (audio and non-audio).

"F76" or "F61"

- There is a power supply problem.

"ERROR"

- An incorrect operation was done. Read the instructions and try again.

"NOT MP3/ERROR"

- An unsupported MP3 format. The system will skip that track and play the next one.

"VBR--"

- The system cannot show the remaining play time for variable bit rate (VBR) tracks.

"NODEVICE"

- The iPod or iPhone is not connected. Examine the connection.

Memory reset (Initialisation)

When the following situations occur, refer to the instructions below to reset the memory:

- There is no response when buttons are pressed.
- You want to clear and reset the memory contents.

To reset the memory

1 Disconnect the AC mains lead. (Wait 3 minutes before you continue with step 2.)

2 While you press and hold [⏮] on the main unit, connect the AC mains lead again. "-----" shows on the display panel.

3 Release [⏮].

All the settings are set back to the factory preset.

It is necessary to set the memory items again.