

Panasonic

Operating Instructions

CD Stereo System

Model No. **SC-PM200**



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.

These operating instructions are applicable to the following system.

System	SC-PM200
Main unit	SA-PM200
Speakers	SB-PM200

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

Use numbers indicated in parentheses when asking for replacement parts. (Product numbers correct as of May 2011. These may be subject to change.)

- 1 x AC mains lead (K2CZ3YY00005)
- 1 x FM indoor antenna (RSAX0002)
- 1 x Remote control (N2QAYB000639)
- 1 x Antenna plug adaptor (K1YZ02000013)
- 1 x AM loop antenna (N1DY000010)

Note: "EB" on the packaging indicates the United Kingdom.

Panasonic Corporation

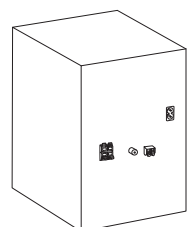
Web Site: <http://panasonic.net>

Pursuant to the directive 2004/108/EC, article 9(2)

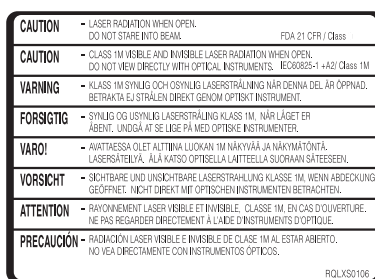
Panasonic Testing Centre
Panasonic Marketing Europe GmbH

Winsbergring 15, 22525 Hamburg, Germany

RQT9548-1B
L0511LL1061



Back 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.

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.

THIS UNIT IS INTENDED FOR USE IN MODERATE CLIMATES.

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

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.

SAFETY PRECAUTIONS

Placement

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.

Voltage

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.

Foreign matter

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.

Service

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.

CAUTION FOR AC MAINS LEAD

For your safety, please read the following text carefully.

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

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

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

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

If you lose the fuse cover the plug must not be used until a replacement cover is obtained. A replacement fuse cover can be purchased from your local dealer.

CAUTION! IF THE FITTED MOULDED PLUG IS UNSUITABLE FOR THE SOCKET OUTLET IN YOUR HOME THEN THE FUSE SHOULD BE REMOVED AND THE PLUG CUT OFF AND DISPOSED OF SAFELY. THERE IS A DANGER OF SEVERE ELECTRICAL SHOCK IF THE CUT OFF PLUG IS INSERTED INTO ANY 13-AMPERE SOCKET.

If a new plug is to be fitted please observe the wiring code as stated below. If in any doubt please consult a qualified electrician.

IMPORTANT
The wires in this mains lead are coloured in accordance with the following code: Blue: Neutral, Brown: Live. As these colours may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows: The wire which is coloured Blue must be connected to the terminal which is marked with the letter N or coloured Black or Blue. The wire which is coloured Brown must be connected to the terminal which is marked with the letter L or coloured Brown or Red.

Sales and Support Information

Customer Care Centre

- For customers within the UK: 0844 844 3852
- For customers within Ireland: 01 289 8333
- Visit our website for product information www.panasonic.co.uk
- E-mail: customer.care@panasonic.co.uk

Direct Sales at Panasonic UK

- For customers: 0844 844 3856
- Order accessory and consumable items for your product with ease and confidence by phoning our Customer Care Centre Monday–Thursday 9:00 a.m.–5:30 p.m., Friday 9:30 a.m.–5:30 p.m. (Excluding public holidays).
- Or go on line through our Internet Accessory ordering application at www.pas-europe.com.
- Most major credit and debit cards accepted.
- All enquiries transactions and distribution facilities are provided directly by Panasonic UK.
- It couldn't be simpler!
- Also available through our Internet is direct shopping for a wide range of finished products, take a browse on our website for further details.

Information for Users on Collection and Disposal of Old Equipment and used Batteries



These symbols on the products, packaging, and/or accompanying documents mean that used electrical and electronic products and batteries should not be mixed with general household waste.

For proper treatment, recovery and recycling of old products and used batteries, please take them to applicable collection points, in accordance with your national legislation and the Directives 2002/96/EC and 2006/66/EC.

By disposing of these products and batteries correctly, you will help to save valuable resources and prevent any potential negative effects on human health and the environment which could otherwise arise from inappropriate waste handling.

For more information about collection and recycling of old products and batteries, please contact your local municipality, your waste disposal service or the point of sale where you purchased the items.

Penalties may be applicable for incorrect disposal of this waste, in accordance with national legislation.



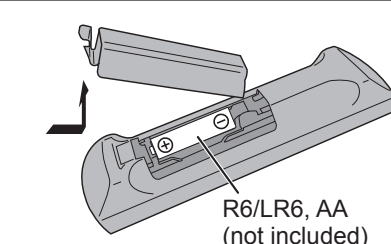
For business users in the European Union
If you wish to discard electrical and electronic equipment, please contact your dealer or supplier for further information.

[Information on Disposal in other Countries outside the European Union]
These symbols are only valid in the European Union. If you wish to discard these items, please contact your local authorities or dealer and ask for the correct method of disposal.



Note for the battery symbol (bottom two symbol examples):
This symbol might be used in combination with a chemical symbol. In this case it complies with the requirement set by the Directive for the chemical involved.

1 PREPARING THE REMOTE CONTROL



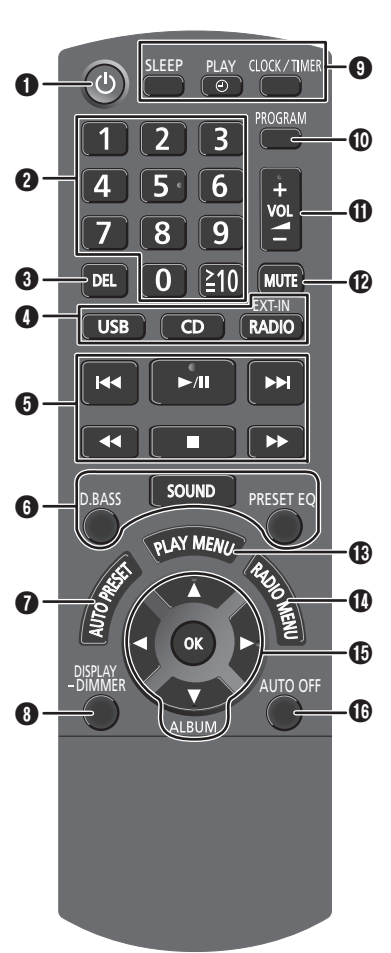
Use alkaline or manganese battery.

Install the battery so that the poles (+ and -) align with those in the remote control.

Point the remote control at the remote control sensor, away from obstacles, at a maximum range of 7 m directly in front of the main unit.

CAUTION! Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type recommended by the manufacturer. Dispose of used batteries according to the manufacturer's instructions.

4 OVERVIEW OF CONTROLS



- 1 Standby/on switch [ON], [OFF] (8, 13)
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.
- 2 Numeric buttons [1 to 9, 0, ≥10]
To select a 2-digit number
Example: 16: [≥10] → [1] → [6]
- 3 Delete a programmed track (5)
- 4 Select source [USB]: Select USB (6)
[CD]: Select disc (5)
[RADIO, EXT-IN] / [RADIO/EXT-IN]: Select radio, USB or music port (7, 10, 11)
- 5 Basic operation [▶/||]: Playback or pause operation
[■]: Stop playback
[◀], [▶]: Skip track
[◀◀], [▶▶]: Search track
[◀◀◀], [▶▶▶]: Skip and search track
Select preset radio station
- 6 Select the sound effects (9)
- 7 Auto preset the radio station (7)
- 8 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.
- 9 Set the sleep timer (8)
Set the clock and timer (8)
- 10 Set the program function (5, 7)
- 11 Adjust the volume of the system
- 12 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.
- 13 Set the play menu item (5)
- 14 Set the radio menu item (7)
- 15 [▲, ▼]: Skip album
Adjust clock setting
[◀, ▶]: Select the item in the menu
[OK]: Confirm the setting
- 16 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 again.
- 17 Music port jack (10)
- 18 Headphones jack (10)
- 19 Display panel
- 20 USB port (6)
- 21 Open or close the disc tray
- 22 Disc tray
- 23 Remote control sensor

2 PLACEMENT OF SPEAKERS



The right and left speakers are the same.

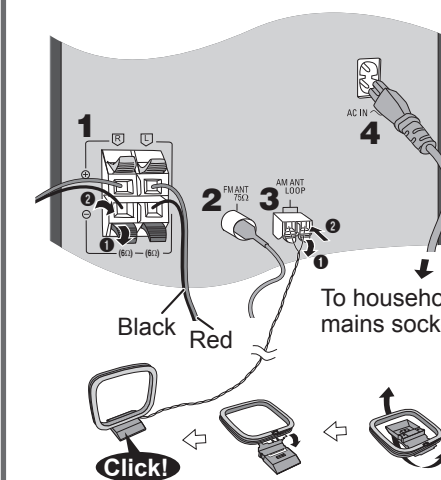
You cannot remove the net of the speakers.

Use only the supplied speakers.
The combination of the main unit and speakers give the best sound. You can cause damage to the system and decrease the sound quality if you use other speakers.

CAUTION!
• Use the speakers only with the recommended system. If not, you can cause damage to the amplifier and speakers and can cause a fire. Consult an approved service personnel if damage occurs or if there is a sudden apparent change in performance.
• Do the procedures included in these instructions when you attach the speakers.

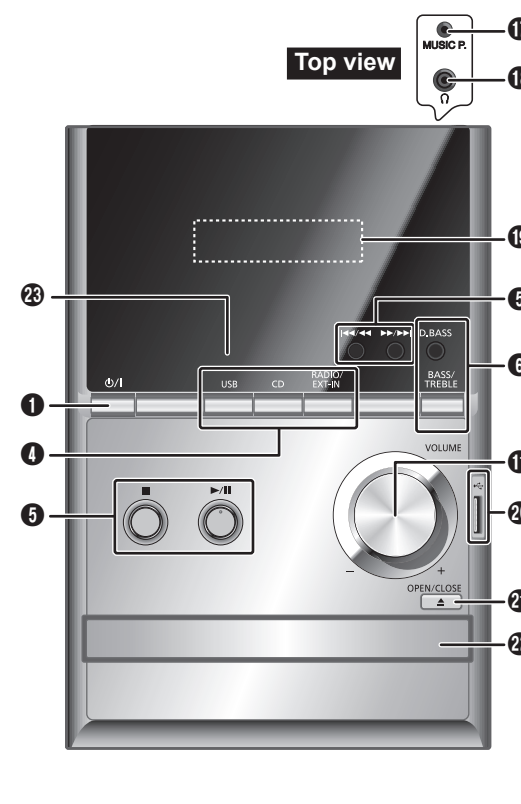
3 MAKING THE CONNECTIONS

Conserving power
The system consumes approximately 0.2 W when it is in standby mode. Disconnect the power supply if you do not use the system. Some settings will be lost after you disconnect the system. You have to set them again.



- 1 Connect the speakers.
Be careful not to cross (short-circuit) or reverse the polarity of the speaker wires as doing so may damage the speakers.
- 2 Connect the FM indoor antenna.
Place the antenna where reception is best.
Using an outdoor antenna (optional)
• Use FM outdoor antenna only if the radio reception is poor.
• Use the included antenna plug adaptor to connect the FM outdoor antenna.
• The antenna should be installed by a competent technician.
• Do not use the outdoor antenna during a lightning storm.
- 3 Connect the AM loop antenna.
- 4 Connect the AC mains lead.
READ THE CAUTION FOR AC MAINS LEAD BEFORE CONNECTION.
Use the included AC mains lead with this system only. Do not use an AC mains lead from other equipment.

Use the included AC mains lead with this system only. Do not use an AC mains lead from other equipment.



5 DISCS

Playing discs		Program playback	
1 Press [▲ , OPEN/CLOSE] on the main unit to open the disc tray. Put in a disc with the label facing up. Press [▲ , OPEN/CLOSE] again to close the disc tray.		This function allows you to program up to 24 tracks.	
2 Press [CD] and then press [▶/] to start playback.		[CD]	
Stop playback	Press [■] during playback.	1 Press [PROGRAM] in the stop mode. "PGM" is shown.	
Pause playback	Press [▶/] during playback. Press again to continue playback.	2 Press the numeric buttons to select the desired track. Do this step again to program other tracks.	
Skip album (MP3)	Press [▲ , ▼].	3 Press [▶/] to start playback.	
Skip track	Press [◀◀] or [▶▶] (main unit: [◀◀/◀◀] or [▶▶/▶▶]).	[MP3]	
Search through track (CD)	Press and hold [◀◀] or [▶▶] (main unit: [◀◀/◀◀] or [▶▶/▶▶]).	1 Press [PROGRAM] in the stop mode.	

Repeat playback

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

- Press [PLAY MENU] to select "REPEAT".
- Press [**◀**, **▶**] to select "ON REPEAT" and then press [OK]. "C" is shown. To cancel, select "OFF REPEAT".

Playmode function

- Press [PLAY MENU] to select "PLAYMODE".
- 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.
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 disc tray.

Viewing available information

You can view the available information on the display panel.

Press [DISPLAY].

Note:

- Maximum characters that can be shown: approximately 16
- This system supports ver. 1.0, 1.1 and 2.3 ID3 tags.
- Text data that the system does not support can show differently.

6 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.

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

- Press [USB] and then press [**▶/||**] to start playback.

Stop playback	Press [■] during playback. "RESUME" is shown. Press [▶/] to continue playback from the start of the track. 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

7 RADIO

Manual tuning		Automatic presetting	
1 Press [RADIO, EXT-IN] (main unit: [RADIO/EXT-IN]) to select "FM" or "AM".		30 FM and 15 AM stations can be preset.	
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.		Preparation Press [RADIO, EXT-IN] (main unit: [RADIO/EXT-IN]) to select "FM" or "AM".	
3 Press [OK]. Do steps 2 through 4 again to program other tracks.		1 Press [OK] to select "LOWEST" or "CURRENT" frequency.	
4 Press [OK]. Do steps 2 through 4 again to program other tracks.		2 Press [AUTO PRESET] to start presetting. To cancel, press [■].	
To improve the sound quality		Manual presetting	
<i>When "FM" is selected</i>		30 FM and 15 AM stations can be preset.	
1 Press [RADIO MENU] to select "FM MODE".		Preparation Press [RADIO, EXT-IN] (main unit: [RADIO/EXT-IN]) to select "FM" or "AM".	
2 Press [◀ , ▶] to select "MONO" and then press [OK]. To cancel, select "STEREO".		1 Press [◀◀] or [▶▶] to tune in to the station.	
* "MONO" is also cancelled when you change the frequency.		2 Press [PROGRAM].	
* Switch off "MONO" for normal listening.		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.	
<i>When "AM" is selected</i>		Manual presetting	
1 Press [RADIO MENU] to select "B.PROOF".		30 FM and 15 AM stations can be preset.	
2 Press [◀ , ▶] to select "BP 1" or "BP 2" and then press [OK].		Preparation Press [RADIO, EXT-IN] (main unit: [RADIO/EXT-IN]) to select "FM" or "AM".	
* "MONO" is also cancelled when you change the frequency.		1 Press [◀◀] or [▶▶] to tune in to the station.	
* Switch off "MONO" for normal listening.		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.		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.	

AM allocation setting (by main unit only)

This system can also receive AM broadcasts allocated in 10 kHz steps.

- Press [RADIO/EXT-IN] to select "FM" or "AM".
- Press and hold [RADIO/EXT-IN]. After a few seconds, the display panel shows the current minimum radio frequency. Release the button when the minimum frequency changes.

- To go back to the initial setting, do the above steps again.
- After you change the setting, preset frequencies are erased.

PS (Station name)	PTV (Program type)
FREQ (Frequency)	

Note:
RDS may not be available if reception is poor.

8 CLOCK AND TIMERS

Setting the clock		Play timer	
This is a 24-hour clock.		You can set the timer to come on at a certain time to wake you up.	
1 Press [CLOCK/TIMER] to select "CLOCK".		Switch on the system and set the clock. Prepare the music source you want to listen to (disc, radio, USB or music port) and set the volume.	
2 Within 10 seconds, press [▲ , ▼] to set the time.		1 Press [CLOCK/TIMER] to select "ⓄPLAY 1", "ⓄPLAY 2" or "ⓄPLAY 3".	
3 Press [OK]. Press [CLOCK/TIMER] to show the clock for a few seconds.		2 Within 10 seconds, press [▲ , ▼] to set the start time.	
Note: Reset the clock regularly to maintain accuracy.		3 Press [OK].	
4 Do steps 2 and 3 again to set the end time.		5 Press [Ⓞ, PLAY] to start "ⓄPLAY 1", "ⓄPLAY 2" or "ⓄPLAY 3".	
6 Press [Ⓞ] to switch off the system. The system must be switched off for the timer to operate.		6 Press [Ⓞ] to switch off the system. The system must be switched off for the timer to operate.	

Change the settings	Do steps 1 through 4 and 6 again (⇒ above).
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Change the source or volume	1) Press [Ⓞ, PLAY] two times to remove the timer indicator on the display panel. 2) Change the source or volume. 3) Do steps 5 and 6 (⇒ above).
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Check the settings	Press [CLOCK/TIMER] to select "ⓄPLAY 1", "ⓄPLAY 2" or "ⓄPLAY 3".
Cancel	Press [Ⓞ, PLAY] two times to remove the timer indicator on the display panel.

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.
- Note:
- The 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.

9 SOUND EFFECTS

Changing the sound quality		Preset EQ	
1 Press [SOUND] to select a sound effect.		Press [PRESET EQ] to select a setting.	
2 Within 3 seconds, press [◀ , ▶] to select the desired 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".	
		By main unit only	
		1 Press [BASS/TREBLE] to select "BASS" or "TREBLE".	
		2 Press [◀◀/◀◀] or [▶▶/▶▶] to adjust the level.	

10 EXTERNAL EQUIPMENT

Components and cables are sold separately.

Using the music port

You can play music from a portable audio equipment.

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.

- Connect the portable audio equipment. Plug type: Ø 3.5 mm stereo (not included).
- Press [RADIO, EXT-IN] (main unit: [RADIO/EXT-IN]) to select "MUSIC PORT".
- 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.

Connecting to headphones

- Connect the headphones to the headphones jack.
- 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.

11 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] (main unit: [RADIO/EXT-IN]) to select "MUSIC PORT".

To set the code to "REMOTE 2"

- Press and hold [RADIO/EXT-IN] on the main unit and [2] on the remote control until "REMOTE 2" is shown.
- Press and hold [OK] and [2] for a minimum of 4 seconds.

To set the code to "REMOTE 1"

- Press and hold [RADIO/EXT-IN] on the main unit and [1] on the remote control until "REMOTE 1" is shown.
- Press and hold [OK] and [1] for a minimum of 4 seconds.

12 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.

13 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	Discs
No operations can be done with the remote control. <ul style="list-style-type: none">Examine that the battery is installed correctly.	Display not shown correctly. Playback does not start. <ul style="list-style-type: none">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.
Sound is distorted or no sound. <ul style="list-style-type: none">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.	Radio

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.

- A low hum is heard during AM broadcasts.
 - Move the antenna away from other cables and cords.

TROUBLESHOOTING GUIDE (continued)

USB	"F61" or "F76"
The USB mass storage device or the contents in it cannot be read. <ul style="list-style-type: none">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.	<ul style="list-style-type: none">There is a power supply problem.
Slow operation of the USB mass storage device. <ul style="list-style-type: none">Large content size or large memory USB mass storage device takes longer time to read.	"ERROR" <ul style="list-style-type: none">An incorrect operation was done. Read the instructions and try again. "NOT MP3/ERROR" <ul style="list-style-type: none">An unsupported MP3 format. The system will skip that track and play the next one.
The elapsed time shown is different from the actual play time. <ul style="list-style-type: none">Transfer the data to another USB mass storage device or backup the data and reformat the USB mass storage device.	"VBR-" <ul style="list-style-type: none">The system cannot show the remaining play time for variable bit rate (VBR) tracks. "NODEVICE" <ul style="list-style-type: none">The USB mass storage device is not connected. Examine the connection. "NO DISC" <ul style="list-style-type: none">You have not put in a disc or put in a disc that the system cannot play (refer to "DISCS").

"-,-,-"

- You connected the AC mains lead for the first time or there was a power failure recently. Set the clock.

Main unit displays

"NO PLAY"

- Examine the content. You can only play supported format.
- If there are more than 255 albums or folders (audio and non-audio), some of the MP3 files in these albums cannot be read and played. Transfer these music albums to another USB mass storage device. Alternatively, reformat the USB mass storage device and save these music albums prior to saving the other non-audio folders.

- "ADJUST CLOCK"**
 - Clock is not set. Adjust the clock accordingly.
- "ADJUST TIMER"**
 - Play timer is not set. Adjust the play timer accordingly.

- "PGM FULL"**
 - The number of programmed tracks is more than 24.

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

- Disconnect the AC mains lead. (Wait 3 minutes before you continue with step 2.)
- While you press and hold [Ⓞ/1] on the main unit, connect the AC mains lead again. "-----" shows on the display panel.
- Release [Ⓞ/1]. All the settings are set back to the factory preset. It is necessary to set the memory items again.

14 SPECIFICATIONS

Amplifier section	USB section
RMS output power stereo mode Front Ch (both ch driven) 10 W per channel (6 Ω), 1 kHz, 10% THD Total RMS stereo mode power 20 W	USB port USB standard USB 2.0 full speed Media file format support MP3 (*.mp3) USB device file system FAT 12, FAT 16, FAT 32 USB port power 500 mA (max)

FM 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 10 cm cone type Impedance 6 Ω
Amplitude modulation (AM) Frequency range 522 kHz to 1629 kHz (9 kHz step) 520 kHz to 1630 kHz (10 kHz step)	Output sound pressure 83 dBW (1 m) Frequency range 61 Hz to 17 kHz (−16 dB) 95 Hz to 15 kHz (−10 dB)

Headphones jack Terminal	Stereo, 3.5 mm jack	Dimensions (W x H x D) 139 mm x 224 mm x 138 mm
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Music port (top) Terminal	Stereo, 3.5 mm jack	Mass 1.3 kg
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Disc section	General
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 supply AC 220 to 240 V, 50 Hz Power consumption 12 W Dimensions (W x H x D) 153 mm x 224 mm x 232 mm
Pick up Wavelength Laser power	1.7 kg Operating temperature range 0°C to +40°C Operating humidity range 35% to 80% RH (no condensation)
Audio output (Disc) Number of channels FL = Front left channel FR = Front right channel	Power consumption in standby mode 0.2 W (approximate)

- Note:
- Specifications are subject to change without notice. Mass and dimensions are approximate.
 - Total harmonic distortion is measured by the digital spectrum analyzer.