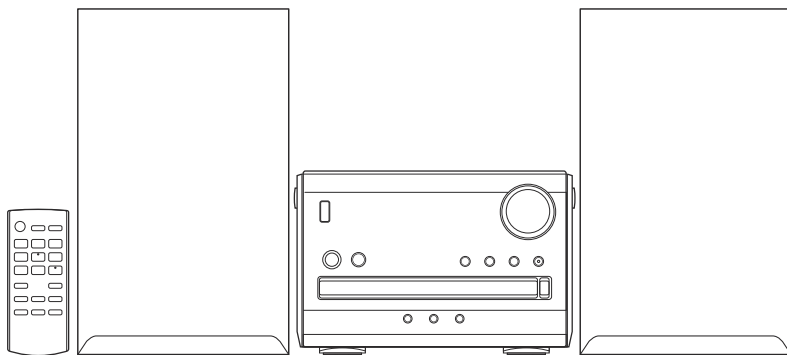


Operating Instructions

CD Stereo System

Model No. **SC-PM272**
SC-PM270



Thank you for purchasing this product.

For optimum performance and safety, please read these instructions carefully.

Please keep this manual for future reference.

"EB" indicates the United Kingdom model.

These operating instructions are applicable for models SC-PM272 and SC-PM270.

PM272: Indicate features applicable to SC-PM272.

PM270: Indicate features applicable to SC-PM270.

System	SC-PM272	SC-PM270
Main unit	SA-PM272	SA-PM270
Speakers	SB-PM02	SB-PM02

Your system and the illustrations can look differently.



Back of product

The symbols on this product (including the accessories) represent the following:

~	AC
--	DC
□	Class II equipment (The construction of the product is double-insulated.)
	ON
⏻	Standby

Safety precautions

WARNING

Unit

- 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 the recommended accessories.
 - Do not remove covers.
 - Do not repair this unit by yourself. Refer servicing to qualified service personnel.

CAUTION

Unit

- 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 this unit is well ventilated.
 - Do not obstruct this 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 moderate climates.
- 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.
- This unit utilizes a laser. Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.
- Set the unit up on an even surface away from direct sunlight, high temperatures, high humidity, and excessive vibration.
- This system might get warm after prolonged usage. This is normal. Do not be alarmed.

AC mains lead

- The mains plug is the disconnecting device. Install this unit so that the mains plug can be unplugged from the socket outlet immediately.

Battery

- Danger of explosion if battery is incorrectly replaced. Replace only with the type recommended by the manufacturer.
- When disposing of the batteries, please contact your local authorities or dealer and ask for the correct method of disposal.
- Do not heat or expose to flame.
- Do not leave the battery(ies) in a car exposed to direct sunlight for a long period of time with doors and windows closed.
- Do not break open or short-circuit the battery.
- Do not charge the alkaline or manganese battery.
- Do not use the battery if the cover has peeled off.
- Remove the battery if you do not use the remote control for a long period of time. Keep in a cool, dark area.
- Avoid the use in the following conditions
 - High or low extreme temperatures during use, storage or transportation.
 - Replacement of a battery with an incorrect type.
 - Disposal of a battery into fire or a hot oven, or mechanically crushing or cutting of a battery, that can result in an explosion.
 - Extremely high temperature and/or extremely low air pressure that can result in an explosion or the leakage of flammable liquid or gas.

Caution for AC mains lead



(For the AC mains plug of three pins)

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.

Figure A

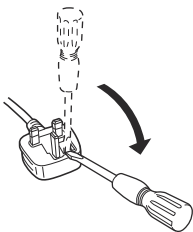
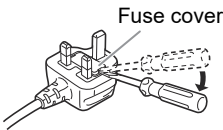


Figure B



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

Figure A

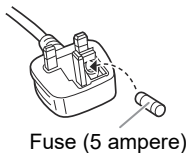


Figure B

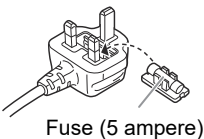


Table of contents

Safety precautions. 3

Caution for AC mains lead 4

Sales and Support Information 6

Supplied accessories 6

Placement of speakers 7

Preparing the remote control. 7

Making the connections. 8

Overview of controls 10

Preparing media 12

Media playback 14

FM Radio. 17

DAB+. 19

Sound effects 21

Clock and timers 22

Others 23

Troubleshooting. 24

Maintenance 27

Specifications 28

References 30

Sales and Support Information

For the United Kingdom and Ireland

Customer Communications Centre

- For customers within the UK: 0344 844 3899
- For customers within Ireland: 01 289 8333
- Monday – Friday 9:00am – 5:00pm (Excluding public holidays).
- For further support on your product, please visit our website: www.panasonic.co.uk

Direct Sales at Panasonic UK

- Order accessory and consumable items for your product with ease and confidence by phoning our Customer Communications Centre Monday – Friday 9:00am – 5:00pm (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.

Supplied accessories

Check and identify the supplied accessories.

Product numbers correct as of July 2023. These may be subject to change.

☐ 1 AC mains lead

For the United Kingdom and Ireland

(K2CT2YY00146)

For Continental Europe

(K2CQ2YY00164)

☐ 1 Ferrite core

(J0KG00000037)



☐ **PM272**

1 DAB/FM antenna

(N1CYYYY00022)



☐ **PM270**

1 FM indoor antenna

(RSAX0002)

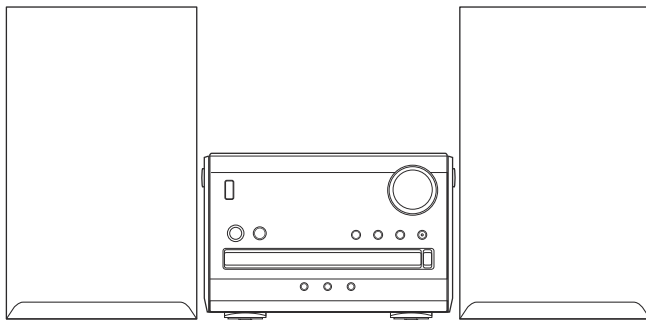


☐ 1 Remote control

(N2QAYB000984)

Placement of speakers

The left and right speakers are the same.



Use only the supplied speakers.

You can cause damage to the system and decrease the sound quality if you use other speakers.

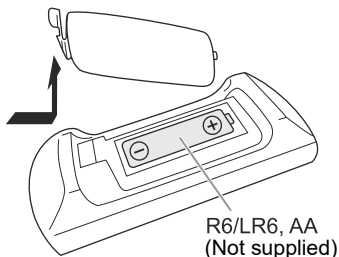
Note:

- Keep your speakers more than 10 mm from the main unit for ventilation.
- Put the speakers on a flat safe surface.
- These speakers do not have magnetic shielding. Do not put them near TVs, PCs or other equipment easily influenced by magnetism.
- When you play at high levels for a long period, it can cause damage to the speakers and decrease the life of the speakers.
- Decrease the volume in these conditions to prevent damage:
 - When the sound is distorted.
 - When you adjust the sound quality.

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 not modify the speaker or speaker wires as this can cause damage to the system.

Preparing the remote control



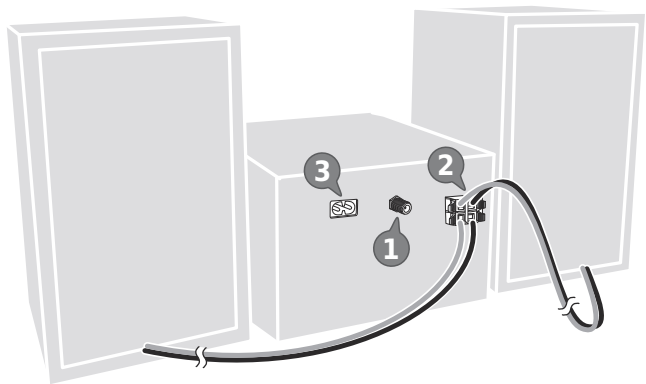
Use alkaline or manganese battery.

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

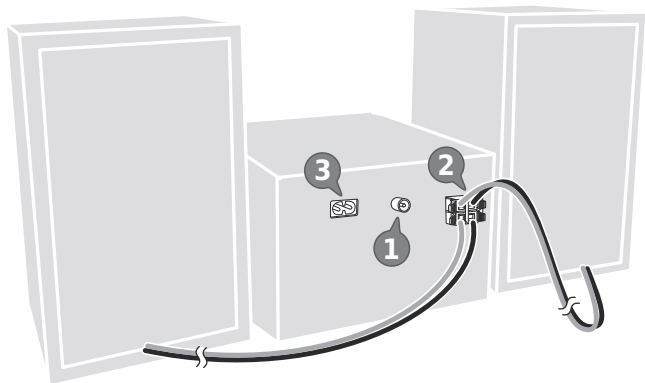
Making the connections

Connect the AC mains lead only after all the other connections have been made.

PM272

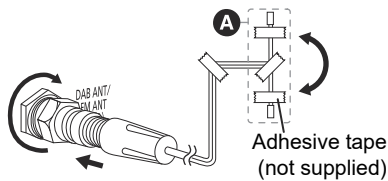


PM270



1 PM272

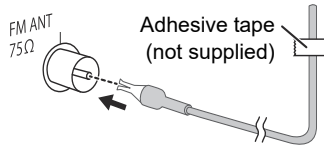
Connect the DAB/FM antenna.
Be sure to tighten fully the nut.
Rotate the antenna at A to improve reception.



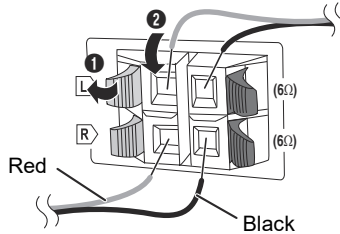
Note:
Use an outdoor antenna if the reception is poor.

PM270**Connect the FM indoor antenna.**

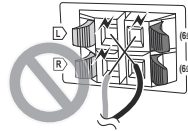
Put the antenna where reception is best.

**2 Connect the speakers.**

Connect the speaker cables to the corresponding terminals.



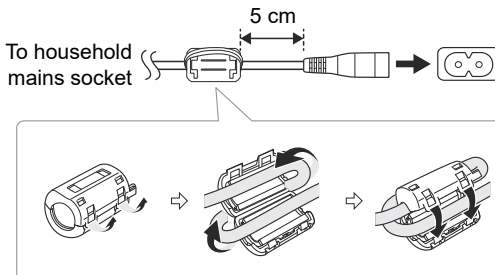
Be careful not to cross (short-circuit) or reverse the polarity of the speaker wires as doing so may damage the speakers.

**3 Connect the AC mains lead.**

Do not use any other AC mains leads except the supplied one.

(For the AC mains plug of three pins)

READ THE "Caution for AC mains lead" BEFORE CONNECTION. (⇒ 4)

**Attaching the ferrite core near to the terminal**

- ① Pull on the tabs (both sides) to open.
- ② Put the AC mains lead onto one of the concave surfaces.
- ③ Coil the AC mains lead around the ferrite core and onto the other concave surface.
- ④ Close the ferrite core until it clicks.

Note:

Failure to attach the ferrite core to the AC mains lead may cause interference to other devices nearby.

Conserving power

The system consumes a small amount of power even when it is in standby mode. Disconnect the power supply if you do not use the system.

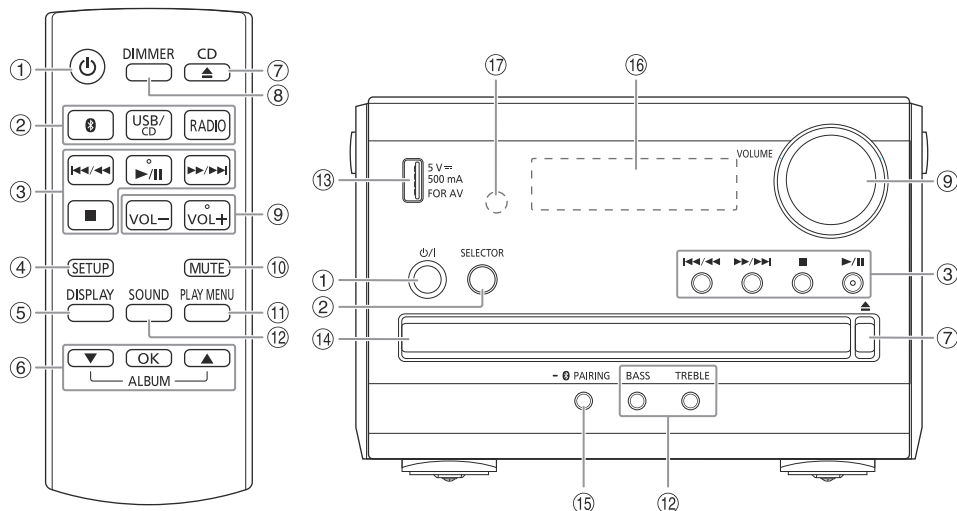
Some settings will be lost after you disconnect the system. You have to set them again.

Note:

Keep the antennas away from the speaker cables and the AC mains lead to avoid picking up noise.

Overview of controls

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



① Standby/on switch [⏻], [⏻/⏻]

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 Select the audio source

On the main unit:

Press [SELECTOR] repeatedly to select the source:

PM272

CD → BLUETOOTH → USB → DAB+ → FM

PM270

CD → BLUETOOTH → USB → FM

③ Basic playback control

④ View the setup menu

⑤ View the content information

⑥ Select or confirm the option

Skip MP3 albums

⑦ Open or close the disc tray

⑧ Decrease the brightness of the display panel

To cancel, press the button again.

⑨ Adjust the volume level

⑩ Mute the sound

To cancel, press the button again.

"MUTE" is also cancelled when you adjust the volume or when you switch off the system.

⑪ View the play menu

- ⑫ Select the sound effects
- ⑬ USB port (DC 5 V \approx 500 mA, FOR AV)
- ⑭ Disc tray
- ⑮ **Select “BLUETOOTH” as the audio source**
To start Bluetooth® pairing, press and hold the button.
- ⑯ Display panel
- ⑰ **Remote control sensor**
Distance: Within approximately 7 m
Angle: Approximately 10° up and 30° down, 30° left and right

Preparing media

Disc

- 1 Press [CD ▲] (main unit: [▲]) to open the disc tray.
Put in a disc with the label facing up.



Press again to close the disc tray.

- 2 Press [USB/CD] (main unit: [SELECTOR]) repeatedly to select “CD”.

USB

Preparation

Before you connect a USB device to the system, make sure you do a backup of the data.

- 1 Decrease the volume and connect the USB device to the USB port.
Hold the main unit when connecting or disconnecting the USB device.
- 2 Press [USB/CD] (main unit: [SELECTOR]) repeatedly to select “USB”.

Note:

Do not use a USB extension cable. The system cannot recognise USB device connected through a cable.

Bluetooth®

You can connect and play an audio device wirelessly through Bluetooth®.

Preparation

- Switch on the main unit.
- Switch on the Bluetooth® feature of the device and put the device near the system.
- Read the operating instructions of the device for details.

Pairing a device

Preparation

If this system is connected to a Bluetooth® device, disconnect it (⇒ 13).

- 1 Press [⊗].
If “PAIRING” is shown, continue with step 4.
- 2 Press [PLAY MENU] to select “PAIRING”.
Or press and hold [– ⊗ PAIRING] on the main unit until “PAIRING” is shown. Continue with step 4.
- 3 Press [▲, ▼] to select “OK? YES” and then press [OK].
“PAIRING” is shown.
To cancel, select “OK? NO”.
- 4 Select “SC-PM272” or “SC-PM270” from the Bluetooth® menu of the device.
If prompted for a passkey, input “0000”.
The device connects with this system automatically after pairing is complete.
The name of the connected device is shown for a few seconds.

Note:

You can pair up to 8 devices with this system. If a 9th device is paired, the device that has not been used for the longest time will be replaced.

■ Connecting a device

Preparation

If this system is connected to a Bluetooth® device, disconnect it (⇒ 13).

1 Press [].

“BLUETOOTH READY” is shown.

2 Select “SC-PM272” or “SC-PM270” from the Bluetooth® menu of the device.

The name of the connected device is shown for a few seconds.

3 Start playback on the device.

Note:

- A device must be paired to connect.
- This system can only connect to one device at a time.
- When “BLUETOOTH” is selected as the source, this system will automatically try to connect to the last connected device. (“LINKING” is shown during this process.)

■ Disconnecting a device

While a Bluetooth® device is connected

1 Press [PLAY MENU] repeatedly to select “DISCONNECT?”.

2 Press [▲, ▼] to select “OK? YES” and then press [OK].

“BLUETOOTH READY” is shown.

To cancel, select “OK? NO”.

Using the main unit

Press and hold [–  PAIRING] until “PAIRING” is shown.

Note:

A device is disconnected when you:

- Select a different source.
- Move the device out of the maximum range.
- Disable the Bluetooth® transmission of the device.
- Switch off the system or the device.

Media playback

The following marks indicate the availability of the feature.

- CD** : CD-R/RW in CD-DA format or with MP3 files.
- USB** : USB device with MP3 files.
- BLUETOOTH** : Bluetooth® device.

Basic playback

CD **USB** **BLUETOOTH**

Play	Press [▶/].
Stop	Press [■]. USB The track is memorised. “RESUME” is shown. Press again to stop fully.
Pause	Press [▶/]. Press again to continue playback.
Skip	Press [◀◀/▶▶] or [▶▶/▶▶] to skip track. CD USB Press [▲, ▼] to skip MP3 album.
Search	Press and hold [◀◀/▶▶] or [▶▶/▶▶].

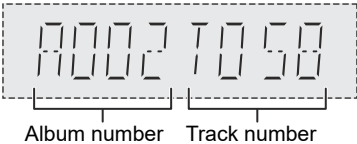
Note:
Depending on the Bluetooth® device, some operations may not work.

Viewing available information

CD **USB** **BLUETOOTH**

You can view the available information, such as MP3 album and track number, on the display panel.

Press [DISPLAY] repeatedly.
Example: MP3 album and track number display.



- Note:**
- Maximum characters that can be shown: Approximately 32
 - This system supports ver. 1.0, 1.1 and 2.3 ID3 tags.
 - Text data that the system does not support can show differently.

Play menu

CD | USB

- 1 Press [PLAY MENU] repeatedly to select “PLAYMODE” or “REPEAT”.
- 2 Press [▲, ▼] to select the setting and then press [OK].

PLAYMODE	
OFF PLAYMODE	Cancel the setting.
1-TRACK 1TR	Play one selected track. Press [◀◀/◀◀] or [▶▶/▶▶] to select the track.
1-ALBUM 1ALBUM	Play one selected MP3 album. Press [▲, ▼] to select the MP3 album.
RANDOM RND	Play all tracks randomly.
1-ALBUM RANDOM 1ALBUM RND	Play all tracks in one selected MP3 album randomly. Press [▲, ▼] to select the MP3 album.
REPEAT	
ON REPEAT ↺	Repeat playback.
OFF REPEAT	Cancel the setting.

Note:

- During random playback, you cannot skip to tracks which have been played.
- The setting is cancelled when you open the disc tray or disconnect the USB device.

Link mode

BLUETOOTH

You can change the link mode to suit the connection type.

Preparation

If this system is connected to a Bluetooth® device, disconnect it (⇒ 13).

- 1 Press [PLAY MENU] repeatedly to select “LINK MODE”.
- 2 Press [▲, ▼] to select the mode and then press [OK].

MODE 1	Emphasis on connectivity.
MODE 2 (default)	Emphasis on sound quality.

Note:

- Depending on the device, the playback image and sound may not be synchronised. In this case, select “MODE 1”.
- Select “MODE 1” if the sound is interrupted.

Input level

BLUETOOTH

You can change the input level setting if the sound input level of the Bluetooth® transmission is too low.

1 Press [PLAY MENU] repeatedly to select “INPUT LEVEL”.

2 Press [▲, ▼] to select the level and then press [OK].



Note:

Select “LEVEL 0” if the sound is interrupted.

Note on disc

- This system can play CD-R/RW with CD-DA or MP3 format content.
- Before playback, finalise the disc on the device it was recorded on.
- Some CD-R/RW cannot be played because of the condition of the recording.
- This system does not guarantee play of all types of discs.

Note on USB device

- This system does not guarantee connection with all USB devices.
- This system supports USB 2.0 full-speed.
- This system can support USB devices of up to 32 GB.
- Only FAT 12/16/32 file system is supported.

Note on MP3 file

- Files are defined as tracks and folders are defined as albums.
- Tracks must have the extension “.mp3” or “.MP3”.
- Tracks will not necessarily be played in the order you recorded them.
- Some files can fail to work because of the sector size.
- This system does not guarantee play of all MP3s.

MP3 file on disc

- This system can access up to:
 - 255 albums (including root folder)
 - 999 tracks
 - 20 sessions
- Disc must conform to ISO9660 level 1 or 2 (except for extended formats).

MP3 file on USB device

- This system can access up to:
 - 800 albums (including root folder)
 - 8000 tracks
 - 999 tracks in one album

FM Radio

Preparation

Press [RADIO] (main unit: [SELECTOR]) repeatedly to select “FM”.

Manual tuning

- 1 Press [PLAY MENU] repeatedly to select “TUNEMODE”.
- 2 Press [▲, ▼] to select “MANUAL” and then press [OK].
- 3 Press [◀◀/◀◀] or [▶▶/▶▶] to tune in to the station.
To tune automatically, press and hold the button until the frequency starts changing quickly.
“STEREO” is shown when a stereo broadcast is being received.

Memory presetting

You can preset up to 30 FM stations.

Automatic presetting

- 1 Press [PLAY MENU] to select “A.PRESET”.
- 2 Press [▲, ▼] to select “LOWEST” or “CURRENT” and then press [OK].

LOWEST	Tuning begins from the lowest frequency.
CURRENT	Tuning begins from the current frequency.

The tuner presets all the stations it can receive into the channels in ascending order.
To cancel, press [■].

Manual presetting

- 1 Press [PLAY MENU] repeatedly to select “TUNEMODE”.
- 2 Press [▲, ▼] to select “MANUAL” and then press [OK].
- 3 Press [◀◀/◀◀] or [▶▶/▶▶] to tune in to the station.
- 4 Press [OK].
- 5 Press [▲, ▼] to select a preset number and then press [OK].
Do steps 3 through 5 again to preset more stations.
The new station replaces any station that occupies the same preset number.

Selecting a preset station

- 1 Press [PLAY MENU] repeatedly to select “TUNEMODE”.
- 2 Press [▲, ▼] to select “PRESET” and then press [OK].
- 3 Press [◀◀/◀◀] or [▶▶/▶▶] to select the preset station.

Improving the sound quality

- 1 Press [PLAY MENU] repeatedly to select “FM MODE”.
- 2 Press [▲, ▼] to select “MONO” and then press [OK].
To cancel, select “STEREO”.
“MONO” is also cancelled when you change the frequency.
To memorise the setting
Continue with step 4 of “Manual presetting” (⇒ 17).

Checking the signal status

PM270 **PM272** For the United Kingdom and Ireland

Press [DISPLAY].

PM272 For Continental Europe

Press [DISPLAY] repeatedly to select “FM STATUS”.

FM - - - -	The FM signal is weak. The system is not tuned in to a station.
FM ST	The FM signal is in stereo.
FM MONO	“MONO” is selected as the “FM MODE”. The FM signal is in monaural.

Radio Data System broadcasting

PM272 For Continental Europe

This system can show the text data transmitted by the radio data system (Radio Data System) available in some areas.

Press [DISPLAY].

PS	Programme service
PTY	Programme type
FREQ	Frequency

Note:
Radio Data System may not be available if the reception is poor.

DAB+

PM272

Preparation

Press [RADIO] (main unit: [SELECTOR]) repeatedly to select "DAB+".

Note:

If you select "DAB+" for the first time, the system will tune automatically.

Manual tuning

- 1 Press [PLAY MENU] repeatedly to select "MANUAL SCAN".
- 2 Press [▲, ▼] to select the frequency block and then press [OK].
If no station is detected, "SCAN FAILED" is shown.
Adjust the antenna and try again.

Automatic tuning

- 1 Press [PLAY MENU] to select "AUTOSCAN" and then press [OK].
"START?" is shown.
- 2 Press [OK] to start tuning.
"DAB AUTO SCAN" is shown.
If no station is detected, "SCAN FAILED" is shown.
Do manual tuning.

Note:

Preset frequencies are erased after you do automatic tuning.

Memory presetting

You can preset up to 20 stations.

- 1 Press [PLAY MENU] repeatedly to select "TUNEMODE".
- 2 Press [▲, ▼] to select "STATION" and then press [OK].
- 3 Press [◀◀/◀◀] or [▶▶/▶▶] to tune in to the station.
- 4 Press [OK].
- 5 Press [▲, ▼] to select a preset number and then press [OK].
Do steps 3 through 5 again to preset more stations.
The new station replaces any station that occupies the same preset number.

Note:

You cannot preset a station when the station is not broadcasting or when you have selected a secondary service.

Selecting a preset station

- 1 Press [PLAY MENU] repeatedly to select "TUNEMODE".
- 2 Press [▲, ▼] to select "PRESET" and then press [OK].
- 3 Press [◀◀/◀◀] or [▶▶/▶▶] to select the preset station.

Secondary service

You can listen to secondary services when “▼” is shown.

- 1 Press [PLAY MENU] repeatedly to select “DAB SECONDARY”.
- 2 Press [▲, ▼] to select the secondary service and then press [OK].
To cancel, select “PRIMARY”.

Note:

The setting is cancelled when you select other stations.

Viewing available information

You can view the following information on the display panel:

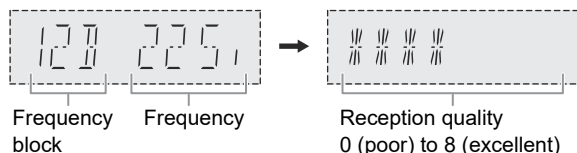
- Information about the DAB broadcast
- Programme type
- Ensemble label
- Frequency
- Time

Press [DISPLAY].

Checking the signal quality

You can check the signal quality when adjusting the antenna.

- 1 Press [PLAY MENU] repeatedly to select “SIGNAL QUALITY” and then press [OK].
The frequency block followed by the reception quality is shown.
To select other frequency blocks, press [▲, ▼].



- 2 Press [OK] again to exit.

Automatic clock adjustment

You can set the clock to update automatically.

- 1 Press [PLAY MENU] repeatedly to select “AUTO CLOCK ADJ”.
- 2 Press [▲, ▼] to select “ON ADJUST” and then press [OK].
To cancel, select “OFF ADJUST”.

Sound effects

- 1 Press [SOUND] repeatedly to select the effect.
- 2 Press [▲, ▼] to select the setting and then press [OK].

PRESET EQ	"HEAVY" (default), "SOFT", "CLEAR", "VOCAL" or "FLAT"
BASS	<div>-4 to +4 (default: 0)</div> <div><i>Using the main unit</i></div> <div><div>1. Press [BASS].</div><div>2. Press [◀◀/◀◀] or [▶▶/▶▶].</div></div>
TREBLE	<div>-4 to +4 (default: 0)</div> <div><i>Using the main unit</i></div> <div><div>1. Press [TREBLE].</div><div>2. Press [◀◀/◀◀] or [▶▶/▶▶].</div></div>
D.BASS	"ON D.BASS" (default) or "OFF D.BASS"
SURROUND	"ON SURROUND" or "OFF SURROUND" (default)

Clock and timers

Setting the clock

This is a 24-hour clock.

- 1 Press [SETUP] repeatedly to select “CLOCK”.
- 2 Press [▲, ▼] to set the time and then press [OK].

To check the time

Press [SETUP] repeatedly to select “CLOCK” and then press [OK].
In standby mode, press [DISPLAY].

Note:

Reset the clock regularly to maintain accuracy.

Play timer

(Except for Bluetooth® source)

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

Preparation

Set the clock.

- 1 Press [SETUP] repeatedly to select “TIMER ADJ”.
- 2 Press [▲, ▼] to set the start time and then press [OK].
- 3 Do step 2 again to set the end time.
- 4 Press [▲, ▼] to select the source you want to play and then press [OK].

To start the timer

- 1 Prepare the source you want to listen to (disc, USB or radio) and set the volume.
- 2 Press [SETUP] repeatedly to select “TIMER SET”.
- 3 Press [▲, ▼] to select “SET” and then press [OK].
“⊕” is shown.
To cancel, select “OFF”.
The system must be switched off for the timer to operate.

To check the setting

Press [SETUP] repeatedly to select “TIMER ADJ” and then press [OK].
In standby mode, press [DISPLAY] two times.

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 then switch on again while a timer is in operation, the timer will not stop at the end time.

Sleep timer

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

- 1 Press [SETUP] repeatedly to select "SLEEP".
- 2 Press [▲, ▼] to select the setting (in minutes) and then press [OK].
To cancel, select "OFF".

SLEEP 30 ↔ SLEEP 60 ↔ SLEEP 90 ↔ SLEEP 120

Note:

- The remaining time is always shown on the display. The display changes temporarily when you perform other operations.
- The sleep timer always comes first. Be sure not to set an overlap of timers.

Others

Auto off

This system automatically switches off when you do not use it for approximately 20 minutes.

- 1 Press [SETUP] repeatedly to select "AUTO OFF".
- 2 Press [▲, ▼] to select "ON" and then press [OK].
To cancel, select "OFF".

Note:

This function does not work when you are in radio source or when a Bluetooth® device is connected.

Bluetooth® standby

This function automatically switches on the system when you establish a Bluetooth® connection from a paired device.

- 1 Press [SETUP] repeatedly to select "BLUETOOTH STANDBY".
- 2 Press [▲, ▼] to select "ON" and then press [OK].
To cancel, select "OFF".

Note:

Some devices may take longer to respond. If you are connected to a Bluetooth® device before switching off the system, wait for a minimum of 5 seconds before connecting to this system from your Bluetooth® device again.

Software updates

Occasionally, Panasonic may release updated software for this system that may add or improve the way a feature operates. These updates are available free of charge.

For more details, refer to the following website.

<https://panasonic.jp/support/global/cs/>

(This site is in English only.)

Checking the software version

- 1 Press [SETUP] repeatedly to select "SW VER." and then press [OK].
The software version is shown.
- 2 Press [OK] again to exit.

Troubleshooting

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.

When requesting service, make sure to send both the main unit and the remote control to the service centre.

Common problems

The unit does not work.

- The safety device has been activated. Do the following:
 1. Press [⏻] on the main unit to switch the unit to standby mode. If the unit does not switch to standby mode, disconnect the AC mains lead and then connect it again.
 2. Press [⏻] again to switch on the unit. If the problem persists, consult your dealer.

No operations can be done with the remote control.

- Examine that the battery is installed correctly.

Sound is distorted or no sound.

- Adjust the volume of the system.
- Switch off the system, determine and correct the cause, and then switch 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.

Disc

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.

USB

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

- The format of the USB device or the contents in it are not compatible with the system.
- USB devices with storage capacity of more than 32 GB cannot work.
- USB devices may not be recognised when connected to this system with a USB extension cable or USB hub.

Slow operation of the USB device.

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

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

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

Radio/DAB+

DAB+ reception is poor.

- Keep the antenna away from computers, televisions, other cables and cords.

Sound is distorted.

- Use an optional outdoor antenna. The antenna should be installed by a competent technician.

A beat sound is heard.

- Switch off the TV or move it away from the system.
- Move mobile telephones away from the system if the interference is apparent.

Bluetooth®

Pairing cannot be done.

- Check the Bluetooth® device condition.
- The device is out of the 10 m communication range. Move the device nearer to the system.

The device cannot be connected.

- The pairing of the device was unsuccessful. Do pairing again.
- The pairing of the device has been replaced. Do pairing again.
- This system might be connected to a different device. Disconnect the other device and try connecting the device again.
- The system may have a problem. Switch off the system and then switch on again.
- If "MODE 2" is selected in "LINK MODE", select "MODE 1" (⇒ 15).

The device is connected but audio cannot be heard through the system.

- For some built-in Bluetooth® devices, you have to set the audio output to "SC-PM272" or "SC-PM270" manually. Read the operating instructions of the device for details.

Sound from the device is interrupted.

- The device is out of the 10 m communication range. Move the device nearer to the system.
- Remove any obstacle between the system and the device.
- Other devices that use the 2.4 GHz frequency band (wireless router, microwaves, cordless phones, etc.) are interfering. Move the device nearer to the system and distance it from the other devices.
- Select "MODE 1" for stable communication (⇒ 15).

Playback image and sound are not synchronised.

- Restart the playback app of the device.

Main unit displays

"--:--"

- You connected the AC mains lead for the first time or there was a power failure recently. Set the clock.
- Track play time is more than 99 minutes.

"ADJUST CLOCK"

- The clock is not set. Adjust the clock.

"ADJUST TIMER"

- The play timer is not set. Adjust the play timer.

"AUTO OFF"

- The system has not been used for 20 minutes and will switch off within a minute. To cancel, press any button.

"ERROR"

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

"F61"

"F71"

- Disconnect the AC mains lead and consult your dealer.

"F70"

- Examine the Bluetooth® connection.
- Disconnect the Bluetooth® device. Switch off the system and then switch on again.

"F76"

- There is a problem with the power supply.
- Disconnect the AC mains lead and consult your dealer.

"NODEVICE"

- The USB device is not connected. Examine the connection.

“NO DISC”

- You have not put in a disc.

“NO PRESET”

- DAB memory presetting has not been done.

“NO PLAY”

- There is no album or track in the USB device.
- Examine the content. You can only play supported format.
- The system may have a problem. Switch off the system and then switch on again.

“NO SIGNAL”


- The station cannot be received. Adjust the antenna.

“PLAYERERROR”

- You played an unsupported MP3. The system will skip that track and play the next one.

“REMOTE 1”

“REMOTE 2”

- The remote control and the main unit are using different codes. Change the code of the remote control.
 - When “REMOTE 1” is shown, press and hold [OK] and [] on the remote control for a minimum of 4 seconds.
 - When “REMOTE 2” is shown, press and hold [OK] and [USB/CD] for a minimum of 4 seconds.

“SCAN FAILED”

- Stations cannot be received. Adjust the antenna or do manual tuning.

“USB OVER CURRENT ERROR”

- The USB device is drawing too much power. Disconnect the USB device, switch off the system and then switch on again.
- Check the connection, it may be caused by a faulty USB cable.

“_VBR_”

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

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 [USB/CD] to select “CD”.

To set the code to “REMOTE 2”

- 1** Press and hold [SELECTOR] on the main unit and [USB/CD] on the remote control until “REMOTE 2” is shown.
- 2** Press and hold [OK] and [USB/CD] for a minimum of 4 seconds.

To set the code to “REMOTE 1”

- 1** Press and hold [SELECTOR] on the main unit and [] on the remote control until “REMOTE 1” is shown.
- 2** Press and hold [OK] and [] for a minimum of 4 seconds.

System memory reset

Reset the memory when the following situations occur:

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

1 Disconnect the AC mains lead.

2 While you press and hold [⏻/⏪] on the main unit, connect the AC mains lead again.
Continue to press and hold the button until “-----” is shown.

3 Release [⏻/⏪].

All the settings are set back to the factory preset.
It is necessary to set the memory items again.

Maintenance

Disconnect the AC mains lead before maintenance. Clean this system 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

General

Power supply	AC 220 V to 240 V, 50 Hz
Power consumption	14 W
Power consumption in standby mode (approximate)	
With "BLUETOOTH STANDBY" set to "OFF"	0.2 W
With "BLUETOOTH STANDBY" set to "ON"	0.3 W

Dimensions (W x H x D)	
SA-PM272/SA-PM270	184 mm × 123 mm × 231 mm
SB-PM02	139 mm × 224 mm × 136 mm

Mass	
SA-PM272/SA-PM270	1.1 kg
SB-PM02	1.3 kg

Operating temperature range	0 °C to +40 °C
Operating humidity range	35% to 80% RH (no condensation)

Amplifier section

RMS output power	
Front Ch (both ch driven)	10 W per channel (6 Ω), 1 kHz, 10% THD
Total RMS power	20 W

Disc section

Disc played (8 cm or 12 cm)	CD, CD-R/RW
Pick up	
Wavelength	790 nm (CD)
<i>NORSK</i>	
Bølgelengde	790 nm (CD)
Laserstyrke	Ingen farlig stråling sendes ut
Format	CD-DA, MP3*1

*1 MPEG-1 Layer 3, MPEG-2 Layer 3

Tuner section

Frequency modulation (FM)	
Preset memory	30 stations
Frequency range	87.50 MHz to 108.00 MHz (50 kHz step)

DAB+ section PM272

DAB memories	20 channels
Frequency band (wavelength)	
Band III (All region)	5A to 13F (174.928 MHz to 239.200 MHz)
Sensitivity *BER 4x10 ⁻⁴	
Min requirement	−98 dBm
DAB external antenna terminal	F - Connector (75 Ω)

Speaker section

Speaker unit(s)	10 cm cone type x 1
Full range	
Impedance	6 Ω

Bluetooth® section

Bluetooth® System Specification	Bluetooth® Ver. 4.2
Wireless Equipment Classification	Class 2 (2.5 mW)
Supported profiles	A2DP, AVRCP
Supported codec	SBC
Frequency band	2.4 GHz band FH-SS
Operating distance	Approx. 10 m Line of sight*2
*2 Prospective communication distance	
Measurement environment:	
Temperature 25 °C/Height 1.0 m	
Measure in “MODE 1”	

Terminals section

USB	Front, USB Type-A connector
File system	FAT12, FAT16, FAT32
USB port power	DC OUT 5 V, 500 mA (MAX)

Format Section

USB	USB 2.0 full-speed
USB standard	
USB mass storage class	
Format support	MP3 (32 kHz, 44.1 kHz, 48 kHz /16 kbps - 320 kbps)

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

References

About Bluetooth®

Panasonic bears no responsibility for data and/or information that is compromised during a wireless transmission.

Frequency band

- This system uses the 2.4 GHz frequency band.

Certification

- This system conforms to the frequency restrictions and has received certification based on frequency laws. Thus, a wireless permit is not necessary.
- The actions below are punishable by law in some countries:
 - Taking apart or modifying the main unit.
 - Removing specification indications.

Restrictions of use

- Wireless transmission and/or usage with all Bluetooth® equipped devices is not guaranteed.
- All devices must conform to standards set by Bluetooth SIG, Inc.
- Depending on the specifications and settings of a device, it can fail to connect or some operations can be different.
- This system supports Bluetooth® security features. But depending on the operating environment and/or settings, this security is possibly not sufficient. Transmit data wirelessly to this system with caution.
- This system cannot transmit data to a Bluetooth® device.

Range of use

- Use this device at a maximum range of 10 m.
- The range can decrease depending on the environment, obstacles or interference.

Interference from other devices

- This system may not function properly and troubles such as noise and sound jumps may arise due to radio wave interference if this unit is located too close to other Bluetooth® devices or the devices that use the 2.4 GHz band.
- This system may not function properly if radio waves from a nearby broadcasting station, etc. is too strong.

Intended usage

- This system is for normal, general use only.
- Do not use this system near an equipment or in an environment that is sensitive to radio frequency interference (example: airports, hospitals, laboratories, etc.).

Licenses

The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Panasonic Holdings Corporation is under license. Other trademarks and trade names are those of their respective owners.

Declaration of Conformity (DoC)

Hereby, "*Panasonic Entertainment & Communication Co., Ltd.*" declares that this product is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU. Customers can download a copy of the original DoC to our RE products from our DoC server: <https://www.ptc.panasonic.eu/compliance-documents>

Contact to Authorised Representative:

Panasonic Marketing Europe GmbH, Panasonic Testing Centre, Winsbergring 15, 22525 Hamburg, Germany

UK Declaration of Conformity (DoC)

Hereby, "*Panasonic Entertainment & Communication Co., Ltd.*" declares that this product is in compliance with the essential requirements and other relevant provisions of the Radio Equipment Regulations 2017 No.1206.

Customers can download a copy of the original DoC to our RE products from our DoC server: <https://www.ptc.panasonic.eu/compliance-documents>

Contact in the UK: Panasonic Testing Centre on behalf of Panasonic UK, a branch of Panasonic Marketing Europe GmbH (Importer)

Maxis 2, Western Road, Bracknell, Berkshire, RG12 1RT

Type of wireless	Frequency band	Maximum power (dBm E.I.R.P.)
Bluetooth®	2402 – 2480 MHz	9 dBm

Ελληνικά

Δήλωση συμμόρφωσης (DoC)

Η "*Panasonic Entertainment & Communication Co., Ltd.*" δηλώνει ότι το προϊόν αυτό είναι συμμορφωμένο προς τις βασικές απαιτήσεις και άλλες σχετικές διατάξεις της Οδηγίας 2014/53/ΕΕ.

Οι πελάτες μπορούν να κατεβάσουν ένα αντίγραφο του πρωτοτύπου DoC για τα RE προϊόντα μας από τον DoC server μας:

<https://www.ptc.panasonic.eu/compliance-documents>

Επικοινωνήστε με τον Εξουσιοδοτημένο Αντιπροσωπό μας:

Panasonic Marketing Europe GmbH, Panasonic Testing Centre, Winsbergring 15, 22525 Hamburg, Γερμανία

Κατασκευάστηκε από:

Panasonic Entertainment & Communication Co., Ltd.

1-10-12, Yagumohigashi-machi, Πόλη Moriguchi Osaka, Ιαπωνία

Τύπο ασύρματης	Ζώνη συχνотήτων	Μέγιστη ισχύς (dBm e.i.r.p.)
Bluetooth®	2402 – 2480 MHz	9 dBm

Português

Declaração de Conformidade (DoC)

Com o presente documento, a "*Panasonic Entertainment & Communication Co., Ltd.*" declara que este produto se encontra em conformidade com os requisitos específicos e demais especificações referentes à Diretiva 2014/53/UE.

Os clientes podem baixar uma cópia da declaração de conformidade (DoC) para nossos produtos RE do Server DoC:

<https://www.ptc.panasonic.eu/compliance-documents>

Contacto com um Representante Autorizado:

Panasonic Marketing Europe GmbH, Panasonic Testing Centre, Winsbergring 15, 22525 Hamburg, Alemanha

Fabricado por:

Panasonic Entertainment & Communication Co., Ltd.

1-10-12, Yagumohigashi-machi, Cidade de Moriguchi, Osaka, Japão

Tipo de ligação sem fios	Banda de frequência	Potência máxima (dBm e.i.r.p.)
Bluetooth®	2402 – 2480 MHz	9 dBm

Magyar

Megfelelőségi Nyilatkozat (DoC)

Ezennel a, „*Panasonic Entertainment & Communication Co., Ltd.*” kijelenti, hogy a jelen termék kielégíti az 2014/53/EU Irányelv létfontosságú követelményeit és más vonatkozó rendelkezéseit.

A vásárlók letölthetik az RE termékek eredeti DoC másolatát a DoC szerverünkről:

<https://www.ptc.panasonic.eu/compliance-documents>

A hivatalos képviselő elérhetősége:

Panasonic Marketing Europe GmbH, Panasonic Testing Centre, Winsbergring 15, 22525 Hamburg, Németország

Gyártotta:

Panasonic Entertainment & Communication Co., Ltd.

1-10-12, Yagumohigashi-machi, Moriguchi City, Osaka, Japán

Wireless típus	Frekvenciasáv	Maximális teljesítmény (dBm e.i.r.p.)
Bluetooth®	2402 – 2480 MHz	9 dBm

Slovensky

Vyhlasenie o zhode (DoC)

„*Panasonic Entertainment & Communication Co., Ltd.*” týmto vyhlasuje, že tento výrobok je v súlade so základnými požiadavkami a ďalšími príslušnými ustanoveniami smernice 2014/53/EÚ.

Zákazníci si môžu stiahnuť kópiu pôvodného DoC na naše RE výrobky z nášho servera DoC:

<https://www.ptc.panasonic.eu/compliance-documents>

Kontakt na splnomocneného zástupcu:

Panasonic Marketing Europe GmbH, Panasonic Testing Centre, Winsbergring 15, 22525 Hamburg, Nemecko

Výrobca:

Panasonic Entertainment & Communication Co., Ltd.

1-10-12, Yagumohigashi-machi, Moriguchi City, Osaka, Japonsko

Typ bezdrôtového pripojenia	Frekvenčné pásmo	Maximálny výkon (dBm e.i.r.p.)
Bluetooth®	2402 – 2480 MHz	9 dBm

Eesti keel

Vastavusdeklaratsioon (DoC)

Käesolevaga kinnitab „*Panasonic Entertainment & Communication Co., Ltd.*”, et see toode vastab direktiivi 2014/53/EL oluliste nõuetele ja teistele asjakohastele sätetele.

Kliendid saavad koopia meie RE toodetele kehtiva originaalvastavusdeklaratsiooni koopia alla laadida meie DoC-serverist:

<https://www.ptc.panasonic.eu/compliance-documents>

Võtke ühendust volitatud esindajaga:

Panasonic Marketing Europe GmbH, Panasonic Testing Centre, Winsbergring 15, 22525 Hamburg, Saksamaa

Tootja:

Panasonic Entertainment & Communication Co., Ltd.

1-10-12, Yagumohigashi-machi, Moriguchi City, Osaka, Jaapan

Juhtmevaba seadme tüüp	Sagedusriba	Maksimaalne võimsus (dBm EIRP)
Bluetooth®	2402 – 2480 MHz	9 dBm

Latviski

Atbilstības deklarācija (DoC)

Ar šo "Panasonic Entertainment & Communication Co., Ltd." paziņo, ka šis izstrādājums atbilst pamatprasībām un pārējiem Direktīvas 2014/53/ES noteikumiem.

Pircēji var lejupielādēt oriģinālo DoC kopiju mūsu RE izstrādājumos no mūsu DoC servera:

<https://www.ptc.panasonic.eu/compliance-documents>

Lūdzam sazināties ar pilnvaroto parstāvi:

Panasonic Marketing Europe GmbH, Panasonic Testing Centre, Winsbergring 15, 22525 Hamburg, Vācijā

Ražotājs:

Panasonic Entertainment & Communication Co., Ltd.

1-10-12, Yagumohigashi-machi, Moriguchi City, Osaka, Japāna

Bezvadu tips	Frekvenču josla	Maksimālā jauda (dBm EIRP)
Bluetooth®	2402 – 2480 MHz	9 dBm

Lietuviškai

Atitikties deklaracija (AD)

Bendrovė "Panasonic Entertainment & Communication Co., Ltd." patvirtina, kad šis gaminys atitinka direktyvos 2014/53/ES esminius reikalavimus ir kitas taikytinas nuostatas.

Mūsų RE gaminių originalios atitikties deklaracijos kopiją klientai gali atsisiųsti iš mūsų AD serverio:

<https://www.ptc.panasonic.eu/compliance-documents>

[galiojoto atstovo adresas:

Panasonic Marketing Europe GmbH, Panasonic Testing Centre, Winsbergring 15, 22525 Hamburg, Vokietija

Gamintojas:

Panasonic Entertainment & Communication Co., Ltd.

1-10-12, Yagumohigashi-machi, Moriguchi City, Osaka, Japonija

Bevielio ryšio tinklas	Dažnių diapazonas	Maksimali siuntimo galia (dBm e.i.r.p.)
Bluetooth®	2402 – 2480 MHz	9 dBm

Slovensko

Izjava o skladnosti (DoC)

"Panasonic Entertainment & Communication Co., Ltd." v tem dokumentu izjavlja, da je izdelek v skladu z bistvenimi zahtevami in drugimi pomembnimi določbami Direktive 2014/53/EU.

Stranka lahko naloži izvod izvirnega DoC o naših izdelkih RE s strežnika DoC:

<https://www.ptc.panasonic.eu/compliance-documents>

Naslov pooblaščenega predstavnika:

Panasonic Marketing Europe GmbH, Panasonic Testing Centre, Winsbergring 15, 22525 Hamburg, Nemčija

Proizvaja:

Panasonic Entertainment & Communication Co., Ltd.

1-10-12, Yagumohigashi-machi, Moriguchi City, Osaka, Japonska

Vrsta brezžične povezave	Frekvenčni pas	Največja moč (dBm EIRP)
Bluetooth®	2402 – 2480 MHz	9 dBm

Norsk

Samsvarserklæring (DoC)

"Panasonic Entertainment & Communication Co., Ltd." erklærer herved at dette produktet samsvarer med de grunnleggende kravene og andre relevante bestemmelser i direktivet 2014/53/EU.

Kundene kan laste ned en kopi av den originale samsvarserklæringen (DoC) for vårt RE utstyr fra vår DoC server:

<https://www.ptc.panasonic.eu/compliance-documents>

Kontaktinformasjon autorisert representant:

Panasonic Marketing Europe GmbH, Panasonic Testing Centre, Winsbergring 15, 22525 Hamburg, Tyskland

Produsert av:

Panasonic Entertainment & Communication Co., Ltd.

1-10-12, Yagumohigashi-machi, Moriguchi, Osaka, Japan

Type trådløs	Frekvensbånd	Maks. effekt (dBm e.i.r.p.)
Bluetooth®	2402 – 2480 MHz	9 dBm

Български

Декларация за съответствие (DoC)

С настоящото "Panasonic Entertainment & Communication Co., Ltd." декларира, че този продукт е в съответствие с основните изисквания и други съответни разпоредби на Директива 2014/53/EC.

Потребителите могат да свалят копие от оригиналните DoC към нашите продукти от типа RE от сървъра, на който се съхраняват DoC:

<https://www.ptc.panasonic.eu/compliance-documents>

Свържете се с нашия упълномощен представител:

Panasonic Marketing Europe GmbH, Panasonic Testing Centre, Winsbergring 15, 22525 Hamburg, Германия

Производител:

Panasonic Entertainment & Communication Co., Ltd.

1-10-12, Yagumohigashi-machi, Moriguchi City, Osaka, Япония

Вид безжична връзка	Честотна лента	Максимална мощност (dBm e.i.r.p.)
Bluetooth®	2402 – 2480 MHz	9 dBm

Român

Declarație de Conformitate (DoC)

"Panasonic Entertainment & Communication Co., Ltd." declară prin prezenta că acest produs este conform cu cerințele esențiale și alte prevederi relevante ale Directivei 2014/53/UE.

Clienții pot descărca o copie a DoC-ului original al produselor noastre RE de la adresa noastră DoC din Internet:

<https://www.ptc.panasonic.eu/compliance-documents>

Contactați Reprezentantul Autorizat:

Panasonic Marketing Europe GmbH, Panasonic Testing Centre, Winsbergring 15, 22525 Hamburg, Germania

Fabricat de:

Panasonic Entertainment & Communication Co., Ltd.

1-10-12, Yagumohigashi-machi, Moriguchi City, Osaka, Japonia

Tip de wireless	Interval de frecvență	Putere maximă (dBm e.i.r.p.)
Bluetooth®	2402 – 2480 MHz	9 dBm

Hrvatski

Deklaracija o podobnosti (DoC)

Ovime "Panasonic Entertainment & Communication Co., Ltd." izjavljuje da ovaj proizvod udovoljava osnovnim zahtjevima i ostalim relevantnim odredbama Direktive 2014/53/EU.

Kupci mogu preuzeti kopiju originalne DoC za naše RE proizvode s našeg DoC poslužitelja:

<https://www.ptc.panasonic.eu/compliance-documents>

Adresa ovlaštenog predstavništva:

Panasonic Marketing Europe GmbH, Panasonic Testing Centre, Winsbergring 15, 22525 Hamburg, Njemačka

Proizvodi:

Panasonic Entertainment & Communication Co., Ltd.

1-10-12, Yagumohigashi-machi, Moriguchi City, Osaka, Japan

Vrsta bežične mreže	Frekvencijski pojas	Maksimalna snaga (dBm e.i.r.p.)
Bluetooth®	2402 – 2480 MHz	9 dBm

Türkçe

Uygunluk Beyanı (DoC)

"Panasonic Entertainment & Communication Co., Ltd." bu belge ile bu ürünün 2014/53/EU Direkti'nin temel gerekliliklerine ve diğer ilgili hükümlerine uygun olduğunu beyan eder.

Müşterilerimiz RE ürünlerimizle ilgili orijinal DoC belgesinin bir kopyasını DoC sunucumuzdan indirebilir:

<https://www.ptc.panasonic.eu/compliance-documents>

Yetkili Temsilci ile temasa geçin:

Panasonic Marketing Europe GmbH, Panasonic Testing Centre, Winsbergring 15, 22525 Hamburg, Almanya

Tarafından Üretilmiştir:

Panasonic Entertainment & Communication Co., Ltd.

1-10-12, Yagumohigashi-machi, Moriguchi Şehri, Osaka, Japonya

Kablosuz türü	Frekans bandı	Maksimum güç (dBm e.i.r.p.)
Bluetooth®	2402 – 2480 MHz	9 dBm

Disposal of Old Equipment and Batteries

Only for European Union and countries with recycling systems



These symbols on the products, packaging, and/or accompanying documents mean that used electrical and electronic products and batteries must 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.

By disposing of them correctly, you will help to save valuable resources and prevent any potential negative effects on human health and the environment.

For more information about collection and recycling, please contact your local municipality.

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



Note for the battery symbol (bottom symbol):

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.

Manufactured by: Panasonic Entertainment & Communication Co., Ltd.
1-10-12 Yagumo-higashi-machi, Moriguchi City,
Osaka 570-0021, Japan

Importer for UK: Panasonic UK, a branch of
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Maxis 2, Western Road, Bracknell, Berkshire, RG12 1RT

Authorized
Representative in EU: Panasonic Marketing Europe GmbH
Panasonic Testing Centre
Winsbergring 15, 22525 Hamburg, Germany



Panasonic Entertainment & Communication Co., Ltd.
Web Site: <https://www.panasonic.com>

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