

Panasonic®



Model No. : **SC-PMX110**
SC-PMX112

Operating Instructions
CD Micro System

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

Operate using the remote control. You can also use the buttons on the main unit if the functions are identical.

Illustrations may differ from your actual unit.

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

	AC
	DC
	Class II equipment (The construction of the product is double-insulated.)

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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.

Safety precautions

WARNING

Unit

- To reduce the risk of fire, electric shock or product damage,
 - Do not let water or other liquids drip or splash inside the unit.
 - Do not place objects filled with liquids, such as vases, on accessories.
 - Use only the recommended accessories.
 - Do not remove covers.
 - Do not repair this unit by yourself. Refer servicing to qualified service personnel.
 - Do not let metal objects fall inside this unit.

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.
- The mains plug is the disconnecting device. Install this unit so that the mains plug can be unplugged from the socket outlet immediately.
- 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.
- This unit might get warm after prolonged usage. This is normal. Do not be alarmed.

Battery

- 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.
- 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 mix old and new batteries or different types at the same time.
- Remove the batteries if you do not use the remote control for a long period of time. Keep in a cool, dark area.
- 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 expose to low air pressure at high altitudes.
- Do not expose to extremely low air pressure, as this may result in explosions or leakage of flammable liquids and gases.

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 3-ampere fuse is fitted in this plug.

Should the fuse need to be replaced please ensure that the replacement fuse has a rating of 3-ampere and that it is approved by ASTA or BSI to BS1362.

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

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

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

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

Before use

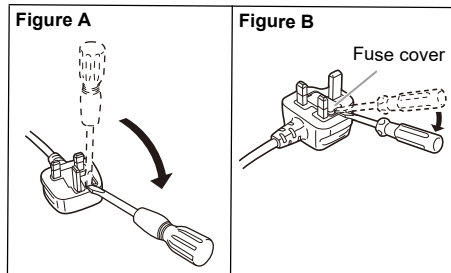
Remove the connector cover.

How to replace the fuse

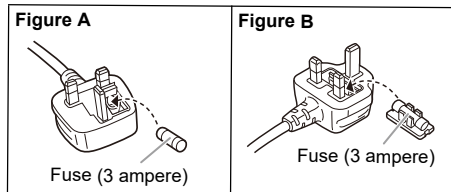
The location of the fuse differ according to the type of AC mains plug (figures A and B). Confirm the AC mains plug fitted and follow the instructions below.

Illustrations may differ from actual AC mains plug.

1. Open the fuse cover with a screwdriver.



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



Supplied accessories

Check and identify the supplied accessories.

- ☐ 1 X AC mains lead
- ☐ 1 X Remote control
- ☐ 2 X Remote control batteries
- ☐ 2 X Speaker cables



- ☐ 1 X FM indoor / DAB antenna



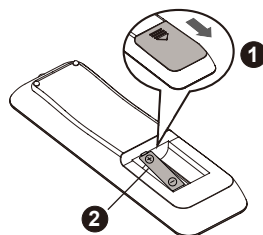
- ☐ 1 X Wi-Fi / Bluetooth® antenna



Maintenance

- To clean the main unit, wipe with a soft, dry cloth.
- To clean the speakers, wipe with a fine-textured and dry cloth such as a microfibre cleaning 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.

Preparing the remote control



R03/LR03, AAA

(Alkaline or manganese batteries)

- Use alkaline or manganese battery.
- Install the batteries 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, within an angle of approximately 30° to the left and right.

Placement of speakers

To prevent damage to the speakers, do not touch the speaker cones if you remove the nets.

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.

Note:

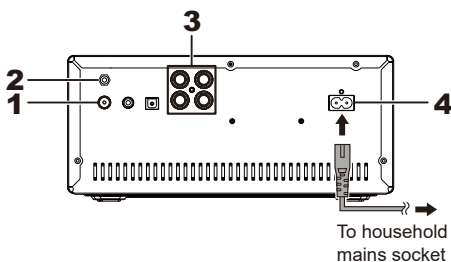
- Keep your speakers more than 10 mm from the main unit for ventilation.
- Put the speakers on a flat safe surface.
- These speakers do not have magnetic shielding. Do not put them near TVs, PCs or other equipment easily influenced by magnetism.
- When you play at high levels for a long period, it can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

Making the connections

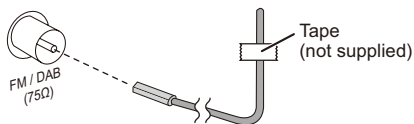
Connect the AC mains lead only after all the other connections have been made.



1 Connect the FM indoor / DAB antenna.

Place the antenna where reception is best.

- Use an FM outdoor antenna (not supplied) if radio reception is poor.

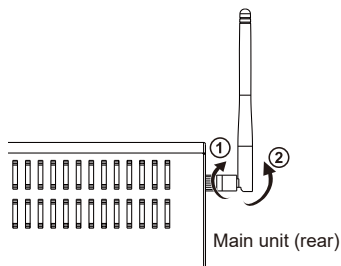


2 Connect Wi-Fi/Bluetooth® antenna

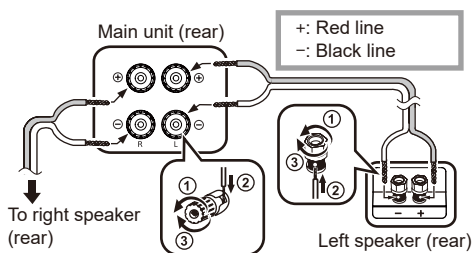
This system has built-in Wi-Fi and can be connected to a wireless router.

Preparation

- Place this system as close to the wireless network router as possible.
- Point the antenna on the rear of the main unit up as shown in the figure.
- Do not perform the following:
 - Tilting the antenna forward or backwards when it is pointing up
 - Applying too much force to the antenna
 - Carrying this unit by holding the antenna



3 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.

- Connect the cable with a red line to the red terminal (+).

4 Connect the AC mains lead.

Do not use an AC mains lead with other equipment.

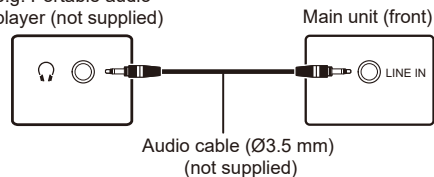
Conserving power

The system consumes a small amount of power 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.

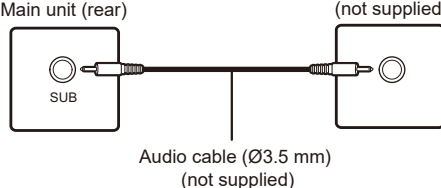
Connection with the LINE IN jack

e.g. Portable audio player (not supplied)



Connection with the SUB jack

Main unit (rear) Subwoofer (not supplied)

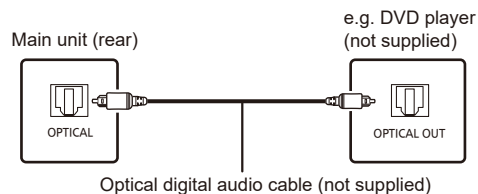


Connecting other equipment

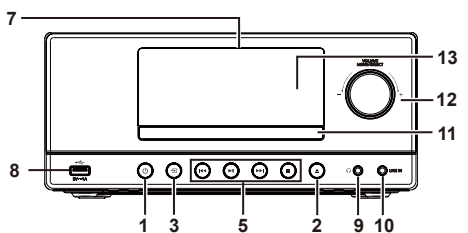
Note:

- Disconnect the AC mains lead before connection.
- Switch off all equipment and read the appropriate operating instructions.
- Components and cables are sold separately.
- If you want to connect equipment other than those described, refer to the audio dealer.
- Sound distortion may occur when you use an adaptor.

Connection with the OPTICAL port



Overview of controls



- 7 Display panel
8 USB port (5 V --- 1 A)

- 9 Headphones jack
10 Line in jack

- 11 Disc tray

12 [VOLUME/MENU/SELECT]

- Adjust the volume level.
- Select and confirm the option.
- Press and hold to view available menu.

- 13 Remote control sensor

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 [↺]/[↻]

Press repeatedly to select repeat or random playback.

[BT]

- Select Bluetooth® as the audio source.(⇒ 13)
- Enter pairing mode or disconnect a Bluetooth® device.(⇒ 13)

[ALARM]

- Set the alarm.(⇒ 16)
- Press to switch the alarm on/off in standby mode.

[▲]

Open or close the disc tray.

- 3 View the audio source options

4 [SCAN]

Auto tuning for FM / DAB stations

[SLEEP]

Set the sleep timer.

[BACK]

Return to the previous menu.

[MENU]

View available menu. Press again to exit.

[◀][▲][▶][▼]

Select the option.

[⏮] / [OK]

- Start or pause playback.
- Confirm the selection.

5 [VOL-] [VOL+]

Adjust the volume level.

Press and hold the button to adjust the volume level continuously. If the volume is set above 13, it will revert to 12 when turning on the unit again.

[EQ]

Select the equaliser effect.

[🔇] Mute

Mute the sound. To cancel, press the button again.

[◀◀] [■] [▶▶]

Basic playback control

- 6 Enter characters and numbers

[PRESET / PROG]

- Preset stations.(⇒ 8, 9, 10, 11)
- Set the programme playback.(⇒ 15)

[INFO / INTRO]

- Press to view available information.
- Set the browse playback.(⇒ 14)

Note:

- Avoid prolonged listening 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.

Getting started

- 1 Extend the antenna.
- 2 Press [⏻] to turn this unit on.

Initial setting

The first time you switch on the unit, you can set the language and start "Setup wizard" to set basic configurations.

- 1 Press [▲] or [▼] to select the desired language then press [OK].
- 2 Press [◀], [▲], [▶], [▼] to select items and options then press [OK] in "Setup wizard" mode. To quit "Setup wizard" mode, press [MENU] repeatedly.

Note:

- The current setting is marked with "*" .
- For the setting details, please refer to "System settings".

Network settings

- 1 Press [⊞] to select a source.
If "Internet Radio", "Podcasts", "Spotify" is selected, the unit starts "Network wizard" scanning automatically, go to "Method 1".
- 2 Press [MENU], press [▲] or [▼] to select "System settings" and then press [OK].
- 3 Press [▲] or [▼] to select "Network" and then press [OK] to enter "Network settings" mode.
- 4 Proceed to "Method 1" or "Method 2" to setup the network.

Method 1: Network wizard

- 1 Press [▲] or [▼] to select "Network wizard" and then press [OK].
The unit starts scanning, then network name (SSID) list is shown.
- 2 Press [▲] or [▼] to select the network name and then press [OK].
 - Select [Rescan] to start scanning again.
- 3 Input the password and then select [OK] to get connected.
"Connected" appears when the connection is established.  will be displayed.

Note:

- "Failed to connect" may be displayed if the connection was not made within the set time limit. Try the setting again, or try other methods.

If the network name is marked with [WPS], indicating your wireless network router supports WPS (Wi-Fi Protected Setup™), select the network and then press [OK]. "WPS Menu" is shown.

■ Using "Push Button" mode

- 1 Select "Push Button" and then press [OK].
- 2 Press the WPS button on the wireless router (which supports the WPS function).
- 3 Press [OK] to apply the settings.
"Connected" appears when the connection is established.

■ Using "PIN" mode

- 1 Select "PIN" and then press [OK].
- 2 Enter the PIN code into the wireless router.
- 3 Press [OK] to apply the settings.
"Connected" appears when the connection is established.

■ Using "Skip WPS" mode

- 1 Select "Skip WPS" and then press [OK].
- 2 Input the password.
- 3 Select [OK] to apply the settings.
"Connected" appears when the connection is established.

Method 2: PBC Wlan setup

If your wireless network router supports WPS Push Button Configuration (PBC), you may select "PBC Wlan setup" to connect the network.

- 1 Select "PBC Wlan setup" and then press [OK].
- 2 Press the WPS button on the wireless router.
- 3 Press [OK] to apply the settings.
"Connected" appears when the connection is established.

Internet radio / Podcasts

This unit supports an audio broadcasting service transmitted via the Internet, and Internet Radio and Podcasts can be played back.

Preparation

- Complete the network settings.(⇒ 7)
 - Make sure that the network is connected to the Internet.
- Registration at www.airable.fm may be required.

1 Press [].

2 Press [], [], [], [] to select “Internet Radio” / “Podcasts” and then press [OK].

- When “Internet radio”/“Podcasts” is selected as the source, this unit will automatically try and connect to the last selected station/episode.
- If no station/episode is selected last time, the Station/Podcast list is shown.

Austria (eg.)	Current location shortcut based on the network IP.
Favourites	The stations/podcasts you have manually favourited at www.airable.fm (go to www.airable.fm/Devices to learn how).
My added Stations (Internet radio)	The radio stations you have added manually by entering their streaming URL at www.airable.fm (go to www.airable.fm/Your content/streams to learn how).
Latest episodes (Podcasts)	The latest episodes of your favourite podcasts at www.airable.fm
Search	To search precisely by inputting station name keywords.
Location	To browse and filter stations by continent, country, city.
Popular (Internet radio)	A trending list generated automatically.
Discover	To find stations precisely by origin, genre, language.

3 Press [] or [] and then press [OK] to select the item and option to select the desired station/episode.

- Press [BACK] to return to previous menu.
- Press [MENU] to enter Internet radio menu.

Note:

- The station that does not broadcast cannot be played back.
- Internet radio and Podcasts may be suspended or become unavailable without prior notice.
- Internet radio may not be played back properly depending on the network condition.

Operations during playback

Stop	Press [] (return to the list)
Pause	Press [] - Press again to resume.
Skip (Podcasts)	Press [] or []
Search (Podcasts)	Press and hold [] or []
Repeat (Podcasts)	Press [] - Repeat all,  is shown.
Shuffle (Podcasts)	Press and hold []  is shown.
View available information	Press [INFO] repeatedly to switch the information

Note:

- All episodes may not be played back randomly. Set the repeat all episodes  and  are shown.
- Setting contents are stored even when the input source is switched.

■ Adding a station/podcast to preset list

You can add a station/podcast to the preset list and call up the station/podcast easily.

1 Press [] or [] to select a station and then press [OK].

2 Press and hold [PRESET].

3 Press [], [] or the numeric buttons to select a preset position and then press [OK].

Repeat step 1 to 3 to preset more stations/podcasts.

■ Calling up the preset station/podcast

1 Press [PRESET]

2 Press [], [] or the numeric buttons to select the station/podcast and then press [OK].

Note:

- During presetting and presetting playback  is shown on the displayed.
- Internet radio and Podcasts share the same preset list.

Spotify Connect

This unit is compatible with Spotify the online music service.

Use your phone, tablet or computer as a remote control for Spotify. Go to spotify.com/connect to learn how.

Preparation

- Complete the network settings.(⇒ 7)
 - Make sure that the network is connected to the Internet.
- Connect the device to be used to the network of this unit.
- Install the latest “Spotify” app on your device (smartphone, tablet, etc.).

Note:

- The device name of this unit will be displayed as “SC-PMX110”/“SC-PMX112”.
- Registration / subscription is required.
- Services, icons, and specifications are subject to change.

- 1 Press [].
- 2 Press [], [], [], [] to select “Spotify” and then press [OK].
- 3 Start “Spotify” app on your device and touch the connection icon.
- 4 Select the unit name “SC-PMX110”/“SC-PMX112”. “SC-PMX110”/“SC-PMX112” appears on your device playback interface. Connection is completed.

Operations during playback

Pause	Press [] - Press again to resume.
Skip	Press [] or []
Repeat	Press [] - Repeat all,  is shown.
Shuffle	Press and hold []  is shown.
View available information	Press [INFO] repeatedly to switch the information

Note:

- All tracks may not be played back randomly. Set the repeat all tracks.  and  are shown.
- Setting contents are stored even when the input source is switched.

■ Adding a track/album/artist, etc. to preset list

You can add a track/album/artist, etc. to favorite list and call up the content easily.

- 1 Press [] or [] to select a content.
- 2 Press and hold [PRESET].
- 3 Press [], [] or the numeric buttons to select a preset position and then press [OK].
Repeat step 1 to 3 to preset more contents.

■ Calling up the preset station

- 1 Press [PRESET].
- 2 Press [], [] or the numeric buttons to select the content and then press [OK].

Note:

- During presetting and presetting playback  is shown on the displayed.

DAB/DAB+

To listen to DAB/DAB+ broadcasts, the available stations need to be stored in this unit.

- 1 Press [⏻].
- 2 Press [◀], [▲], [▶], [▼] to select "DAB Radio" and then press [OK].

- If you select the "DAB Radio" for the first time, the system will start auto scan procedure and store the stations available in your region if the "station list" is empty.

Note:

- If no station is detected, "No stations found" is shown. Adjust the antenna and try again.

DAB auto scan

- 1 Press [Scan] button or press [MENU] to select [Scan] and then press [OK].
- 2 Auto scan starts.

DAB manual tuning

- 1 Press [MENU].
- 2 Press [▲] or [▼] to select [Manual tune].
- 3 Press [▲] or [▼] to select a frequency block to scan and then press [OK].

Listening to the stored DAB/DAB+ stations

- 1 Press [MENU].
- 2 Press [▲] or [▼] to select [Station list] and then press [OK].
- 3 Press [▲] or [▼] to select the station and then press [OK].

Presetting DAB/DAB+ stations

You can preset up to 30 DAB stations.

- 1 Press [▲] or [▼] to select a station.
- 2 Press and hold [PRESET].
- 3 Press [▲], [▼] or the numeric buttons to select a preset position and then press [OK]. Repeat step 1 to 3 to preset more stations.

Calling up a preset station

- 1 Press [PRESET].
- 2 Press [◀◀], [▶▶] or the numeric buttons to select the station and then press [OK].

Note:

- During presetting and presetting playback  is shown on the displayed.
- The station occupying a channel is erased if another station is preset in that channel.

Clearing invalid stations

- 1 Press [MENU].
- 2 Press [▲] or [▼] to select [Delete] and then press [OK].
- 3 Press [▲] or [▼] to select the desired option and then press [OK].

DRC setting

DRC (Dynamic Range Control) settings help to achieve a comfortable listening experience even in complex and variable listening environments.

- 1 Press [MENU].
- 2 Press [▲] or [▼] to select [DRC] and then press [OK].
- 3 Press [▲] or [▼] to select the desired option and then press [OK].

View available information

Press [INFO] repeatedly to switch the information.

FM radio

Make sure that the antenna is connected.
You can preset up to 30 FM channels.

- 1 Press [F].
- 2 Press [◀], [▲], [▶], [▼] to select “FM Radio” and then press [OK].

Auto tuning and presetting

- 1 Press [MENU].
- 2 Press [▲] or [▼] to select [Auto presetting].
- 3 Press [◀] or [▶] to select “Yes” and then press [OK].

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

Manual tuning and presetting

- 1 Press [◀], [◀◀] or [▶▶], [▶] repeatedly to tune to the required station.

To tune automatically, press and hold the button until the frequency starts changing quickly.
- 2 Press and hold [PRESET].
- 3 Press [▲], [▼] or the numeric buttons to select a preset position and then press [OK].

Repeat step 1 to 3 to preset more stations.

Calling up a preset station

- 1 Press [PRESET].
- 2 Press [▲] or [▼] to select the station and then press [OK].

You can also select the preset station by pressing [◀], [◀◀] or [▶▶], [▶].

Note:

- During presetting and presetting playback  is shown on the displayed.
- The station occupying a channel is erased if another station is preset in that channel.

Scan setting

- 1 Press [MENU].
- 2 Press [▲] or [▼] to select [Scan setting] and then press [OK].
- 3 Press [◀] or [▶] to select required option.

[YES]: Search for stations with strong signal.
[NO]: Search for both strong-signal and weak-signal radio stations.

Audio setting

- 1 Press [MENU].
- 2 Press [▲] or [▼] to select [Audio setting] then press [OK].
- 3 Press [◀] or [▶] to select required option.

You may set “YES” to listen in Mono mode if noise is excessive during FM reception.

Note:

-  is displayed when this unit tunes to a stereo broadcast.

RDS broadcasting

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

Press [INFO].

Note:

- RDS is available only when stereo works in reception.
- RDS may not be available if reception is poor.

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 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 the 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 the Bluetooth SIG, Inc. and any use of such marks by Panasonic Corporation is under license. Other trademarks and trade names are those of their respective owners.

Bluetooth® operation

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

Preparation

- Switch on the 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 Bluetooth® device

If this system is connected to a Bluetooth® device, disconnect it.

1 Press [≡] or [BT], select “Bluetooth Audio”.

If  is flashing on the display, go to step 3.

2 Press and hold [BT] or press [MENU] to select [Setup Bluetooth] and then press [OK].

 is flashing on the display.

3 Select “SC-PMX110”/“SC-PMX112” from the Bluetooth® device’s Bluetooth® menu.

4 Start playback on the Bluetooth® device.

Connecting a paired Bluetooth® device

1 Press [≡] or [BT], select “Bluetooth Audio”.

 is flashing on the display.

2 Select “SC-PMX110”/“SC-PMX112” from the Bluetooth® device’s Bluetooth® menu.

3 Start playback on the Bluetooth® device.

Note:

- A device must be paired to connect.
- This system can only be connected 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.
- After connection, when the device starts playback, the unit will switch to Bluetooth® mode from other audio sources.
- If prompted for the passkey, input “0000”.

Disconnecting a Bluetooth® device

Press and hold [BT] or press [MENU] to select [Setup Bluetooth] and then press [OK].

 is flashing on the display.

Note:

- A device is disconnected when you:
 - Select a different source.
 - Move the device out of the maximum range.
 - Switch off the system or the device.

Bluetooth® standby

When “SC-PMX110”/“SC-PMX112” is selected from a paired Bluetooth® device’s Bluetooth® menu and the device starts playback, this unit will turn on automatically from standby mode and enter “Bluetooth Audio” source.

View details

You can view details of Bluetooth® status, connected devices, etc.

1 Press [MENU].

2 Press [▲] or [▼] to select [View details] and then press [OK].

Preparing media

Disc

- 1 Press [▲] to open the disc tray.**
Put in a disc with the label facing up.
Press again to close the disc tray.

- 2 Press [⏮], select “CD”.**

Note:

- This system can play back discs that conform to the CD-DA format.
- Disc must conform to ISO9660 level 2 (except for extended formats).
- Supported file formats and extensions: MP3 (“.mp3”)
- Some CD-R/RW cannot be played because of the condition of the recording.
- MP3 files are defined as tracks and folders are defined as albums.
- This system can access up to:
 - 998 albums (including root folder)
 - Maximum depth of file system tree is 8 directory levels.
 - 999 tracks
- Recordings will not necessarily be played in the order you recorded them.

USB

Preparation

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

- 1 Connect the USB device to the USB port.**
- 2 Press [⏮], select “USB”.**

Note:

- This unit does not guarantee connection with all USB devices.
- FAT32 file system are supported.
- This unit supports USB 2.0 Full Speed.
- This unit can support USB devices of up to 32 GB.
- Supported file formats and extensions: MP3 (“.mp3”)
- Files are defined as tracks and folders are defined as albums.
- This system can access up to:
 - 998 albums (including root folder)
 - Maximum depth of file system tree is 8 directory levels.
 - 4000 tracks
- Do not use a USB extension cable. The system cannot recognise a USB device connected through a cable.

Media playback

The following marks indicate the availability of the feature.

- CD**: CD audio in CD-DA format and a CD that contains MP3 files
- USB**: USB devices containing MP3 files
- BLUETOOTH**: Bluetooth® device

Preparation

- Switch on the unit.
- Insert the media or connect the Bluetooth® device.
- Press [⏮] to select the audio source.

Operations during playback

CD USB BLUETOOTH	
Play	Press [▶]
Stop	CD USB Press [■]
Pause	Press [⏮] - Press again to resume.
Skip	Press [⏮] or [▶] to skip track. CD (MP3), USB Press [▲] or [▼] to skip folder.
Search	CD USB During play or pause Press and hold [⏮] or [▶]
View available information	Press [INFO] repeatedly to switch the information.

Note:

The CD/USB playback can be resumed from the last interrupted position once switching to the audio source again.

■ Browse playback **CD USB**

Each track is played back for 10 seconds. After all tracks are completed the unit will stop playback.

- 1 Press [▶] to start playback.**
- 2 Press and hold [INTRO].**
Press and hold [INTRO] again to cancel.

Repeat playback **CD** **USB**

- 1 Press **[MENU]** and then select **[Repeat]**.
- 2 Press **[▲]** or **[▼]** to select settings and then press **[OK]**.
- 3 Press **[MENU]** to return.

Off	Select to cancel repeat playback.
Repeat one	Repeat the selected track.  is shown.
Repeat folder	CD (MP3), USB Repeat the selected folder.  is shown.
Repeat all	Repeat all tracks.  is shown.

Shuffle playback **CD** **USB**

- 1 Press **[MENU]** and then select **[Shuffle]**.
- 2 Press **[▲]** or **[▼]** to select “On” and then press **[OK]**.
- 3 Press **[MENU]** to return.
 is shown on the display. All tracks are played back randomly.

Note:

- During shuffle playback, you cannot skip to tracks which have been played.

Programme playback **CD** **USB**

- Programming function are only available in stop playback mode.
- During programme setting and programme playback  is shown on the displayed.

CD (CD-DA)

This function allows you to programme up to 20 tracks.

- 1 Press **[PROG]**.
- 2 Press **[◀]** or **[▶]** to select the desired track.
- 3 Press **[PROG]** to set the next programmed track.
Repeat step 2 to step 3 to programme other tracks.
- 4 Press **[▶||]** to start playback.

CD (MP3), **USB**

This function allows you to programme up to 99 tracks.

- 1 Press **[PROG]**.
- 2 Press **[▲]** or **[▼]** to select the desired folder.
- 3 Press **[◀]** or **[▶]** to select the desired track.
- 4 Press **[PROG]** to set the next programmed track.
Repeat step 2 to step 4 to programme other tracks.
- 5 Press **[▶||]** to start playback.

To cancel programme playback

Press **[■]** again in stop mode.

 disappears from the display.

Note:

- Programme playback does not support repeat playback and shuffle playback.

External equipment

Preparation

- Disconnect the AC mains lead.
- Switch off all equipment and read the appropriate operating instructions.

Using the optical input

You can connect a TV, VCR, DVD player etc., and listen to the audio through this system.

Preparation

Connect the external equipment (⇒ 5).

- 1 Press **[≡]**, select “Optical in”.
- 2 Play the external equipment.

Using the auxiliary input

You can connect a portable audio player, etc. with an analogue audio cable (not supplied) and play back music.

Preparation

Connect the external equipment (⇒ 5).

- 1 Press **[≡]**, select “Line in”.
- 2 Play the external equipment.

Setting alarm

You can set two alarms.

Preparation

- Set the clock.
- Prepare the source you want to listen to.

- 1 Press **[ALARM]**.
- 2 Press **[▲]** or **[▼]** to select the alarm and then press **[OK]**.
- 3 Press **[▲]** or **[▼]** and then press **[OK]** to select the items and options.
- 4 Press **[▲]** or **[▼]** to select "Save" to complete setting.

Enable	Set the alarm timer repeat cycle.
Time	Set the wake-up time.
Date	Set the time for the repeat cycle "Once" . - This item appears only when "Once" is selected as the repeat cycle.
Mode	Set the alarm audio source.
Preset	Select the last station you tuned in to or the preset station as the audio source. - This item is not shown when "Buzzer", "CD", "USB" is set as source.
Duration	Set audio source playback time.
Volume	Set the alarm volume. - The alarm starts at a low volume and gradually increases to the preset level.
Save	Save the alarm settings.

Note:

- The alarm icon is shown after setting. During the alarm wake-up, the current alarm icon flashes.
- If the audio source is not available it will automatically switch to "Buzzer".

Stop the alarm

Press **[ALARM]** or **[⏏]** to turn off the alarm.

"Alarm Off" is shown briefly.

Snooze function

During the alarm wake-up press **[OK]** repeatedly to select the snooze interval to put the alarm into snooze mode.

The current alarm icon is flashing and the timer starts countdown.

To cancel, press **[ALARM]** or **[⏏]**.

The current alarm icon and countdown timer disappear.

Setting sleep timer

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

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

 and the remaining time is shown on the display after you set the timer.

To cancel, select "Sleep OFF".

 disappears from the display.

System settings

To view the System menu

When in any source mode

- 1 Press [MENU].
- 2 Press [▲] or [▼] to select “System settings” and then press [OK].

To navigate around the menu

Press [▲] or [▼] to select an item or option. Press [OK] to confirm. Press [BACK] to return to the previous menu.

Equaliser	You can select the equaliser mode (Powerful, Clear, Bright, Warm, Balanced).
Network	• Network wizard: Scanning available networks and then setup connection. • PBC Wlan setup: Setting the network connection by WPS Push Button Configuration (PBC) • View settings: network setting information • Network profile: Network configuration information. • Clear network settings: Yes, No Select “Yes” to clear network settings. • Keep network connected: Yes, No Select “Yes” to set the unit to connect with the network in standby mode.
Time/Date	Set the time/date, auto update source, 12/24 hour format, timezone and daylight saving time.
Language	You can change the language for the display panel.

Factory reset	Yes, No Select “Yes” to reset the unit to factory default setting.
Setup wizard	Enter the basic configuration setting mode.
Information	View software version, Spotify version, Radio ID, unit name.
Backlight	• Time out:The backlight switches to the dimmer mode after the setting seconds of inactivity. On:The backlight is always on. • On level:Set the brightness of the backlight. • Dim level:Set the brightness of the dimmer mode or switch off the dimmer mode.

Others

Auto off function

The unit will automatically turn to standby mode if there is no sound and it is not being used for approximately 15 minutes.

Note:

- This function does not work when you are in FM source.

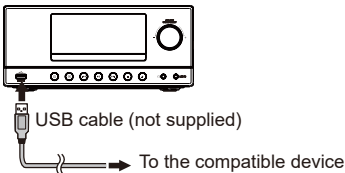
Charging a device

Charging starts when a device (rated value: 5 V/1 A) is connected to the USB port of this unit.

Preparation

Switch on the unit.

Connect a device.



Note:

- A cable compatible with your device is required. Use the cable that comes with your device.
- Even if you connect a cable compatible with the USB port of this unit, your device may not be charged. In that case, use the charger that comes with the device.
- Do not connect a device with a rated value higher than 5 V/1 A to this unit.
- To check if charging is complete, look at the screen of the connected device, etc.
- Once fully charged, remove the USB cable from the USB port.

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.

Do you have the latest software installed?

Panasonic is constantly improving the system's software to ensure that our customers are enjoying the latest technology.

Common problems

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, 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.

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.

Radio

Reception is poor or a beat sound is heard.

- Keep the antenna away from computers, TVs, other cables and cords.
- Use an outdoor antenna.
- Switch off the TV or move it away from the system.

USB

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

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

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.

Bluetooth®

Pairing cannot be done.

- Check the Bluetooth® device condition.

The device cannot be connected.

- The pairing of the device was unsuccessful or the registration has been replaced. Try pairing the device again.
- This system might be connected to a different device. Disconnect the other device and try pairing the device again.

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

- For some built-in Bluetooth® devices, you have to set the audio output to "SC-PMX110"/"SC-PMX112" manually. Read the operating instructions for the device for details.

The sound is interrupted.

- The device is out of the 10 m communication range. Bring the Bluetooth® device closer to this system.
- Remove any obstacle between this system and the device.
- Other devices that use the 2.4 GHz frequency band (wireless router, microwaves, cordless phones, etc.) are interfering. Bring the Bluetooth® device closer to this system and distance it from the other devices.

Network

Cannot connect to the network.

- Confirm the network connection and settings.
- If the network is set to be invisible, make the network visible while you set up the network for this unit.
- Depending on the routers, WPS button may not work. Try other methods.

Cannot select this system as the output speakers.

- Make sure that the devices are connected to the same network as this system.
- Reconnect the devices to the network.
- Turn off and then on the wireless router.

Playback does not start.

The sound is interrupted.

- Adjust the orientation of the wireless antenna on the rear of the main unit.
- Do not place this system inside a metal cabinet, for it might block the Wi-Fi signal.
- Place this system closer to the wireless router.
- If several wireless devices are simultaneously using the same wireless network as this system, try turning off the other devices or reducing their wireless network usage.
- Turn the wireless router off and then on.

Specifications

General

Power supply	AC 110 V to 240 V, 50/60 Hz
Power consumption	30 W
Dimensions	
Main unit (W x H x D)	260 mm × 117 mm × 256 mm
Speaker (W x H x D)	172 mm × 265 mm × 230 mm
Mass	
Main unit	Approx. 2.1 kg
Speaker	Approx. 2.9 kg x 2
Operating temperature range	0°C to +40°C
Operating humidity range	45% to 75% RH (no condensation)

Power consumption in standby mode (approximate)

With "Keep network connected" set to "YES"	< 2 W
With "Keep network connected" set to "NO"	< 0.8 W

Amplifier section

RMS output power:	
Front ch (both ch driven)	75 W per channel (4Ω), 1kHz, 30%THD
Total RMS power	150 W

FM section

Preset memory	30 stations
FM Frequency range	87.50 MHz to 108.00 MHz (50 kHz step)
Antenna terminals	75 Ω (unbalanced)

DAB section

DAB memory	30 stations
Frequency band (wavelength)	
Band III	5A to 13F (174.928 -239.200 MHz)
Sensitivity *BER 4x10⁻⁴	
Min requirement	-100 dBm
Antenna terminals	75 Ω (unbalanced)

Disc section

Disc played (8 cm or 12 cm)	CD, CD-R/RW (CD-DA, MP3)
Pick up	
Wavelength	790 nm (CD)
Laser power	CLASS 1

Terminals section

USB port	
USB standard	USB 2.0 full-speed
Media file format support	MP3 (*.mp3)
Maximum number of Folders / Files	998/4000
Supported USB capacity	32 GB
USB device file system	FAT32
USB port power	DC OUT 5 V, 1.0 A (Max.)
Headphones jack	Stereo, Ø 3.5 mm jack
LINE IN	
Terminal	Stereo, Ø 3.5 mm jack
SUB	
Terminal	Stereo, Ø 3.5 mm jack
Digital audio input	Optical terminal

Bluetooth® section

Version	Bluetooth® Ver. 5.2
Class	Class 1
Supported profiles	A2DP, AVRCP
Frequency band	2.402 GHz to 2.480 GHz
Operating frequency	2.402 GHz to 2.480 GHz
Operation distance	10 m line of sight
Maximum RF power	6.5 dBm
Supported codec	SBC

Speaker section

Speaker unit(s)	
Tweeter	2.54 cm cone type x 2
Woofer	12.8 cm cone type x 2

Wi-Fi section

Standard	IEEE 802.11 a/b/g/n (Dual band)
Frequency range	2.4 GHz & 5 GHz
Security	WEP, WPA, WPA2
WPS version	WPS 2.0

Audio Support format

MP3	
Sampling frequency	32 k, 44.1 k, 48 k(Hz)

Note:

- Specifications are subject to change without notice.
- Mass and dimensions are approximate.

Product conformity information for customers in the UK

Declaration of Conformity (DoC)
Hereby, "Panasonic Corporation" 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 for our RE products from our DoC server:
<https://www.ptc.panasonic.eu/compliance-documents>
Importer for UK:
Panasonic UK, a branch of Panasonic Marketing Europe GmbH,
Maxis 2, Western Road, Bracknell, Berkshire, RG12 1RT

Type of wireless	Frequency band	Maximum power (dBm E.I.R.P.)
Bluetooth®	2402 - 2480 MHz	Max. 6.5 dBm
WLAN	2402 - 2483.5 MHz 5150 - 5875 MHz	Max. 20 dBm Max. 20 dBm

Confirmation of Compliance with UK Regulations

This product complies with UK relevant Regulations and Standards (being those relevant for England, Wales and Scotland).
< Importer for UK>
Panasonic UK, a branch of Panasonic Marketing Europe GmbH, Maxis 2, Western Road, Bracknell, Berkshire, RG12 1RT

Contact in the UK:

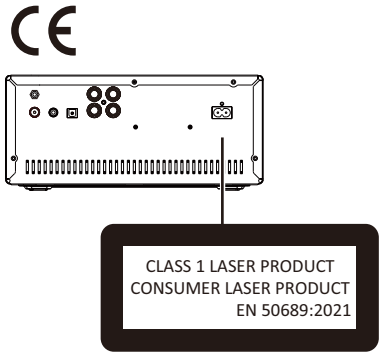
Panasonic Testing Centre on behalf of Panasonic UK, a branch of Panasonic Marketing Europe GmbH (Importer),
Maxis 2, Western Road, Bracknell, Berkshire, RG12 1RT



Specifications are subject to change without notice.
Manufactured by: Panasonic Marketing Europe GmbH
Hagenauer Strasse 43, 65203 Wiesbaden, Germany
Authorized Representative in EU: Panasonic Marketing Europe GmbH, Panasonic Testing Centre,
Winsbergring 15, 22525 Hamburg, Germany

5.15 – 5.35 GHz band is restricted to indoor operations only in the UK.
5.15 – 5.35 GHz band is restricted to indoor operations only in the following countries.

AT	BE	BG	CZ	DK	EE	FR	DE	IS	IE	IT	EL	ES	CY	LV	LI	LT	LU
HU	MT	NL	NO	PL	PT	RO	SI	SK	TR	FI	SE	CH	HR	UK(NI)	RS		



**English****Declaration of Conformity (DoC)**

Hereby, "Panasonic Corporation" 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 for our RE products from our DoC server:

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

Importer for EU:

Panasonic Marketing Europe GmbH, Hagenauer Strasse 43, 65203 Wiesbaden, Germany

Authorized Representative in EU:

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Type of wireless	Frequency band	Maximum power (dBm E.I.R.P.)
Bluetooth®	2402 - 2480 MHz	Max. 6.5 dBm
WLAN	2402 - 2483.5 MHz 5150 - 5875 MHz	Max. 20 dBm Max. 20 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.

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