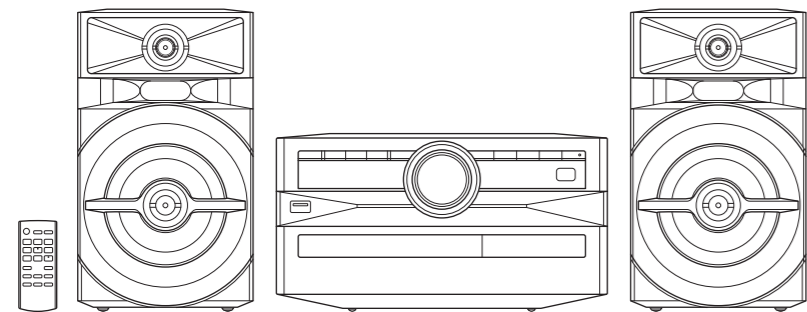


Panasonic®

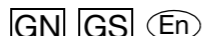
Operating Instructions CD Stereo System

Model No. **SC-UX100**



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

Panasonic Corporation
Web Site: <http://www.panasonic.com>

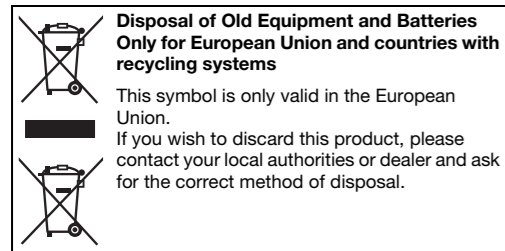
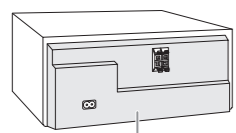


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Your system and the illustrations can look differently.
These operating instructions are applicable to the following system.

System	SC-UX100
Main unit	SA-UX100
Speakers	SB-UX100



Maintenance

To clean this system, wipe with a soft, dry cloth.
• Never use alcohol, paint thinner or benzine to clean this system.
• Before using chemically treated cloth, read the instructions that came with the cloth carefully.

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 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.
 - For Asia and the Middle East**
This unit is intended for use in tropical climates.
 - For others**
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.

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.

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.

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.

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

About Bluetooth®

Panasonic bears no responsibility for data and/or information that can possibly be 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:

- 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 Corporation is under license. Other trademarks and trade names are those of their respective owners.

Google Play and Android are trademarks of Google Inc.
MPEG Layer-3 audio coding technology licensed from Fraunhofer IIS and Thomson.

Note on AC mains lead

(For the AC mains plug of three pins)

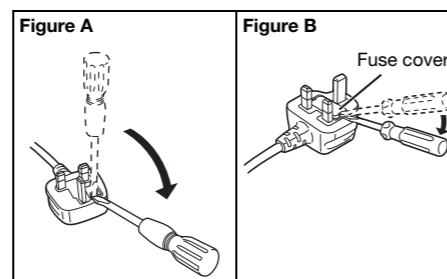
Before use

Remove the connector cover.

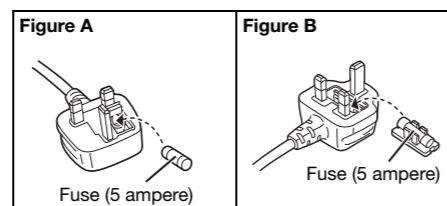
How to replace the fuse

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.

- Open the fuse cover with a screwdriver.



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



Supplied accessories

Check and identify the supplied accessories.

For Australia and New Zealand

1 AC mains lead

Except for Australia and New Zealand

3 AC mains leads

For Some Models

1 FM indoor antenna

1 Remote control (N2QAYB001019)

1 Remote control battery

Note:

Use the AC mains lead that is suitable for your household mains socket.

Specifications

Amplifier section

RMS output power stereo mode

Front Ch (both ch driven) 150 W per channel (4 Ω), 1 kHz, 30% THD
Total RMS stereo mode power 300 W
PMPO output power 3300 W

Tuner, terminals section

Frequency modulation (FM)

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

Analog audio input

Audio input Pin jack (1 system)

Disc section

Disc played (8 cm or 12 cm)

CD, CD-R/RW (CD-DA, MP3*)

* MPEG-1 Layer 3

Pick up

Wavelength 790 nm (CD)

USB section

USB port

USB standard USB 2.0 full speed
Media file format support MP3 (*.mp3)
USB device file system FAT12, FAT16, FAT32

Bluetooth® section

Version Bluetooth® Ver. 2.1 + EDR

Class Class 2

Supported profiles A2DP, AVRCP, SPP

Operating frequency 2.4 GHz band FH-SS

Operation distance 10 m line of sight

Speaker section

Speaker unit(s)

Woofer 13 cm cone type x 1 per channel
Tweeter 5 cm cone type x 1 per channel

Impedance 4 Ω

Dimensions (W x H x D) 181 mm x 308 mm x 165 mm

Mass 2 kg

General

Power supply

For Australia and New Zealand AC 220 V to 240 V, 50 Hz
For others AC 220 V to 240 V, 50/60 Hz

Power consumption 49 W

Dimensions (W x H x D) 250 mm x 132 mm x 227 mm

Mass (SA-UX100) 1.7 kg

Operating temperature range 0°C to +40°C

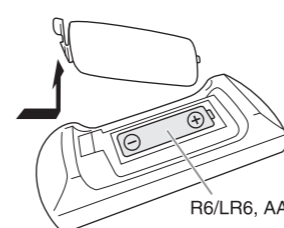
Operating humidity range 35% to 80% RH (no condensation)

Power consumption in standby mode (approximate) 0.5 W

Power consumption in standby mode (approximate) (With "BLUETOOTH STANDBY" set to "ON") 0.6 W

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

Preparing the remote control



Use alkaline or manganese battery.

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

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:

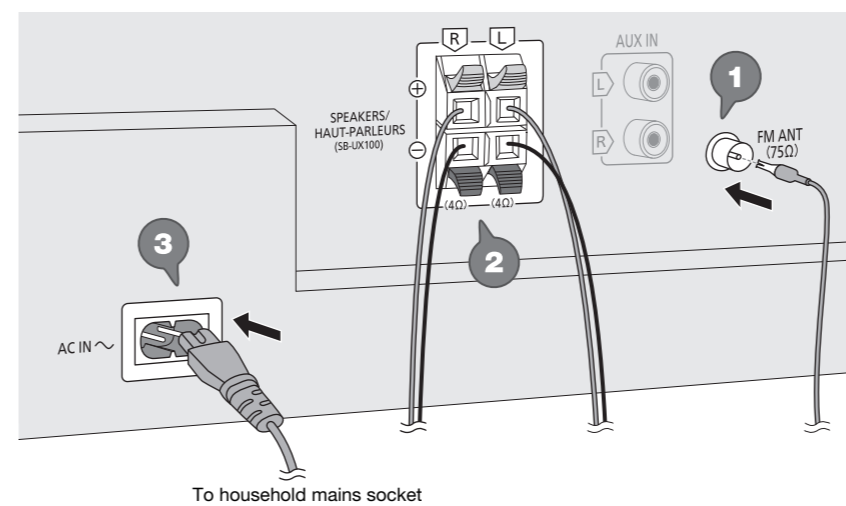
- Keep your speakers more than 10 mm from the main unit for ventilation.
- Put the speakers on a flat safe surface.
- These speakers do not have magnetic shielding. Do not put them near TVs, PCs or other equipment easily influenced by magnetism.
- When you play at high levels for a long period, it can 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.
- Do the procedures included in these instructions when you attach the speakers.
- Do not touch the speaker cone's reverberating surfaces:
 - This may damage the speaker cone.
 - The speaker cone may be hot.

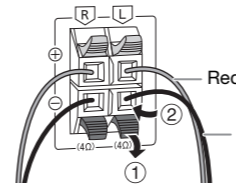
Making the connections

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



To household mains socket

- Connect the FM indoor antenna. Put the antenna where reception is best.
- Connect the speakers. Connect the speaker cables to the terminals of the same colour.



Red

Black

- Connect the AC mains lead. Do not use any other AC mains leads except the supplied one. Be careful not to cross (short-circuit) or reverse the polarity of the speaker wires as doing so may damage the speakers.



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

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.

Limited Warranty (Australia)

Panasonic Warranty

- The product is warranted for 12 months from the date of purchase. Subject to the conditions of this warranty Panasonic or its Authorised Service Centre will perform necessary service on the product without charge for parts or labour, if in the opinion of Panasonic, the product is found to be faulty within the warranty period.
- This warranty only applies to Panasonic products purchased in Australia and sold by Panasonic Australia or its Authorised Distributors or Dealers and only where the products are used and serviced within Australia or its territories. Warranty cover only applies to service carried out by a Panasonic Authorised Service Centre and only if valid proof of purchase is presented when warranty service is requested.
- This warranty only applies if the product has been installed and used in accordance with the manufacturer's recommendations (as noted in the operating instructions) under normal use and reasonable care (in the opinion of Panasonic). The warranty covers normal domestic use only and does not cover damage, malfunction or failure resulting from use of incorrect voltages, incorrect installation, accident, misuse, neglect, build-up of dirt or dust, abuse, maladjustment of customer controls, mains supply problems, thunderstorm activity, infestation by insects or vermin, tampering or repair by unauthorised persons (including unauthorised alterations), introduction of sand, humidity or liquids, commercial use such as hotel, office, restaurant, or other business or rental use of the product, exposure to abnormally corrosive conditions or any foreign object or matter having entered the product.
- This warranty does not cover the following items unless the fault or defect existed at the time of purchase:

(a) Cabinet Part(s)	(e) DVD, Blu-ray or Recordable Discs
(b) Video or Audio Tapes	(f) Video / Audio Heads from wear and tear in normal use
(c) SD cards or USB devices	(g) Information stored on Hard Disk Drive, USB stick or SD card
(d) User replaceable Batteries	(h) DTV reception issues caused by TV Aerial / Cabling / Wall socket(s) etc
- Some products may be supplied with Ethernet connection hardware. The warranty is limited on such products and will not cover:

(a) Internet and or DLNA connection / setup related problems
(b) Access fees and or charges incurred for internet connection
(c) The use of incompatible software or software not specifically stipulated in the product operations manual; and
(d) Any indirect or consequential costs associated with the incorrect use or misuse of the hardware, its connection to the internet or any other device.
- To claim warranty service, when required, you should:
 - Telephone Panasonic's Customer Care Centre on 132600 or visit our website referred to below and use the Service Centre Locator for the name / address of the nearest Authorised Service Centre.
 - Send or take the product to a Panasonic Authorised Service Centre together with your proof of purchase receipt as a proof of purchase date. Please note that freight and insurance to and / or from your nearest Authorised Service Centre must be arranged by you.
 - Note that home or pick-up / delivery service is available for the following products in the major metropolitan areas of Australia or the normal operating areas of the nearest Authorised Service Centres:
 - Plasma / LCD televisions / displays (screen size greater than 103 cm)

The warranties hereby conferred do not extend to, and exclude, any costs associated with the installation, de-installation or re-installation of a product, including costs related to the mounting, de-mounting or remounting of any screen, (and any other ancillary activities), delivery, handling, freight, transportation or insurance of the product or any part thereof or replacement of and do not extend to, and exclude, any damage or loss occurring by reason of, during, associated with, or related to such installation, de-installation, re-installation or transit.

Panasonic Authorised Service Centres are located in major metropolitan areas and most regional centres of Australia, however, coverage will vary dependant on product. For advice on exact Authorised Service Centre locations for your product, please telephone our Customer Care Centre on 132600 or visit our website and use the Service Centre Locator.

In addition to your rights under this warranty, Panasonic products come with consumer guarantees that cannot be excluded under the Australian Consumer Law. If there is a major failure with the product, you can reject the product and elect to have a refund or to have the product replaced or if you wish you may elect to keep the goods and be compensated for the drop in value of the goods. You are also entitled to have the product repaired or replaced if the product fails to be of acceptable quality and the failure does not amount to a major failure.

If there is a major failure in regard to the product which cannot be remedied then you must notify us within a reasonable period by contacting the Panasonic Customer Care Centre. If the failure in the product is not a major failure then Panasonic may choose to repair or replace the product and will do so in a reasonable period of time from receiving notice from you.

THIS WARRANTY CARD AND THE PURCHASE DOCKET (OR SIMILAR PROOF OF PURCHASE) SHOULD BE RETAINED BY THE CUSTOMER AT ALL TIMES

If you require assistance regarding warranty conditions or any other enquiries, please visit the **Panasonic Australia** website www.panasonic.com.au or contact by phone on 132 600 if phoning in, please ensure you have your operating instructions available.

Panasonic Australia Pty. Limited

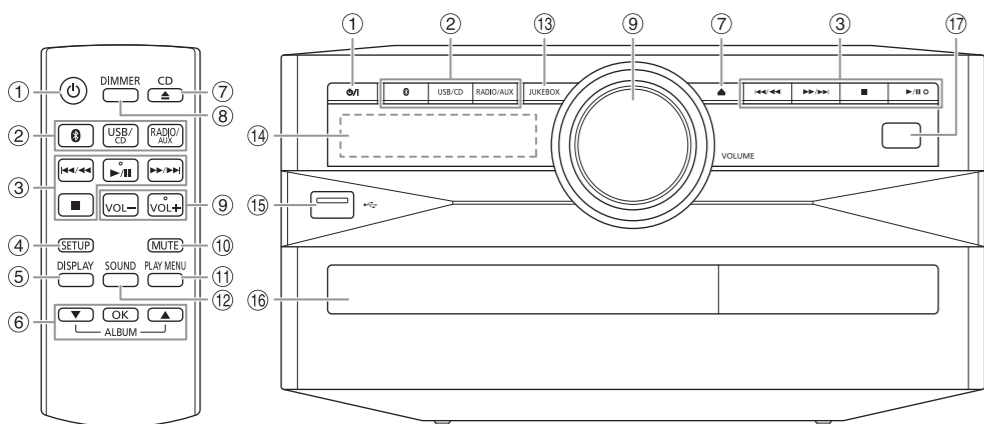
ACN 001 592 187 ABN 63 021 592 187
1 Innovation Road, Macquarie Park, NSW 2113

PRO-001-F11 Issue: 4.0

01-01-2011

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** [0], [0/1]
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:
To start Bluetooth® pairing, press and hold [0].
- 3 Basic playback control
- 4 View the setup menu
- 5 View the content information
- 6 Select or confirm the option
- 7 Open or close the disc tray
- 8 **Decrease the brightness of the display panel**
The illumination is also switched off.
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 Select the jukebox
- 14 Display panel
- 15 USB port (+/-)
- 16 Disc tray
- 17 **Remote control sensor**
Distance: Within approximately 7 m
Angle: Approximately 20° up and down, 30° left and right

Preparing media

Disc

- Press [CD] (main unit: [A]) to open the disc tray.
Put in a disc with the label facing up.
Press again to close the disc tray.
- Press [USB/CD] to select "CD".

USB

Preparation

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

- Decrease the volume and connect the USB device to the USB port.
Hold the main unit when connecting or disconnecting the USB device.
- Press [USB/CD] to select "USB".

Note:

- Do not use a USB extension cable. The system cannot recognise USB device connected through a cable.
- For small USB devices, you may want to attach a lanyard or a cord to the strap hole of the device so that it can be unplugged easily.

Bluetooth®

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

Preparation

- 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 (→ "Disconnecting a device").

- Press [0].
If "PAIRING" is shown, continue with step 3.
- Press [PLAY MENU] to select "PAIRING" and then press [OK].
- Select "SC-UX100" 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.

Using the main unit

- Press and hold [0] until "PAIRING" is shown.
- Select "SC-UX100" from the Bluetooth® menu of the device.

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 (→ "Disconnecting a device").

- Press [0].
"BLUETOOTH READY" is shown.
- Select "SC-UX100" from the Bluetooth® menu of the device.
The name of the connected device is shown for a few seconds.
- 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

- Press [0].

- Press [PLAY MENU] to select "DISCONNECT?".
- Press [A, V] to select "OK? YES" and then press [OK].
"BLUETOOTH READY" is shown.
To cancel, select "OK? NO".

Using the main unit

Press and hold [0] 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 [▶/II].
	Stop	Press [■].
	Pause	Press [▶/II]. Press again to continue playback.
	Skip	Press [◀/◀◀] or [▶/▶▶] to skip track. Press [A, V] 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].
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

- Press [PLAY MENU].
Press [PLAY MENU] to select "PLAYMODE".
- Press [A, V] to select the setting and then press [OK].

OFF PLAYMODE	Cancel the setting.
1-TRACK	Play one selected track. Press [◀◀/◀◀] or [▶▶/▶▶] to select the track.
1-ALBUM	Play one selected MP3 album. Press [A, V] to select the MP3 album.
RANDOM	Play all tracks randomly.
1-ALBUM RANDOM	Play all tracks in one selected MP3 album randomly. Press [A, V] to select the MP3 album.
ALL REPEAT	Repeat all tracks.
1-TRACK REPEAT	Repeat 1-TRACK.
1-ALBUM REPEAT	Repeat 1-ALBUM.
RANDOM REPEAT	Repeat random playback.
1-ALBUM RANDOM REPEAT	Repeat 1-ALBUM RANDOM.

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 (→ "Disconnecting a device").

- Press [PLAY MENU] to select "LINK MODE".
- Press [A, V] 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.

Radio

Preparation

Press [RADIO/AUX] to select "FM".

Manual tuning

- Press [PLAY MENU] to select "TUNE MODE".
- Press [A, V] to select "MANUAL" and then press [OK].
- 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.

Using the main unit

- Press [■] to select "MANUAL".
- Press [◀◀/◀◀] or [▶▶/▶▶] to tune in to the station.

Memory presetting

You can preset up to 30 FM stations.

Automatic presetting

- Press [PLAY MENU] to select "A.PRESET".
- Press [A, V] to select "LOWEST" or "CURRENT" and then press [OK].

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

Manual presetting

- Press [PLAY MENU] to select "TUNE MODE".
- Press [A, V] to select "MANUAL" and then press [OK].
- Press [◀◀/◀◀] or [▶▶/▶▶] to tune in to the station.
Do steps 3 through 5 again to preset more stations.
The new station replaces any station that occupies the same preset number.
- Press [OK].
- Press [A, V] to select a preset number and then press [OK].

Selecting a preset station

- Press [PLAY MENU] to select "TUNE MODE".
- Press [A, V] to select "PRESET" and then press [OK].
- Press [◀◀/◀◀] or [▶▶/▶▶] to select the preset station.

Using the main unit

- Press [■] to select "PRESET".
- Press [◀◀/◀◀] or [▶▶/▶▶] to select the preset station.

Improving the sound quality

- Press [PLAY MENU] to select "FM MODE".
- Press [A, V] 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".

Checking the signal status

Press [DISPLAY].

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.

Sound effects

Preset EQ

- Press [SOUND] to select "PRESET EQ".
- Press [A, V] to select the desired preset EQ setting and then press [OK].

Manual EQ

- Press [SOUND] to select "MANUAL EQ".
- Press [A, V] to select the sound effect.
- Press [◀◀/◀◀] or [▶▶/▶▶] to select the setting and then press [OK].

BASS/MID/TREBLE	-4 to +4
SURROUND	"ON SURROUND" or "OFF SURROUND"

D.Bass

- Press [SOUND] to select "D.BASS" and then press [A, V] to select "D.BASS LEVEL" or "D.BASS BEAT".
To cancel, select "OFF D.BASS".
- Press [◀◀/◀◀] or [▶▶/▶▶] on the remote control to select the setting and then press [OK].

Note:
D.BASS BEAT: This function emphasises the attack level of the drumbeat and produces a punchy sound. Depending on the track, the effect may be small.

Jukebox

USB

You can use the jukebox to add a cross-fade effect between songs. You can also use additional features with the "Panasonic MAX Juke" app (→ below).

- Press [PLAY MENU] to select "JUKEBOX".
- Press [A, V] to select the setting and then press [OK].

Using the main unit

Press [JUKEBOX] to select the setting.

OFF CROSSFADE	Cancel cross-fading.
ON CROSSFADE	Add cross-fading.
OFF	Switch off DJ jukebox.

Changing the repeat setting

- Press [PLAY MENU] to select "PLAYMODE".
- Press [A, V] to select the setting and then press [OK].

RANDOM REPEAT	Repeat random playback.
ALL TITLE REPEAT	Repeat all tracks.

Note:

- The system switches to repeat mode automatically when you switch on the jukebox.
- The jukebox is switched off when you switch off the system or change to another source.
- The cross-fade function may not work between songs that have different sampling frequencies.

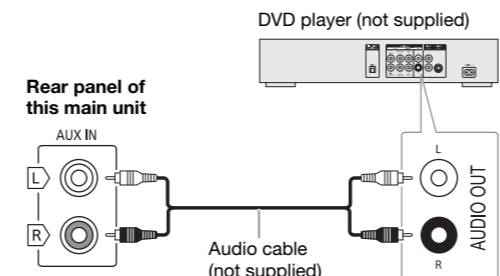
Using the "Panasonic MAX Juke" app
You can download and install the free Android™ app "Panasonic MAX Juke" on Google Play™ for additional features, such as to request song playback from multiple devices simultaneously. You can also call up the tracks you want to play through the app. For details on the app, refer to the site below:
http://sv.jp.support.panasonic.com/support/global/cs/audio/app/max_juke/android/index.html (This site is in English only.)

External equipment

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

Preparation

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



- Connect the external equipment.
- Press [RADIO/AUX] to select "AUX".
- Play the external equipment.

To adjust the input level

- Press [PLAY MENU] to select "INPUT LEVEL".
- Press [A, V] to select "NORMAL" or "HIGH" and then press [OK].

Note:

- Select "NORMAL" if the sound is distorted during "HIGH" input level.
- Components and cables are sold separately.
- If you want to connect equipment other than those described, refer to the audio dealer.
- Sound distortion can occur when you use an adaptor.

Clock and timers

Setting the clock

This is a 24-hour clock.

- Press [SETUP] to select "CLOCK".
- Press [A, V] to set the time and then press [OK].

To check the time

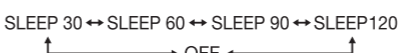
Press [SETUP] to select "CLOCK" and then press [OK].
In standby mode, press [DISPLAY].

Note:
Reset the clock regularly to maintain accuracy.

Sleep timer

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

- Press [SETUP] to select "SLEEP".
- Press [A, V] to select the setting (in minutes) and then press [OK].
To cancel, select "OFF".



Note:

- The remaining time is shown for a few seconds every minute. "SLEEP 1" is always shown when only 1 minute remains.
- The play timer and sleep timer can be used together.
- The sleep timer always comes first. Be sure not to set an overlap of timers.

Play timer

(Except for Bluetooth® and AUX source)

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

Preparation

Set the clock.

- Press [SETUP] to select "TIMER ADJ".
- Press [A, V] to set start time and then press [OK].
- Do step 2 again to set the end time.
- Press [A, V] to select the source you want to play and then press [OK].

To start the timer

- Prepare the source you want to listen to (disc, USB or radio) and set the volume.
- Press [SETUP] to select "TIMER SET".
- Press [A, V] to select "PLAY ON" and then press [OK].
"0" is shown.
To cancel, select "PLAY OFF".
The system must be switched off for the timer to operate.

To check the setting

Press [SETUP] 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.

Others

Illumination

You can switch on or switch off the illumination on the system.

- Press [SETUP] to select "ILLUMINATION".
- Press [A, V] to select "ON" and then press [OK].
To cancel, select "OFF".

Auto off

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

- Press [SETUP] to select "AUTO OFF".
- Press [A, V] 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.

- Press [SETUP] to select "BLUETOOTH STANDBY".
- Press [A, V] 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 version

You can check the software version of the system.

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

Common problems

The unit does not work.

- The safety device has been activated. Do the following:
 - Press [0/1] on the main unit to switch the unit to standby mode. If the unit does not switch to standby mode,
 - Press and hold the button for a minimum of 10 seconds.
 - Or,
 - Disconnect the AC mains lead and then connect it again.
 - Press [0/1] again to switch on the unit. If the problem persists, consult your dealer.

The display panel lights up and changes continuously in standby mode.

- Press and hold [■] on the main unit to select "DEMO OFF".

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.

The sound level reduces.

- The protection circuit has been activated due to the continuous use at high volume output. This is to protect the system and maintain the sound quality.

Disc

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 displayed is incorrect.

- The disc cannot be read.
- 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 in some conditions.

Slow operation of the USB device.

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

Bluetooth®