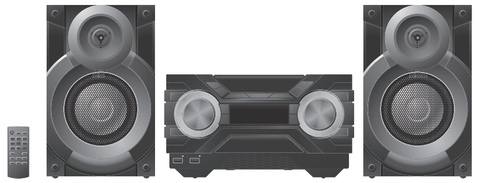
Panasonic

Operating Instructions

CD Stereo System

Model No. **SC-AKX200**



Thank you for purchasing this product.

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

Please keep this manual for future reference.

Manufactured by: Panasonic Corporation
Kadoma, Osaka, Japan
Importer for Europe: Panasonic Marketing Europe GmbH
Panasonic Testing Centre
Winsbergring 15, 22525 Hamburg, Germany

EU

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

E GN En

RQT9971-B
L0215LC0

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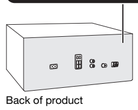
Your system and the illustrations can look different.
These operating instructions are applicable to the following system.

System	SC-AKX200
Main unit	SA-AKX200
Speakers	SB-AKX200

CLASS 1
LASER PRODUCT



Back of product

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.

Licenses

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Google Play and Android are trademarks of Google Inc.

/er-3 audio coding technology licensed from r IIS and Thomson.

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.
- 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.

NORSK

ADVARSEL!

Produkt
- For å redusere faren for brann, elektrisk støt eller skade på apparatet:
  - Dette apparatet må ikke utsettes for regn, fuktighet, drypp eller sprut.
  - Ikke plasser objekter som er fylt med væske, som vaser, på apparatet.
  - Bruk kun anbefalt tilbehør.
  - Fjern ikke deksler.
  - Dette apparatet må ikke repareres på egen hånd. Overlat servicearbeider til kvalifisert servicepersonell.

FORSIKTIG!

Produkt
- For å redusere faren for brann, elektrisk støt eller skade på apparatet:
  - Ikke plasser apparatet i en bokhylle, et innebygget kabinett eller et annet lukket sted. Pass på at apparatet er godt ventilert.
  - Apparatets ventilasjonsåpninger må ikke dekkes til med aviser, duker, gardiner eller lignende.
  - Plasser ikke åpen ild, slik som levende lys, oppå apparatet.
- Dette apparatet er beregnet til bruk under moderate klimaforhold.
- Dette apparatet anvender en laser. Betjening av kontroller, justeringer eller andre inngrep enn de som er beskrevet i denne bruksanvisning, kan føre til farlig bestråling.

Vekselstrømnett
- Støpselet er frakoblende enhet. Strømuttaket må befinne seg i nærheten slik at støpselet lett kan kobles ut fra uttaket umiddelbart.

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.

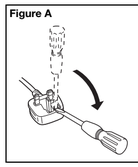
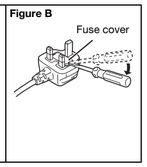
Check for the ASTA mark ⊛ or the BSI mark ♆ on the body of the fuse.

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.

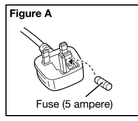
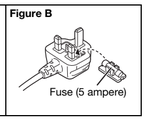
Before use
Remove the connector cover.

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
	 Fuse cover

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

Figure A	Figure B
 Fuse (5 ampere)	 Fuse (5 ampere)

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.).

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

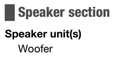
Direct Sales at Panasonic UK
- Order accessory and consumable items for your product with ease and confidence by phoning our Customer Communications Centre Monday – Friday 9:00am – 5:00pm (Excluding public holidays).
- Or go on line through our Internet Accessory ordering application at www.pas-europe.com.
- 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.

For the United Kingdom and Ireland
Use numbers indicated in parentheses when asking for replacement parts. (Product numbers correct as of February 2015. These may be subject to change.)

- ☐ For Australia and New Zealand
  1 AC mains lead
- ☐ Except for Australia and New Zealand
  2 AC mains leads
  For the United Kingdom and Ireland
  (K2CT2YY00097)
- ☐ **1 AM loop antenna**
  (N1DYYYY00011)
- ☐ **1 FM indoor antenna**
  (RSAX0002)



- ☐ **1 Remote control**
  (N2QAYB001019)
- ☐ **1 Remote control battery**
- ☐ For the United Kingdom and Ireland
  1 Antenna plug adaptor
  (K1YZ02000013)

Specifications

Amplifier section

RMS output power stereo mode
Front Ch (both ch driven) 200 W per channel (4 Ω), 1 kHz, 30% THD
Total RMS stereo mode power 400 W

Tuner, terminals section

Preset memory FM 30 stations, AM 15 stations

Frequency modulation (FM)
Frequency range 87.50 MHz to 108.00 MHz (50 kHz step)
Antenna terminals 75 Ω (unbalanced)

Amplitude modulation (AM)
Frequency range 522 kHz to 1629 kHz (9 kHz step), 520 kHz to 1630 kHz (10 kHz step)

AUX
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)
NORSK
Bølgelengde 790 nm (CD)
Laserstyrke Ingen farlig stråling sendes ut

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 16 cm cone type
Tweeter 6 cm cone type
Impedance 4 Ω
Dimensions (W x H x D) 200 mm x 334 mm x 233 mm
Mass 3.3 kg

General

Power supply AC 220 V to 240 V, 50 Hz
Power consumption 60 W
Dimensions (W x H x D) 348 mm x 193 mm x 251 mm
Mass 2.5 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.

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

Placement of speakers

The left and right speakers are the same.
You cannot remove the net of the speakers.

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 the procedures included in these instructions when you attach the speakers.**

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.

CE1177

Declaration of Conformity (DoC)

Hereby, "*Panasonic Corporation*" declares that this product is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

Customers can download a copy of the original DoC to our R&TTE products from our DoC server:
http://www.doc.panasonic.de
Contact to Authorised Representative: Panasonic Marketing Europe GmbH, Panasonic Testing Centre, Winsbergring 15, 22525 Hamburg, Germany

This product is intended for general consumer. (Category 3)

Magyar
Megfelelőségi Nyilatkozat (DoC)

Ezennel a, "*Panasonic Corporation*" kijelenti, hogy a jelen termék kielégíti az 1999/5/EK Irányelv létfontosságú követelményeit és más vonatkozó rendelkezéseit.

A vásárlók letölthetik az R&TTE termékek eredeti DoC másolatát a DoC szerverünkről:
http://www.doc.panasonic.de
Forduljon a hivatalos márkaképviselethez: Panasonic Marketing Europe GmbH, Panasonic Testing Centre, Winsbergring 15, 22525 Hamburg, Németország

A terméket általános fogyasztóknak szánták.
(3-as kategória)

Slovensky
Vyhlásenie o zhode (DoC)

"*Panasonic Corporation*" týmto prehlasuje, že tento výrobok je v zhode so základnými požiadavkami a ďalšími príslušnými ustanoveniami smernice 1999/5/ES.

Zákazníci si môžu stiahnuť kópiu pôvodného DoC na naše R&TTE výrobky z nášho servera DoC:
http://www.doc.panasonic.de
Kontakt na splnomocneného zástupcu: Panasonic Marketing Europe GmbH, Panasonic Testing Centre, Winsbergring 15, 22525 Hamburg, Nemecko

Tento produkt je určený pre všeobecného spotrebiteľa.
(Kategória 3)

Eesti keel
Vastavusdeklaratsioon (DoC)

"*Panasonic Corporation*" kinnitab käesolevaga, et see toode on vastavuses põhiliste nõuete ja muude direktiivi 1999/5/EÜ asjakohaste sätetega.

Kliendid saavad koopia meie R&TTE toodetele kehtiva originaalvastavusdeklaratsiooni koopia alla laadida meie DoC serverist:
http://www.doc.panasonic.de
Võtke ühendust volitatud esindajaga: Panasonic Marketing Europe GmbH, Panasonic Testing Centre, Winsbergring 15, 22525 Hamburg, Germany

See toode on mõeldud tavakasutajale. (III kategooria)

Latviski
Atbilstības deklarācija (DoC)

Kompānija "*Panasonic Corporation*" ar šo paziņo, ka šis izstrādājums atbilst būtiskām prasībām un citām saistošām Direktīvas 1999/5/EK prasībām.

Pircēji var lejupielādēt oriģinālo DoC kopiju mūsu R&TTE izstrādājumos no mūsu DoC servera:
http://www.doc.panasonic.de
Lūdzam sazināties ar pilnvaroto parstāvi: Panasonic Marketing Europe GmbH, Panasonic Testing Centre, Winsbergring 15, 22525 Hamburg, Germany

Šis izstrādājums ir paredzēts parastam patērētājam.
(3. kategorija)

Lietuviškai
Atitikties deklaracija (AD)

Bendrovė "*Panasonic Corporation*" patvirtina, kad šis gaminys tenkina direktyvos 1999/5/EB esminius reikalavimus ir kitas taikytinas nuostatas.

Mūsų R&TTE gaminių originalios atitikties deklaracijos kopiją klientai gali atsisiųsti iš mūsų AD serverio:
http://www.doc.panasonic.de
Įgaliotojo atstovo adresas: "Panasonic Marketing Europe GmbH", Panasonic Testing Centre, Winsbergring 15, 22525 Hamburg, Vokietija

Šis gaminys skirtas bendrajam vartojimui. (3 kategorija)

Slovensko
Izjava o skladnosti (DoC)

S pričujočo izjavo podjetje "*Panasonic Corporation*" izjavlja, da so svoji izdelki skladni s poglavitnimi zahtevami in drugimi odgovarjajočimi predpisi direktive 1999/5/ES.

Stranka lahko naloži izvod izvirnega DoC o naših izdelkih R&TTE s strežnika DoC:
http://www.doc.panasonic.de
Pooblaščeni zastopnik: Panasonic Marketing Europe GmbH, Panasonic Testing Centre, Winsbergring 15, 22525 Hamburg, Nemčija

Izdelek je namenjen splošni uporabi. (Razred 3)

Български
Декларация за съответствие (DoC)

"*Panasonic Corporation*" декларира, че този продукт съответства на съществените изисквания и другите приложими разпоредби на Директива 1999/5/ЕС.

Потребителите могат да свалят копие от оригиналните DoC към нашите продуктите от типа R&TTE от сървъра, на който се съхраняват DoC:
http://www.doc.panasonic.de
За контакт с оторизиран представител: Panasonic Marketing Europe GmbH, Panasonic Testing Centre, Winsbergring 15, 22525 Hamburg, Германия

Този продукт е предназначен за обща употреба.
(Категория 3)

Român
Declarație de Conformitate (DoC)

Prin prezenta, societatea "*Panasonic Corporation*" declară că produsul este conform cu cerințele esențiale și cu alte norme corespunzătoare Directivei 1999/5/EC.

Clienții pot descărca o copie a DoC-ului original al produselor noastre R&TTE de la adressa noastră DoC din Internet:
http://www.doc.panasonic.de
Contact la Reprezentanța autorizată: Panasonic Marketing Europe GmbH, Panasonic Testing Centre, Winsbergring 15, 22525 Hamburg, Germania

Acest produs a fost proiectat pentru clientela generală.
(Categoria 3)

Hrvatski
Deklaracija o podobnosti (DoC)

Ovime, "*Panasonic Corporation*" izjavljuje da je ovaj proizvod udovoljava osnovnim zahtjevima i ostalim relevantnim uvjetima Smjernice 1999/5/EC.

Kupci mogu preuzeti kopiju originalne DoC za naše R&TTE proizvode s našeg DoC poslužitelja:
http://www.doc.panasonic.de
Obratite se ovlaštenom predstavniku: Panasonic Marketing Europe GmbH, Panasonic Testing Centre, Winsbergring 15, 22525 Hamburg, Njemačka

Ovaj proizvod je namijenjen za opću potrošnju.
(Kategorija 3)

Norsk
Samsvarserklæring (DoC)

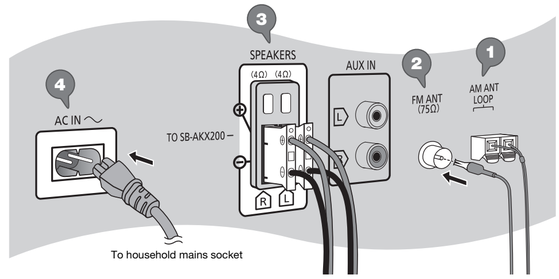
Herved erklærer "*Panasonic Corporation*" at dette produktet samsvarer med de viktige kravene og andre relevante deler av direktivet 1999/5/EC.

Kunder kan laste ned en kopi av det originale DoC til våre R&TTE-produkter fra vår DoC-server:
http://www.doc.panasonic.de
Kontakt vår autoriserte representant: Panasonic Marketing Europe GmbH, Panasonic Testing Centre, Winsbergring 15, 22525 Hamburg, Tyskland

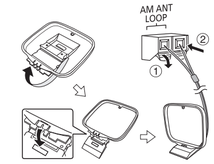
Dette produktet er tenkt for generelle kunder. (Kategori 3)

Making the connections

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

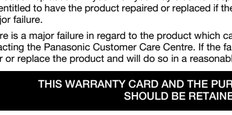


1 Connect the AM loop antenna.
Stand the antenna up on its base until it clicks.



2 Connect the FM indoor antenna.
Put the antenna where reception is best.

For the United Kingdom and Ireland
Connect the FM outdoor antenna.
Use an outdoor antenna if reception is poor.



CAUTION!
Keep the antenna plug adaptor out of reach of children to prevent swallowing.

Note:
- Do not use the outdoor antenna during a lightning storm.
- Disconnect the outdoor antenna if you do not use the system.

3 Connect the speakers.

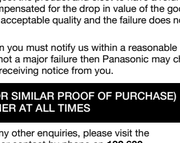
4 Connect the AC mains lead.

(For the AC mains plug of three pins)
READ THE "Caution for AC mains lead" BEFORE CONNECTION.

Do not use an AC mains lead from other equipment.

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.

Preparing the remote control



Use alkaline or manganese battery.

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

Limited Warranty (Australia)

Panasonic Warranty

1. 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.
2. 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 it's 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.
3. 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.
4. This warranty does not cover the following items unless the fault or defect existed at the time of purchase:
   (a) Cabinet Part(s)
   (b) Video or Audio Tapes
   (c) SD cards or USB devices
   (d) User replaceable Batteries
   (e) DVD, Blu-ray or Recordable Discs
   (f) Video / Audio Heads from wear and tear in normal use
   (g) Information stored on Hard Disk Drive, USB stick or SD card
   (h) DTV reception issues caused by TV Aerial / Cabling / Wall socket(s) etc
5. 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.
6. 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)
7. 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, freighting, 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 83 001 592 187
1 Innovation Road, Macquarie Park NSW 2113

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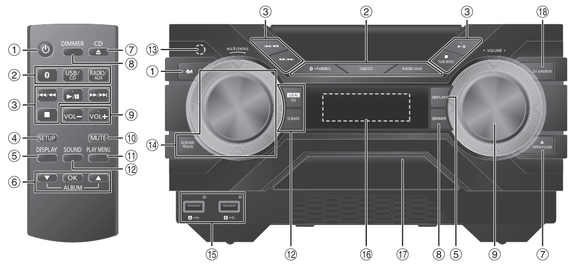
Overview of controls

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 [⏻], [⏻/I]**
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 [–PAIRING].

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**
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 **Remote control sensor**
Distance: Within approximately 7 m
Angle: Approximately 20° up and down, 30° left and right

⑭ **Select MP3 album or track**
Press [ALBUM/TRACK] to select album or track.
Browse tracks or albums
Turn [MULTI CONTROL] to browse.
To start playback from the selection, press [▶/II].

⑮ USB port (•<)
USB status indicator

⑯ Display panel

⑰ Disc tray

⑱ Select DJ jukebox

Preparing media

Disc

1 Press [CD ⏏] (main unit: [⏏ OPEN/CLOSE]) 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] 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] to select “USB A” or “USB B”.
USB status indicator lights up in red when selected.

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 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”).

1 Press [ ].
If “PAIRING” is shown, continue with step 4.

2 Press [PLAY MENU] to select “PAIRING”.

3 Press [▲, ▼] to select “OK? YES” and then press [OK].
“PAIRING” is shown.
To cancel, select “OK? NO”.

4 Select “SC-AKX200” 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

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

2 Select “SC-AKX200” 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”).

1 Press [ ].
“BLUETOOTH READY” is shown.

2 Select “SC-AKX200” 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.

Disconnecting a device

1 Press [ ].

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

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

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].

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 CD
Press [PLAY MENU].
USB
Press [PLAY MENU] to select “PLAYMODE”.

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

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

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”).

1 Press [PLAY MENU] to select “LINK MODE”.

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

MODE 1	Emphasis on connectivity.
MODE 2	Emphasis on sound quality.

Note:
Select “MODE 1” if the sound is interrupted.

Radio

Preparation
Press [RADIO/AUX] to select “FM” or “AM”.

Manual tuning

1 Press [PLAY MENU] to select “TUNE MODE”.

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

3 Press [I◀◀/◀◀] or [▶▶/▶▶I] 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

1 Press [TUNE MODE] to select “MANUAL”.

2 Press [I◀◀/◀◀] or [▶▶/▶▶I] to tune in to the station.

Memory presetting

You can preset up to 30 FM and 15 AM 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] to select “TUNE MODE”.

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

3 Press [I◀◀/◀◀] or [▶▶/▶▶I] 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] to select “TUNE MODE”.

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

3 Press [I◀◀/◀◀] or [▶▶/▶▶I] to select the preset station.

Using the main unit

1 Press [TUNE MODE] to select “PRESET”.

2 Press [I◀◀/◀◀] or [▶▶/▶▶I] to select the preset station.

Improving the sound quality

When “FM” is selected

1 Press [PLAY MENU] 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”.

When “AM” is selected

1 Press [PLAY MENU] to select “B.PROOF”.

2 Press [▲, ▼] to select the setting that provides the best reception and then press [OK].

Checking the signal status

When “FM” is selected

For Australia and New Zealand
Press [DISPLAY].
For others
Press [PLAY MENU] to select “FM STATUS” and then press [OK].

FM – – – –	The FM signal is in monaural. 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”.

RDS broadcasting

Except for Australia and New Zealand

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

Press [DISPLAY].

PS	Programme service
PTY	Programme type
FREQ	Frequency

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

AM allocation setting

By main unit only

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

1 Press [RADIO/AUX] to select “FM” or “AM”.

2 Press and hold [RADIO/AUX].

After a few seconds, the display panel shows the current minimum radio frequency. Release the button when the minimum frequency changes.
- To go back to the initial setting, do the above steps again.
- Preset frequencies are erased after you change the setting.

Sound effects

Preset EQ

1 Press [SOUND] (main unit: [LOCAL EQ]) to select “PRESET EQ”.

2 Press [▲, ▼] to select the desired preset EQ setting and then press [OK].
Or turn [MULTI CONTROL] to select the desired preset EQ setting.

Manual EQ

1 Press [SOUND] (main unit: [LOCAL EQ]) to select “MANUAL EQ”.

2 Press [▲, ▼] to select the sound effect.
Or turn [MULTI CONTROL] to select the sound effect.

3 Press [I◀◀/◀◀] or [▶▶/▶▶I] to select the setting and then press [OK].

D.Bass

1 Press [SOUND] to select “D.BASS” and then press [▲, ▼] to select “D.BASS LEVEL” or “D.BASS BEAT”.
Or press [D.BASS] on the main unit to select “D.BASS LEVEL” or “D.BASS BEAT”.
To cancel, select “OFF D.BASS”.

2 Press [I◀◀/◀◀] or [▶▶/▶▶I] to select the setting and then press [OK].
Or turn [MULTI CONTROL] to select the setting.

DJ jukebox

USB

You can use DJ jukebox to add cross-fading effect between songs. You can also use additional features with the “Panasonic MAX Juke” app (➡ below).

1 Press [PLAY MENU] to select “JUKEBOX”.

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

Using the main unit

Press [DJ JUKEBOX] to select the setting.

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

Changing the repeat setting

1 Press [PLAY MENU] to select “PLAYMODE”.

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

Using the main unit

In the stop mode, turn [MULTI CONTROL] to select the setting.

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

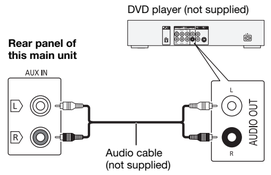
Note:
DJ jukebox is switched off when you switch off the system or change to another source.

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.

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.



1 Connect the external equipment.

2 Press [RADIO/AUX] to select “AUX”.

3 Play the external equipment.

To adjust the input level

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

2 Press [▲, ▼] 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.

1 Press [SETUP] to select “CLOCK”.

2 Press [▲, ▼] 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.

1 Press [SETUP] 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 ↔ SLEEP120
→ OFF ←

Note:
- The remaining time is always shown on the display. The display changes temporarily when you perform other operations.
- 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.

1 Press [SETUP] to select “TIMER ADJ”.

2 Press [▲, ▼] to set 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 Press [SETUP] to select “TIMER SET”.

2 Press [▲, ▼] to select “PLAY ON” and then press [OK].
“⏲” 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

Auto off

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

1 Press [SETUP] 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] 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 version

You can check the software version of the system.

1 Press [SETUP] 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.

Common problems

The unit does not work.
- The safety device has been activated. Do the following:
  1. Press [⏻/I] 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.
  2. Press [⏻/I] 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

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 displayed 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 in some conditions.

Slow operation of the USB device.
- Large content size or large memory USB device takes longer time to read.

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 pairing the device again.
- The system may have a problem. Switch off the system and then switch on again.

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-AKX200” 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.

Radio

Sound is distorted.
- Use an optional FM 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.
- When in AM tuner mode, select the “B.PROOF” setting that provides the best reception.

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

Main unit displays

“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”
- Examine and correct the speaker cords connection.
- Disconnect the USB device. Switch off the system and then switch on again.

“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.

“F77”
- Disconnect the AC mains lead and consult your dealer.

“NO DEVICE”
- The USB device is not connected. Examine the connection.

“NO DISC”
- You have not put in a disc.

“NO PLAY”
“UNSUPPORT”
- 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 TRACK”
- There is no album or track in the USB device.

“PLAYERROR”
- An unsupported MP3 file has been played. 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 [ ] for a minimum of 4 seconds.
  – When “REMOTE 2” is shown, press and hold [OK] and [USB/CD] for a minimum of 4 seconds.

“TEMP NG”
- The temperature protection circuit has been activated, and the system will switch off. Let the unit cool down before switching it on again.
- Check that the ventilation opening of the unit is not obstructed.
- Ensure this unit is well ventilated.

“USB OVER CURRENT ERROR”
- The USB device is using too much power. Disconnect the USB device, switch off the system and then switch on again.

“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 [USB/CD] on the main unit and [USB/CD] on the remote control until “REMOTE 2” is shown.

2 Press and hold [OK] and [USB/CD] on the remote control for a minimum of 4 seconds.

To set the code to “REMOTE 1”

1 Press and hold [USB/CD] 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 [⏻/I] on the main unit, connect the AC mains lead again.
Continue to press and hold the button until “– – – – – – – – –” is shown.

3 Release [⏻/I].
All the settings are set back to the factory preset.
It is necessary to set the memory items again.