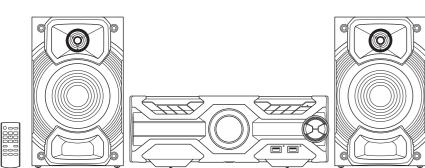
Operating Instructions

CD Stereo System

Model No. SC-AKX520 SC-AKX320



This illustration shows SC-AKX320

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 Manufactured by:

Kadoma, Osaka, Japan Importer for Europe: Panasonic Marketing Europe GmbH Panasonic Testing Centre

Winsbergring 15, 22525 Hamburg, Germany



· The mains plug is the disconnecting device. Install this unit so that the

· 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

Do not leave the battery(ies) in a car exposed to direct sunlight for a

Remove the battery if you do not use the remote control for a long

This appliance is supplied with a moulded three pin mains plug for your

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

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

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

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

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

Illustrations may differ from actual AC mains plug.

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

Fuse (5 ampere

Figure B

1. Open the fuse cover with a screwdriver

If the plug contains a removable fuse cover you must ensure that it is

mains plug can be unplugged from the socket outlet immediately.

dealer and ask for the correct method of disposal.

long period of time with doors and windows closed.

Do not break open or short-circuit the battery

period of time. Keep in a cool, dark area.

· Do not charge the alkaline or manganese battery

· Do not use the battery if the cover has peeled off.

Caution for AC mains lead

For your safety, please read the following text carefully.

(For the AC mains plug of three pins)

A 5-ampere fuse is fitted in this plug.

refitted when the fuse is replaced.

Remove the connector cover

How to replace the fuse

structions below

Figure A

Figure A

safety and convenience

cover is obtained.

Before use

Do not heat or expose to flame.

Panasonic Corporation

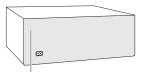
Web Site: http://www.panasonic.com

© Panasonic Corporation 2019

These operating instructions are applicable for models SC-AKX520 and AKX520: Indicate features applicable to SC-AKX520.

[AKX320]: Indicate features applicable to SC-AKX320.		
System	SC-AKX520	SC-AKX320
Main unit	SA-AKX520	SA-AKX320
Speakers	SB-AKX440	SB-AKX220
•		

Unless otherwise indicated, illustrations in these operating instructions Your system and the illustrations can look differently





Back of product The symbols on this product (including the accessories) represent the

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

(I) Standby

Safety precautions

WARNING!

- To reduce the risk of fire, electric shock or product damage, Do not expose this unit to rain, moisture, dripping or splashing. - Do not place objects filled with liquids, such as vases, on this unit. Use the recommended accessories
- Do not repair this unit by yourself. Refer servicing to qualified service
- Do not let metal objects fall inside this unit.

CAUTION!

- · 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 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.

NORSK

ADVARSEL!

- 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 anbefalt tilbehør. Fjern ikke deksler.
- Dette apparatet må ikke repareres på egen hånd. Overlat servicearbeider til kvalifisert servicepersonell

FORSIKTIG!

- · For å redusere faren for brann, elektrisk støt eller skade på apparatet annet lukket sted. Pass på at apparatet er godt ventilert. 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

- Ikke plasser apparatet i en bokhylle, et innebygget kabinett eller et Apparatets ventilasjonsåpninger må ikke dekkes til med aviser, duker,

Disconnect the AC mains lead before maintenance. Clean this system with a soft, dry cloth.

Maintenance

ever use alcohol, paint thinner or benzine to clean this system · Before using chemically treated cloth, read the instructions that came with the cloth carefully.

Disposal of Old Equipment and Batteries

Only for European Union and countries with recycling systems

general household waste.

These symbols on the products, packaging, and/or

points in accordance with your national legislation.

effects on human health and the environment For more information about collection and recycling.

waste, in accordance with national legislation.

Note for the battery symbol (bottom symbol):

please contact your local municipality.

the Directive for the chemical involved.

By disposing of them correctly, you will help to save

valuable resources and prevent any potential negative

accompanying documents mean that used electrical and

electronic products and batteries must not be mixed with

For proper treatment, recovery and recycling of old products

and used batteries, please take them to applicable collection

Penalties may be applicable for incorrect disposal of this

This symbol might be used in combination with a chemica

symbol. In this case it complies with the requirement set by

Declaration of Conformity (DoC)

Safety information for customers in the EU

Hereby, "Panasonic Corporation" declares that this product is in of Directive 2014/53/EU

Customers can download a copy of the original DoC to our RE products from our DoC server: http://www.ptc.panasonic.eu

Winsbergring 15, 22525 Hamburg, Germany

Type of wireless	Frequency band	(dBm E.I.R.P.)
Bluetooth®	2402 – 2480 MHz	10 dBm

Ar šo "Panasonic Corporation" paziņo, ka šis izstrādājums atbilst pamatprasībām un pārējiem Direktīvas 2014/53/ES noteikumiem. mūsu DoC servera:

Lūdzam sazināties ar pilnvaroto parstāvi:

Bezvadu tips	Frekvenču josla	Maksimālā jauda (dBm EIRP)
Rluetooth®	2402 - 2480 MHz	10 dRm

Atitikties deklaracija (AD)

E GN En

TQBJ2170-1

Fuse cover

Fuse (5 ampere)

L0119LC3019

direktyvos 2014/53/ES esminius reikalavimus ir kitas taikytinas

atsisiųsti iš mūsų AD serverio: http://www.ptc.panasonic.eu

Bevielio ryšio tinklas	Dažnių diapazonas	Maksimali siuntimo galia (dBm e.i.r.p.)
Bluetooth®	2402 – 2480 MHz	10 dBm

z bistvenimi zahtevami in drugimi pomembnimi določbami Direktive

http://www.ptc.panasonic.eu

Winsbergring 15, 22525 Hamburg, Nemčija

0 0 ,	٠, ,	
Vrsta brezžične povezave	Frekvenčni pas	Največja moč (dBm EIRP)
Bluetooth®	2402 – 2480 MHz	10 dBm

Slovensky Vyhlásenie o zhode (DoC)

"Panasonic Corporation" týmto vyhlasuje, že tento výrobok je v súlade so "Panasonic Corporation" declară prin prezenta că acest produs este základnými požiadavkami a ďalšími príslušnými ustanoveniami smernice

http://www.ptc.panasonic.eu

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

	Typ bezdrôtového pripojenia	Frekvenčné pásmo	Maximálny výkon (dBm e.i.r.p.)
ſ	Bluetooth®	2402 – 2480 MHz	10 dBm
-			

Megfelelőségi Nyilatkozat (DoC)

az 2014/53/EU Irányelv létfontosságú követelményeit és más vonatkozó

A vásárlók letölthetik az RE termékek eredeti DoC másolatát a DoC szerverünkről: http://www.ptc.panasonic.eu

Winsbergring 15, 22525 Hamburg, Németország aximális teliesítmé Frekvenciasáv (dBm e.i.r.p.)

Η "Panasonic Corporation" δηλώνει ότι το προϊόν αυτό είναι συμμορφωμένο προς τις βασικές απαιτήσεις και άλλες σχετικές διατάξεις της Οδηγίας 2014/53/Ε

Οι πελάτες μπορούν να κατεβάσουν ένα αντίγραφο του πρωτοτύπου DoC

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

99,		
ύπο ασύρματης	Ζώνη συχνοτήτων	Μέγιστη ισχύς (dBm e.i.r.p.)
Bluetooth®	2402 – 2480 MHz	10 dBm

compliance with the essential requirements and other relevant provisions

Panasonic Marketing Europe GmbH, Panasonic Testing Centre,

Type of wireless	Frequency band	Maximum powe (dBm E.I.R.P.)
Bluetooth®	2402 – 2480 MHz	10 dBm

Latviski Atbilstības deklarācija (DoC)

Pircēji var lejupielādēt oriģinālo DoC kopiju mūsu RE izstrādājumos no

http://www.ptc.panasonic.eu Panasonic Marketing Europe GmbH, Panasonic Testing Centre

Winsbergring 15, 22525	Hamburg, Vācijā	
Bezvadu tips	Frekvenču iosla	Maksimālā jauda

Lietuviškai

Bendrovė "Panasonic Corporation" patvirtina, kad šis gaminys atitinka

Mūsų RE gaminių originalios atitikties deklaracijos kopija klientai gali Igaliotojo atstovo adresas:

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

Bevielio ryšio tinklas	Dažnių diapazonas	Maksimali siuntimo galia (dBm e.i.r.p.)
Bluetooth®	2402 – 2480 MHz	10 dBm

Izjava o skladnosti (DoC)

"Panasonic Corporation" v tem dokumentu izjavlja, da je izdelek v skladu

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

Panasonic Marketing Europe GmbH, Panasonic Testing Centre,

Vrsta brezžične povezave	Frekvenčni pas	Največja moč (dBm EIRP)
Bluetooth®	2402 – 2480 MHz	10 dBm

Zákazníci si môžu stiahnuť kópiu pôvodného DoC na naše RE výrobky z Clienţii pot descărca o copie a DoC-ului original al produselor noastre RE

Kontakt na splnomocneného zástupci

Ezennel a, "Panasonic Corporation" kijelenti, hogy a jelen termék kielégíti

A hivatalos képviselő elérhetősége Panasonic Marketing Europe GmbH, Panasonic Testing Centre,

Bluetooth® 2402 - 2480 MHz 10 dBm

Δήλωση συμμόρφωσης (DoC)

για τα RE προϊόντα μας από τον DoC server μας: http://www.ptc.panasonic.eu Επικοινωνήστε με τον Εξουσιοδοτημένο Αντιπροσωπό μας:

Declaração de Conformidade (DoC)

Com o presente documento, a "Panasonic Corporation" declara que este produto se encontra em conformidade com os requisitos específicos e lemais especificações referentes à Diretiva 2014/53/UE. Os clientes podem baixar uma cópia da declaração de conformidade

http://www.ptc.panasonic.eu Contacto com um Representante Autorizado Panasonic Marketing Europe GmbH, Panasonic Testing Centre, Winsbergring 15, 22525 Hamburg, Alemanha

(DoC) para nossos produtos RE do Server DoC:

(dBm e.i.r.p.) Bluetooth® 2402 - 2480 MHz 10 dBm

Eesti keel Vastavusdeklaratsioon (DoC)

Tipo de ligação sem

Käesolevaga kinnitab "Panasonic Corporation", et see toode vastab direktiivi 2014/53/EL olulistele nõuetele ja teistele asjakohastele sätetele Kliendid saavad koopia meie RE toodetele kehtiva

Banda de frequência

Potência máxima

originaalvastavusdeklaratsiooni koopia alla laadida meie DoC-serveristt: http://www.ptc.panasonic.eu Võtke ühendust volitatud esindajaga Panasonic Marketing Europe GmbH, Panasonic Testing Centre, Winsbergring 15, 22525 Hamburg, Saksamaa

Sagedusriba tüüp (dBm EIRP) 2402 - 2480 MHz 10 dBm Bluetooth®

Samsvarserklæring (DoC)

Български

"Panasonic Corporation" erklærer herved at dette produktet samsvarer med de grunnleggende kravene og andre relevante bestemmelser i direktivet 2014/53/EU. Kundene kan laste ned en kopi av den originale samsvarserklæringen

(DoC) for vårt RE utstyr fra vår DoC server: http://www.ptc.panasonic.eu Kontaktinformasjon autorisert representant: Panasonic Marketing Europe GmbH, Panasonic Testing Centre, Winsbergring 15, 22525 Hamburg, Tyskland

Maks. effek Type trådløs Frekvensbånd (dBm e.i.r.p.) Bluetooth® 2402 - 2480 MHz 10 dBm

Декларация за съответствие (DoC) С настоящото "Panasonic Corporation" декларира, че този продукт е в съответствие с основните изисквания и други съответни разпоредби на Директива 2014/53/ЕС.

10 dBm

10 dBm

Потребителите могат да свалят копие от оригиналните DoC към нашите продуктите от типа RE от сървъра, на който се съхраняват DoC: http://www.ptc.panasonic.eu Свържете се с нашия упълномощен представител Panasonic Marketing Europe GmbH, Panasonic Testing Centre.

Winsbergring 15, 22525 Hamburg, Германия Вид безжична връзка Честотна лента (dBm e.i.r.p.)

Declaraţie de Conformitate (DoC)

Bluetooth®

conform cu cerintele esentiale si alte prevederi relevante ale Directivei

2402 – 2480 MHz

de la adressa noastră DoC din Internet: http://www.ptc.panasonic.eu Contactaţi Reprezentantul Autorizat: Panasonic Marketing Europe GmbH, Panasonic Testing Centre, Winsbergring 15, 22525 Hamburg, Germania Putere maxima Interval de frecvență Tip de wireless

2402 - 2480 MHz

Vinsbergring 15, 22525 Hamburg, Njemačka

Winsbergring 15, 22525 Hamburg, Almanya

Deklaracija o podobnosti (DoC) Ovime "Panasonic Corporation" izjavljuje da ovaj proizvod udovoljava 2014/53/EU

Kupci mogu preuzeti kopiju originalne DoC za naše RE proizvode s našeg DoC poslužitelja: http://www.ptc.panasonic.eu Adresa ovlaštenog predstavništva: Panasonic Marketing Europe GmbH, Panasonic Testing Centre,

Vrsta bežične mreže Frekvencijski pojas (dBm e.i.r.p.) 2402 – 2480 MHz 10 dBm

Uygunluk Beyanı (DoC) "Panasonic Corporation" bu belge ile bu ürünün 2014/53/EU Direkti'nin temel gerekliliklerine ve diğer ilgili hükümlerine uygun olduğunu beyan

Müşterilerimiz RE ürünlerimizle ilgili orijinal DoC belgesinin bir kopyasını DoC sunucumuzdan indirebilir: http://www.ptc.panasonic.eu etkili Temsilci ile temasa geçin: Panasonic Marketing Europe GmbH, Panasonic Testing Centre,

Kablosuz türü Frekans bandı (dBm e.i.r.p.) 2402 - 2480 MHz 10 dBm Bluetooth®

About Bluetooth®

Panasonic bears no responsibility for data and/or information that is

Frequency band . This system uses the 2.4 GHz frequency band

Taking apart or modifying the main unit.

connect or some operations can be different.

Use this device at a maximum range of 10 m.

Interference from other devices

broadcasting station, etc. is too strong.

• This system is for normal, general use only.

Removing specification indications.

Certification

Restrictions of use

Range of use

2.4 GHz band.

Intended usage

Licenses

Specifications

Power consumption

Dimensions (W x H x D)

Operating temperature range

RMS output power stereo mod

Total RMS stereo mode power

Total RMS stereo mode powe

Frequency modulation (FM)

Amplitude modulation (AM)

Disc played (8 cm or 12 cm)

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

Operating humidity range

Mass (SA-AKX520)

Mass (SA-AKX320)

Amplifier section

AKX520

Tuner section

Preset memory

Preset memory

Disc section

Wavelength

Bølgelengde

Laserstyrke

■ Terminal section

Media file format support

USB device file system

USB standard

NORSK

USB port

AUX IN

AKX520

Version

Class

Microphone

Terminal

Bluetooth® section

Supported profiles

Operating frequency

Operation distance

Supported codec

Speaker section

Dimensions (W x H x D)

Dimensions (W x H x D)

Specifications are subject to change without notice

Total harmonic distortion is measured by the digital spectrum analyses

Mass and dimensions are approximate

SB-AKX440

Woofer

Tweeter

Impedance

SB-AKX220

Woofer

Tweeter

Impedance

Speaker unit(s)

Speaker unit(s)

Maximum power (EIRP)

Frequency band

Audio input

Pick up

Frequency range

Frequency range

Antenna terminals

General

AKX520

AKX320

devices is not guaranteed.

compromised during a wireless transmission

· This system conforms to the frequency restrictions and has received

Wireless transmission and/or usage with all Bluetooth® equipped

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

This system supports Bluetooth® security features. But depending on

The range can decrease depending on the environment, obstacles or

 $\bullet\,$ This system may not function properly and troubles such as noise and

located too close to other Bluetooth® devices or the devices that use the

sensitive to radio frequency interference (example: airports, hospitals,

The Bluetooth® word mark and logos are registered trademarks owned

Corporation is under license. Other trademarks and trade names are

AC 220 V to 240 V, 50 Hz

400 mm x 142 mm x 250 mm

35% to 80% RH (no condensation)

87.50 MHz to 108.00 MHz (50 kHz step)

522 kHz to 1629 kHz (9 kHz step)

520 kHz to 1630 kHz (10 kHz step)

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

Ingen farlig stråling sendes ut

60 W

0.6 W

2.5 kg

2.5 kg

0°C to +40°C

30 stations

75 Ω (unbalanced)

790 nm (CD)

USB 2.0 full speed

Pin jack (1 system)

FAT12, FAT16, FAT32

2402 MHz to 2480 MHz

10 dBm

SBC

 3Ω

 4Ω

CAUTION!

10 m line of sight

6 cm cone type x 1

16 cm cone type x 1

6 cm cone type x 1

MP3 (*.mp3)

by Bluetooth SIG, Inc. and any use of such marks by Panasonic

Android and Google Play are trademarks of Google LLC

Power consumption in standby mode (approximate)

Front Ch (both ch driven) 325 W per channel (3 Ω), 1 kHz, 30% THD

With "BLUETOOTH STANDBY" set to "OFF"

With "BLUETOOTH STANDBY" set to "ON

sound jumps may arise due to radio wave interference if this unit is

This system may not function properly if radio waves from a nearby

sufficient. Transmit data wirelessly to this system with caution.

This system cannot transmit data to a Bluetooth® device.

the operating environment and/or settings, this security is possibly not

The actions below are punishable by law in some countries

certification based on frequency laws. Thus, a wireless permit is not

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

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

MP3 file on USB device

This system can access up to:

 800 albums (including root folder)

- 8000 tracks - 999 tracks in one album

Sales and Support Information

Customer Communications Centre • For customers within the UK: 0344 844 3899

Direct Sales at Panasonic UK

• Do not use this system near an equipment or in an environment that is • 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

· 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. lost major credit and debit cards accepted

All enquiries transactions and distribution facilities are provided directly by Panasonic UK. Also available through our Internet is direct shopping for a wide range of finished products. Take a browse on our website for further details.

Check and identify the supplied accessories Product numbers correct as of January 2019. These may be subject to

For Australia and New Zealand 1 AC mains lead For others 2 AC mains leads For the United Kingdom and Irelan

Supplied accessories

1 AM loop antenna (N1DYYYY00011) AKX520 2 Ferrite cores

□ 1 FM indoor antenna

(RSAX0002)

1 Remote contro (N2QAYB001215)

Front Ch (both ch driven) 225 W per channel (4 Ω), 1 kHz, 30% THD □ 1 Remote control battery For the United Kingdom and Irelan 1 Antenna plug adapto (K1YZ02000013)

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



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

Use alkaline or manganese battery.

Placement of speakers



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

These speakers do not have magnetic shielding. Do not put them near TVs, PCs or other equipment easily influenced by magnetism.

· 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

 Keep your speakers more than 10 mm from the main unit for ventilation. 20 cm cone type x 1 Put the speakers on a flat safe surface.

· When you play at high levels for a long period, it can cause damage to the 257 mm x 422 mm x 219 mm speakers and decrease the life of the speakers. Decrease the volume in these conditions to prevent damage 4.5 kg - When the sound is distorted When you adjust the sound quality

if there is a sudden apparent change in performance 199 mm x 333 mm x 210 mm Do not modify the speaker or speaker wires as this can cause damage to the system. 3.3 kg Do the procedures included in these instructions when you attach the speakers.

This may damage the speaker cone

The speaker cone may be hot.

Do not touch the speaker cone's reverberating surfaces:

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

Making the connections

1 Connect the AM loop antenna.

2 Connect the FM indoor antenna

For the United Kingdom and Ireland

CAUTION!

Connect the FM outdoor antenna

Use an outdoor antenna if reception is poor

Antenna plug adaptor

Keep the antenna plug adaptor out of reach of children to prevent

onnect the outdoor antenna if you do not use the syster

· Do not use the outdoor antenna during a lightning storm.

Put the antenna where reception is best

Adhesive tape

(not supplied)

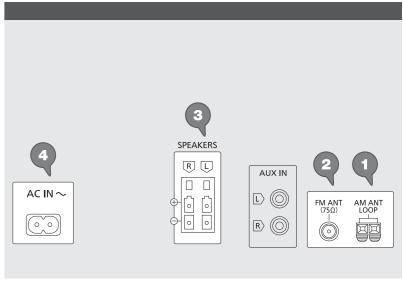
FM outdoor antenna

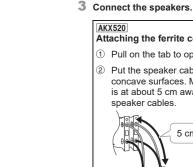
(not supplied)

(not supplied)

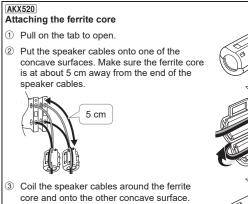
75 Ω coaxial cable

Stand the antenna up on its base until it clicks





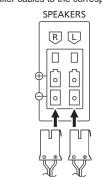
AKX520



ables may result in poor radio reception Connect the speaker cables to the corresponding terminal.

Close the ferrite core until it clicks.

Failure to attach the ferrite core to the speaker



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

(For the AC mains plug of three pins)

Conserving power

To household mains socket

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

Keep the antennas away from the speaker cables and the AC mains lead to

READ THE "Caution for AC mains lead" BEFORE CONNECTION

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

For Australia

- Panasonic Warranty 1. 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 bour, if in the opinion of Panasonic the product is found to have a manufacturing defect within one (1) year or (12 months) (the "warranty period") from the
- date of purchase appearing on your purchase receipt. where the products are used and serviced within Australia or its territories. Warranty cover only applies to the services that are carried out by a Panasonic Authorised Service Centre and only if valid proof of purchase is presented when the warranty service is requeste 3. This warranty only applies if the product has been installed and/or 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 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), 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) Consumable parts
- c) Worn or damaged parts

(a) Internet and or DLNA connection / setup related problems

-) Information stored on Hard Disk Drives, Optical Discs, USB Devices, SD Cards, Tapes (e) DTV reception issues caused by TV Aerial / Cabling / Wall socket(s) 5. Some products may be supplied with Ethernet connection hardware. The warranty is limited on such products and will not cover:
- b) Access fees and or charges incurred for internet connection c) 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: Contact Panasonic's Customer Care Centre on 132 600 for Service Centre information
- Confirm the opening and acceptance times with the Authorised Service Centre that you choose.

 Then send or take the product to a Panasonic Authorised Service Centre together with your proof of purchase receipt Any freight and insurance costs associated with the transport of the product to and/or from your nearest Authorised Service Centre must be arranged and

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 132 600 or visit our website and use the Service Centre Locator.

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,

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

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

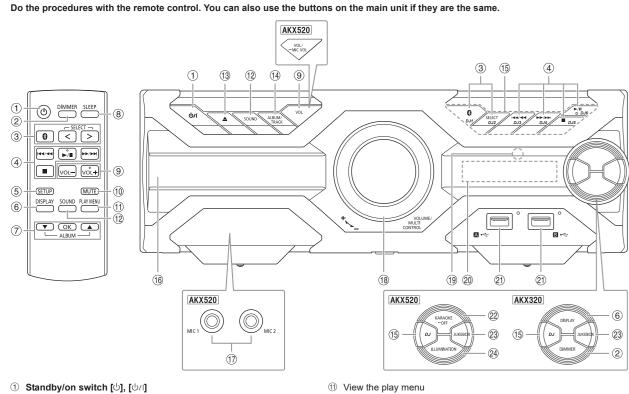
If you require assistance regarding warranty conditions or any other enquiries, please visit the

Panasonic Australia Pty. Limited

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.

ACN 001 592 187 ABN 83 001 592 187 Innovation Road, Macquarie Park NSW 21' www.panasonic.com.au

Overview of controls



Select the sound effects

(13) Open or close the disc tray

(14) Select MP3 album or track

Browse tracks or albums

15 DJ function direct buttons

® Volume or multi control knob

19 Remote control sensor

USB status indicator

Select the Karaoke effects

Select the illumination effects

① Disc trav

① AKX520

20 Display panel

22 AKX520

24 AKX520

② USB port (•<→)</p>

23 Select DJ iukebox

Microphone jack

Press [ALBUM/TRACK] to select album or track

To start playback from the selection, press [►/III].

Press [DJ1] to [DJ6] to select the desired function.

To cancel, press the selected [DJ1] to [DJ6] again

Angle: Approximately 10° up and 30° down, 30° left and right

To cancel, press and hold [-OFF] until "OFF EFFECT" is shown.

Turn [VOLUME/MULT] CONTROL1 to browse

Press [DJ] to switch on the DJ function.

Distance: Within approximately 7 m

- Press to switch the unit from on to standby mode or vice versa. Ir standby mode, the unit is still consuming a small amount of power
- Decrease the brightness of the display pane To cancel, press the button again.
- The illumination effect is also switched off.
- 3 Select the audio source Press [SELECT <, >] (main unit: [SELECT]) repeatedly to select the
- $\mathsf{USB}\,\mathsf{A}\to\mathsf{USB}\,\mathsf{B}\to\mathsf{CD}\to\mathsf{FM}$ BLUETOOTH ← AUX ← AM
- On the main unit:
- To start Bluetooth® pairing, press and hold [1
- Basic playback control
- 5 View the setup menu 6 View the content information
- Select or confirm the option
- 8 Set the sleep timer Adjust the volume level
- On the main unit Press [VOL] and then turn [VOLUME/MULTI CONTROL] to adjust the
- Adjust the microphone volume level
 Press and hold [–MIC VOL] until "MIC VOL" is shown. Turn [VOLUME/MULTI CONTROL] to adjust the volume.
- 10 Mute the sound To cancel, press the button again "MUTE" is also cancelled when you adjust the volume or when you

Preparing media

1 Press [▲] to open the disc tray.

Put in a disc with the label facing up

Press [SELECT <, >] repeatedly to select "CD".

Press again to close the disc tray

USB device with MP3 files. BLUFTOOTH: Bluetooth® device.

Basic playback

CD USB BLUETOOTH

Press [►/II Press [■]. USB 'RESUME" is shown Press again to stop fully

Press [►/II] Press again to continue playback. Press [I◄◄/◀◀] or [▶▶/▶▶I] to skip track.

Press [▲. ▼] to skip MP3 albur Search Press and hold [I◄◄/◄◄] or [▶▶/▶▶I].

Viewing available information

CD USB BLUETOOTH

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

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

<u>|/_</u>| _| |_| Album Track

 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

Press [PLAY MENU].

OFF PLAYMODE	Cancel the setting.
1-TRACK	Play one selected track. Press [I◄◄/◄◄] or [▶►/▶►I] to select the trace
1-ALBUM 1 🖿	Play one selected MP3 album. Press [▲, ▼] to select the MP3 album.
RANDOM RND	Play all tracks randomly.
1-ALBUM RANDOM 1 m RND	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 1 ♪ ⇔	Repeat 1-TRACK.
1-ALBUM REPEAT 1 ■ ○	Repeat 1-ALBUM.
RANDOM REPEAT	Repeat random playback.
1-ALBUM RANDOM REPEAT 1 ■ RND 🖒	Repeat 1-ALBUM RANDOM.

1 Press [PLAY MENU] repeatedly to select "LINK MODE"

When enjoying video contents with this function, the video and audio output

Multi Connect

AKX520

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

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

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

Decrease the volume and connect the USB device to the USB port

Hold the main unit when connecting or disconnecting the USB device.

Some devices cannot be charged as the maximum USB charging current is 0.5 A only.

Switch on the Bluetooth® feature of the device and put the device near the system.

Press [SELECT <, >] repeatedly to select "USB A" or "USB B".

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

USB status indicator lights up in red when selected.

Read the operating instructions of the device for details

1 Press [(3)].

AKX320

Pairing a device

Bluetooth®

If "PAIRING" is shown, continue with step 3

2 Press [PLAY MENU] to select "PAIRING" and then press [OK]. 3 Select "SC-AKX520" or "SC-AKX320" from the Bluetooth® menu of the device.

If prompted for a passkey, input "0000" or "1234". The device connects with this system automatically after pairing is The MAC address (example: 6C:5A:B5:B3:1D:0F) may be shown

before "SC-AKX520" or "SC-AKX320" is shown. The name of the connected device is shown for a few seconds

Using the main unit 1 Press and hold [🚷] until "PAIRING" is shown.

2 Select "SC-AKX520" or "SC-AKX320" from the Bluetooth® menu of the device.

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.

 Depending on the searching functionality of the Bluetooth® device and the surrounding environment, if the product name is not shown on the Bluetooth® nenu of the device, switch off and then switch on the Bluetooth® feature of the device repeatedly during the pairing process.

Connecting a device

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

1 Press [(2)].

AKX320

"BLUETOOTH READY" is shown. 2 Select "SC-AKX520" or "SC-AKX320" 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
- A device must be paired to connect. When "BLUETOOTH" is selected as the source, this system will automatically try to connect to the last connected device. ("LINKING" is shown during this

The following marks indicate the availability of the feature. CD-R/RW in CD-DA format or with MP3 files.

The position is memorised

CD USB

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

number

1 CD

Press [PLAY MENU] repeatedly to select "PLAYMODE"

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

OFF PLAYMODE	Cancel the setting.
1-TRACK	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 m 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	Repeat random playback.
1-ALBUM RANDOM REPEAT 1 ■ RND 🖒	Repeat 1-ALBUM RANDOM.

The setting is cancelled when you open the disc tray or disconnect the USB

Link mode

BLUETOOTH

You can change the link mode to suit the connection type

If this system is connected to a Bluetooth® device, disconnect if (⇒ "Disconnecting a device").

2 Press [▲, ▼] to select the mode and then press [O	
MODE 1	Emphasis on connectivity.

MODE 2 (default) Emphasis on sound quality.

Select "MODE 1" if the sound is interrupted.

may not be synchronised. In this case, select "MODE 1".

This system supports Multi Connect, which can connect up to 3 devices simultaneously To switch between the connected devices

When one of the connected devices is playing, you can easily switch control to another connected device simply by starting a playback on that device. The previous playback will be paused automatically.

This function may not work for some apps or devices (depending on app or

Disconnecting a device

While a Bluetooth® device is connected

1 Press [PLAY MENU] repeatedly to select "DISCONNECT?". 2 Press [▲, ▼] to select "OK? YES" and then press [OK].

"BLUETOOTH READY" is shown. To cancel, select "OK? NO". AKX320 Using the main unit

Press and hold [👸] until "PAIRING" is shown. AKX520

This function disconnects all connected devices. · 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

1 Press [PLAY MENU] repeatedly to select "TUNE MODE". Or press [■] on the main unit to select "MANUAL". Continue with step 3.

To tune automatically, press and hold the button until the frequency

Press [SELECT <, >] repeatedly to select "FM" or "AM".

2 Press [▲, ▼] to select "MANUAL" and then press [OK] Press [I◄◄/◄◄] or [▶▶/▶▶I] to tune in to the station.

"STEREO" is shown when a stereo broadcast is being received.

Memory presetting

starts changing quickly.

Radio

Manual tuning

You can preset up to 30 FM stations and 15 AM stations.

Automatic presetting 1 Press [PLAY MENU] to select "A.PRESET"

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

2 Press [▲, ▼] to select "LOWEST" or "CURRENT" and then press

To cancel, press [Manual presetting

- 1 Press [PLAY MENU] repeatedly to select "TUNE MODE". Or press [■] on the main unit to select "MANUAL". Continue with step 3.
- 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

Selecting a preset station

- 1 Press [PLAY MENU] repeatedly to select "TUNE MODE". Or press [■] on the main unit to select "PRESET". Continue with step 3.
- 2 Press [▲, ▼] to select "PRESET" and then press [OK].
- 3 Press [I◄◄/◄◄] or [▶▶/▶▶I] to select the preset station.

Improving the sound quality

When "FM" is selected

When "AM" is selected

1 Press [PLAY MENU] repeatedly to select "FM MODE".

Continue with step 4 of "Manual presetting" (⇒ above).

2 Press [▲, ▼] to select the setting that provides the best

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

1 Press [PLAY MENU] repeatedly to select "B.PROOF".

reception and then press [OK] Checking the signal status

When "FM" is selected For Australia and New Zealand Press [DISPLAY].

> Press [DISPLAY] to select "FM STATUS" 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

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 When "FM" is selected

Press [DISPLAY] repeatedly FREQ Frequency Programme service

Programme type RDS may not be available if reception is poor.

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

When "AM" is selected

Press and hold [►/II] on the main unit. After a few seconds, the display panel shows the current minimum radio frequency. Release the button when the minimum frequency changes.

Sound effects

SURROUND

D.BASS BEAT

D.BASS LEVEL

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

• To go back to the initial setting, do the above steps again.

Preset frequencies are erased after you change the setting.

Or turn [VOLUME/MULTI CONTROL] to select the setting.	
PRESET EQ	"ROCK", "POP", "AFRO BEAT", "ARABIC", "PERSIAN", "INDIA BASS", "DANGDUT", "MALAY POP", "ELECTRONICA", "REGGAETON", "SALSA", "SAMBA", "FOOTBALL", "KARAOKE" [AKX520] or "FLAT".
BASS/MID/TREBLE	-4 to +4
	Note: These settings can change when you select a PRESET EQ setting.

"ON SURROUND" or "OFF SURROUND"

"ON D.BASS BEAT" or "OFF 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.

This function does not work when "D.BASS LEVEL" is set to "OFF".

"OFF". "LEVEL 1" to "LEVEL 6"

Illumination effects

Or press [ILLUMINATION] repeatedly to select the effect

remain off even when you switch on the illumination function

Using the "Panasonic MAX Juke" app

1 Press [PLAY MENU] to select "JUKEBOX".

OFF CROSSFADE Cancel cross-fading.

ON CROSSFADE Add cross-fading.

Press [JUKEBOX] repeatedly to select the setting.

COLOR A selection of 3 different illumination colours on the main unit.

AUTO Illuminate in 3 different colours and change alternately.

You can also turn IVOLUME/MULTI CONTROLL to select the next or

When the dimmer function is switched on, the illumination on the system will

You can use the DJ functions to add sound effects between songs

You can download and install the free Android™ app "Panasonic MAX

Juke" on Google Play $^{\text{TM}}$ 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

http://av.jpn.support.panasonic.com/support/global/cs/audio/app

You can use the DJ jukebox function to add cross-fade effect between

Switch off DJ jukebox

DJ jukebox is switched off when you switch off the system or change to

1 Press [PLAY MENU] repeatedly to select "PLAYMODE".

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

RANDOM REPEAT Repeat random playback.

You can use the DJ effect function to add sound effects

1 Press [DJ] to select "DJ EFFECT SELECT NUMBER" or "ON DJ

Add space and dimension to the sound.

Add notes to the sound to create harmony

DJ effect is switched off when you switch off the system or change to AUX source

Decrease the volume of the system to its minimum before you connect or

1 Connect a microphone (not supplied) to the microphone jack.

3 Press [▲, ▼] to adjust the volume of the microphone and then

Or turn [VOLUME/MULTI CONTROL] to adjust the volume of the

4 If you want to sing with the background music, play the music

If a strange noise (howling) is emitted, move the microphone away from the

When you do not use the microphone, disconnect it from the microphone

jack, and decrease the volume of the microphone to its minimum.

3 Turn [VOLUME/MULTI CONTROL] to select the setting

Cut off the sound periodically

Add digital echo to the sound

Adjust the keys of the sound

Enhance or filter specific ranges of the sound.

ALL TITLE REPEAT Repeat all tracks.

To cancel, select "OFF EFFECT"

IDJ31 SOUND CHOPPER

[DJ4] ELECTRO ECHO

[DJ5] PITCH SHIFTER

[DJ6] HARMONIZER

To cancel, press the button again.

Using a microphone

Plug type: Ø 6.3 mm monaural

2 Press [SOUND] repeatedly to select "MIC VOI."

source and adjust the volume of the system.

speakers, or decrease the volume of the microphone

Or press and hold [-MIC VOL] until "MIC VOL" is shown.

Preparation

disconnect a microphone

2 Press [DJ1] to [DJ6] to select the effect.

The cross-fade function may not work between songs that have different

· The system switches to repeat mode automatically when you switch on DJ

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

previous effect.

[▲, ▼] to select the effect.

OFF Cancel the effect

DJ functions

(This site is in English only.)

DJ iukebox

Using the main unit

another source.

DJ effect

(Except for AUX source)

[DJ1] PHASER

[DJ2] FILTER

By main unit only

EFFECT"

sampling frequencies

Changing the repeat setting

You can change the illumination effect on the system.

Press [SETUP] repeatedly to select "ILLUMINATION" and then press

AKX520 Preparation Select the music source.

The Karaoke function is switched off when you switch off the system

Karaoke effect

Karaoke

You can use the Karaoke effect function to add sound effects

1 Press [SOUND] repeatedly to select "KARAOKE EFFECT" and then press [▲. ▼] to select the effect.

Or press [KARAOKE] repeatedly to select the effect

VOCAL CANCEL Reduce the vocal level or change the audio mode (depending on the source).

KEY CONTROL Change the key of a song. The setting is cancelled when you change to another CD USB TEMPO hange the speed of a song Change the background music level. MIC EQ Select a MIC FQ mode OFF EFFECT Cancel the effect. Press [OK] to confirm Or press and hold [-OFF] until "OFF EFFECT" is

Add an echo effect to the sound.

To check the current setting, press [OK].

2 Press [I◄◄/◄◄] or [▶►/▶►I] to select the setting and then

Or turn [VOLUME/MULTI CONTROL] to select the setting. VOCAL CANCEL "OFF", 1 to 3, "L", "R", "L+R" When using stereo source not formatted for Karaoke It is recommended to use "2 VOCAL CANCEL" for most songs. When using Karaoke formatted source

L: Only left channel sound (accompaniment only) R: Only right channel sound (vocals only) L+R: Left and right channel sounds are mixed KEY CONTROL -6 to +6 "OFF". -2 to +2 "OFF". 1 to 3 "SINGING" or "SPEECH

To use Karaoke effect in AUX source, set "AUX MODE" to "MODE 1" (⇒ "AUX mode").

Clock and timers

Setting the clock

This is a 24-hour clock

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

1 Press [SETUP] to select "CLOCK"

Sleep timer

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

SLEEP 30 → SLEEP 60 → SLEEP 90 → SLEEP120 — OFF ←

Press [SLEEP].

The sleep timer always comes first. Be sure not to set an overlap of timers

To cancel, select "OFF"

(Except for Bluetooth® and AUX source) You can set the timer to come on at a certain time to wake you up.

2 Press [▲, ▼] to set the start time and then press [OK].

3 Do step 2 again to set the end time.

To cancel, select "PLAY OFF". The system must be switched off for the timer to operate.

In standby mode, press [DISPLAY] two times. · The timer starts at a low volume and increases gradually to the preset level.

eration, the timer will not stop at the end time.

Common problems The unit does not work.

2 Press [▲, ▼] to set the time and then press [OK]

To check the time

Reset the clock regularly to maintain accuracy

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

To check the remaining time

· The remaining time is shown for a few seconds every minute. "SLEEP 1" is

always shown when only 1 minute remains

Play timer

Preparation

1 Press [SETUP] repeatedly to select "TIMER ADJ".

4 Press [▲, ▼] to select the source you want to play and then press [OK]. To start the timer

1 Prepare the source you want to listen to (disc, USB or radio) and

2 Press [SETUP] repeatedly to select "TIMER SET". 3 Press [A, ▼] to select "PLAY ON" and then press [OK].

To check the setting Press [SETUP] repeatedly to select "TIMER ADJ" and then press

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

· You connected the AC mains lead for the first time or there was a powe 1. Press [ป/l] on the main unit to switch the unit to standby mode. If the unit

"ADJUST CLOCK 2. Press [0/1] again to switch on the unit. If the problem persists, consult your · The clock is not set. Adjust the clock

> "AUTO OFF" · The system has not been used for 20 minutes and will switch off within a minute. To cancel, press any button

You have connected 3 Bluetooth® devices. To connect another device, disconnect one of the connected devices and try again · Switch off the system, determine and correct the cause, and then switch on

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

Disconnect the AC mains lead and wait for a few seconds before connecting

"NO PLAY" · There is no album or track in the USB device.

• The system may have a problem. Switch off the system and then switch on

connected devices and try again. "NOT SUPPORTED"

PLAYERROR

4 seconds. "TEMP NG"

• The device is out of the 10 m communication range. Move the device nearer "USB A NO DEVICE"

The USB device is not connected. Examine the connection The pairing of the device has been replaced. Do pairing again (⇒ "Pairing a "USB OVER CURRENT ERROR" This system might be connected to a different device. Disconnect the other

Remote control code

"USB B NO DEVICE"

Press [SELECT] repeatedly on the main unit to select "AUX".

"REMOTE 2" is shown.

1 Press and hold [SELECT] on the main unit and [§] on the

System memory reset

mains lead again.

A beat sound is heard.Switch off the TV or move it away from the system.

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

Playback image and sound are not synchronised.

Karaoke effect cannot be used

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

External equipment

Disconnect the AC mains lead.

Rear panel of

this main unit

1 Connect the external equipment

3 Play the external equipment.

· Do not bend cables at sharp angles.

Troubleshooting

Sound is distorted or no sound.

Adjust the volume of the system

The sound level reduces

Display not shown correctly

· Disc is dirty. Clean the disc.

Playback does not start.

The disc cannot be read

Distorted sound is heard.

Disc

USB

Bluetooth®

Pairing cannot be done.

AUX mode

AKX520

Components and cables are sold separately.

Press [SELECT <, >] repeatedly to select "AUX".

Sound distortion can occur when you use an adaptor.

1 Press [PLAY MENU] to select "AUX MODE"

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

MODE 1 Select this mode to use the Karaoke effect function.

external player with Karaoke features

The safety device has been activated. Do the following:

No operations can be done with the remote control

A humming sound can be heard during playback.

again. It can be caused by straining of the speakers through excessive

The protection circuit has been activated due to the continuous use at high

olume or power, and when using the system in a hot environmen

· An AC mains lead or fluorescent light is near the cables. Keep other

appliances and cords away from the cables of this system.

You have not put in the disc correctly. Put it in correctly

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

The total number of tracks shown is incorrect

You put in a disc that has not been finalise

Slow operation of the USB device.

· Check the Bluetooth® device condition

device and try connecting the device again.

The device cannot be connected.

Restart the app of the device.

to the system.

Radio

Sound is distorted

existing connected devices and try again

Sound from the device is interrupted.

Replace the disc if it is scratched, warped, or non-standard

There is condensation. Let the system dry for 1 to 2 hours.

You put in a disc that the system cannot play. Change to a playable disc.

The pairing of the device was unsuccessful. Do pairing again (⇒ "Pairing a

· The system may have a problem. Switch off the system and then switch on

The device is connected but audio cannot be heard through the system. For some built-in Bluetoothe devices, you have to set the audio output to "SC-AKX520" or "SC-AKX320" manually. Read the operating instructions of

The control of the device was not switched successfully. Disconnect the

The device is out of the 10 m communication range. Move the device neare

microwaves, cordless phones, etc.) are interfering. Move the device nearer to

Other devices that use the 2.4 GHz frequency band (wireless router,

Playback during Multi Connect is not working or no sound.

Remove any obstacle between the system and the device.

Select "MODE 1" for stable communication (⇒ "Link mode")

the system and distance it from the other devices.

mory USB device takes longer time to read.

MODE 2 Select this mode when watching TV, movies or using an

AUX IN

· Switch off all equipment and read the appropriate operating instructions.

Audio cable

· If you want to connect equipment other than those described, refer to the

(not supplied)

DVD player (not supplied)

this system.

Preparation

Auto off

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

1 Press [SETUP] repeatedly to select "AUTO OFF".

2 Press [▲, ▼] to select "ON" and then press [OK]. To cancel, select "OFF

This function does not work when you are in radio source or when a Bluetooth® device is connected. AKX520 This function may not work when a microphone is connected.

Bluetooth® standby

This function automatically switches on the system when you establish a

2 Press [▲, ▼] to select "ON" and then press [OK].

connecting to this system from your Bluetooth® device again.

Some devices may take longer to respond. If you are connected to a Bluetooth evice before switching off the system, wait for a minimum of 5 seconds before

Software update

available free of charge. For more details, refer to the following website http://panasonic.jp/support/global/cs/ This site is in English only.)

The software version is show

2 Press [OK] again to exit.

Main unit displays

"ADJUST TIMER" The display panel lights up and changes continuously in standby mode. The play timer is not set. Adjust the play time Press and hold [■] on the main unit until "DEMO OFF" or "SDEMO OFF" is

"F□□" / "F□□□" ("□" represents a number.) · The protection circuit has been activated and the system may be switched off

volume output. This is to protect the system and maintain the sound quality. "NO DISC" You have not put in a disc

Examine the content. You can only play supported format

• To use Karaoke effect in AUX source, set "AUX MODE" to "MODE 1"

An unsupported MP3 file has been played. The system will skip that track and play the next one. The format of the USB device or the contents in it are not compatible with the "REMOTE 1"

– When "REMOTE 1" is shown, press and hold [OK] and [) on the remote control for a minimum of 4 seconds - When "REMOTE 2" is shown, press and hold [OK] and [<] for a minimum o

Check that the ventilation opening of the unit is not obstructed
 Ensure this unit is well ventilated.

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

1 Press and hold [SELECT] on the main unit and [<] until

To set the code to "REMOTE 2"

To set the code to "REMOTE 1"

remote control until "REMOTE 1" is shown.

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

• Use an optional FM outdoor antenna. The antenna should be installed by a

AUX

· Set "AUX MODE" to "MODE 2

Set "AUX MODE" to "MODE

Bluetooth® connection from a paired device 1 Press [SETUP] repeatedly to select "BLUETOOTH STANDBY".

Occasionally, Panasonic may release updated software for this unit that may add or improve the way a feature operates. These updates are

Press [SETUP] repeatedly to select "SW VER." and then press

Checking the software version

failure recently. Set the clock does not switch to standby mode, disconnect the AC mains lead and then Track play time is more than 99 minute

"DEVICE CONNECTED FULL"

"NOT SUPPORT MULTI CONNECT" • The Bluetooth® connection cannot be established. Disconnect the existing

'REMOTE 2" ÚSB devices with storage capacity of more than 32 GB cannot work in some The remote control and the main unit are using different codes. Change the code of the remote control.

> The temperature protection circuit has been activated, and the system will switch off. Let the unit cool down before switching it on again

 If "MODE 2" is selected in "LINK MODE", select "MODE 1" (⇒ "Link mode"). The system cannot show the remaining play time for variable bit rate (VBR)

> When other Panasonic equipment responds to the remote control of this system, change the remote control code for this system

2 Press and hold [OK] and [<] for a minimum of 4 seconds.

2 Press and hold [OK] and [🚱] on the remote control for a nimum of 4 seconds

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 [७/١] on the main unit, connect the AC

Continue to press and hold the button until "----" is shown. 3 Release [७/۱].

It is necessary to set the memory items again

All the settings are set back to the factory preset.

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