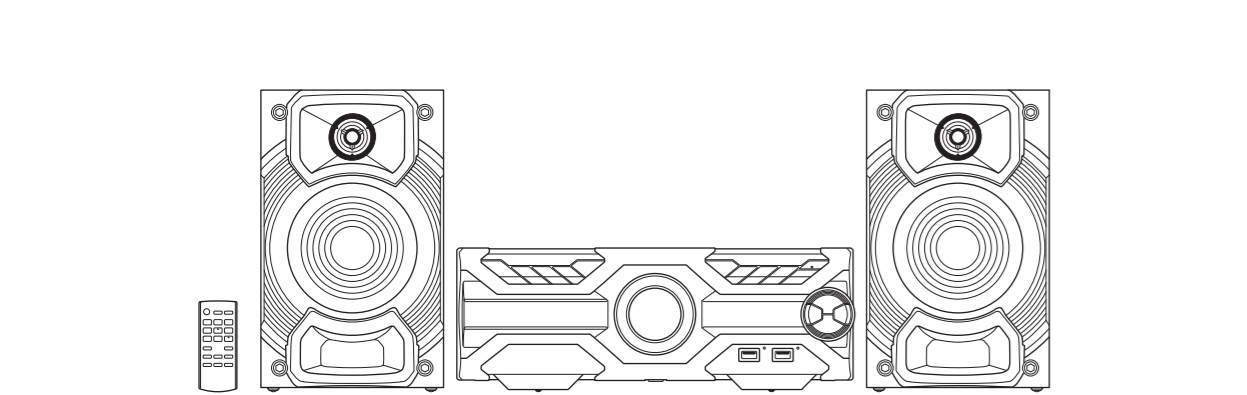


# Panasonic

## Operating Instructions

### CD Stereo System

Model No. **SC-AKX520**  
**SC-AKX320**



This illustration shows SC-AKX320.

<b>English</b>	<b>English</b>												
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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	
		TQBJ2170-1 L0119L.C3019

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

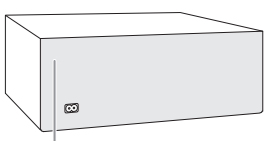
© Panasonic Corporation 2019

These operating instructions are applicable for models SC-AKX520 and SC-AKX320.	<b>AC mains plug</b>
<b>AKX520</b> : Indicate features applicable to SC-AKX520.	<b>AKX320</b> : Indicate features applicable to SC-AKX320.

<b>System</b>	SC-AKX520	SC-AKX320
<b>Main unit</b>	SA-AKX520	SA-AKX320
<b>Speakers</b>	SB-AKX440	SB-AKX220

Unless otherwise indicated, illustrations in these operating instructions are of SC-AKX320.

Your system and the illustrations can look differently.



Back of product

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

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

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

#### FORSIKTIG!

**Produkt**

- For å redusere faren for brann, elektrisk støt eller skade på apparatet:
  - Ikke plasser apparatet i en bokhylle, et innbygget kabinet eller et annet lukket sted. Pass på at apparatet er godt ventilert.
  - Apparatets ventilasjonsåpninger må ikke dekes 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.

#### Vekselstrømmet

- Støpeleiet er frakoblede enhet. Strømuttaket må befines seg i nærheten slik at støpeleiet lett kan kobles ut fra uttaket umiddelbart.

	WEEE symbol
	Recycling symbol

**Safety information for customers in the EU**

**English Declaration of Conformity (DoC)**

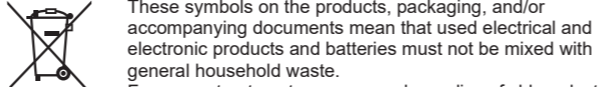
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<p>Ezenneel a "Panasonic Corporation" kijelenti, hogy a jelen termék kielégíti az 2014/53/EU irányelv léfentossági követelményeit és más vonatkozó rendelkezéseit.</p> <p>A vásárlók letölthetik az RE termék eredeti DoC másolatát a DoC szerverünkről: <a href="http://www.ptc.panasonic.eu">http://www.ptc.panasonic.eu</a>  A hivatalos képviselő elérhetősége: <a href="http://www.ptc.panasonic.eu">Panasonic Marketing Europe GmbH, Panasonic Testing Centre, Winsbergring 15, 22525 Hamburg, Németország</a></p>	<p>Atbilstības deklaracija (AD)</p> <p>"Panasonic Corporation" pārkirina, ka šis gaminys atbilsta direktīvas 2014/53/ES esmīnisiu rakolāivānisiu ir kitiis katlykānisiu nuostats.</p> <p>Mūsū RE gaminiji originaliis atbilstiies deklarācijs kopiji klienti galā atsiisūsti iš mūsū AD serveri: <a href="http://www.ptc.panasonic.eu">http://www.ptc.panasonic.eu</a>  Igsūtiolotji atostavo adressas: <a href="http://www.ptc.panasonic.eu">Panasonic Marketing Europe GmbH, Panasonic Testing Centre, Winsbergring 15, 22525 Hamburg, Vokietija</a></p>												
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<p>Η "Panasonic Corporation" δηλώνει ότι το προϊόν αυτό είναι συμμόρφωμένο προς τις βασικές απαιτήσεις και άλλες σχετικές διατάξεις της Οδηγίας 2014/53/ΕΕ.</p> <p>Οι πελάτες μπορούν να κατεβάσουν ένα αντίγραφο του πρωτοτύπου DoC για το RE προϊόντα μας από τον DoC server μας: <a href="http://www.ptc.panasonic.eu">http://www.ptc.panasonic.eu</a>  Υπεύθυνη για τον εξουσιοδοτημένο αντιπροσωπώ μας: <a href="http://www.ptc.panasonic.eu">Panasonic Marketing Europe GmbH, Panasonic Testing Centre, Winsbergring 15, 22525 Hamburg, Γερμανία</a></p>	<p>Atbilstības deklaracija (AD)</p> <p>"Panasonic Corporation" pārkirina, ka šis gaminys atbilsta direktīvas 2014/53/ES esmīnisiu rakolāivānisiu ir kitiis katlykānisiu nuostats.</p> <p>Mūsū RE gaminiji originaliis atbilstiies deklarācijs kopiji klienti galā atsiisūsti iš mūsū AD serveri: <a href="http://www.ptc.panasonic.eu">http://www.ptc.panasonic.eu</a>  Igsūtiolotji atostavo adressas: <a href="http://www.ptc.panasonic.eu">Panasonic Marketing Europe GmbH, Panasonic Testing Centre, Winsbergring 15, 22525 Hamburg, Vokietija</a></p>												
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**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.



## Maintenance

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

- Never use alcohol, paint thinner or benzine to clean this system.
- Before using chemically treated cloth, read the instructions that came with the cloth carefully.

	WEEE symbol
	Recycling symbol

**Português Declaração de Conformidade (DoC)**

Com o presente documento, a *"Panasonic Corporation"* declara que este produto se encontra em conformidade com os requisitos específicos e demais especificações referentes a Diretiva 2014/53/EU.

Os clientes podem baixar uma cópia da declaração de conformidade (DoC) para nossos produtos RE do Server DoC: <http://www.ptc.panasonic.eu>  
Contato com um Representante Autorizado: [Panasonic Marketing Europe GmbH, Panasonic Testing Centre, Winsbergring 15, 22525 Hamburg, Alemanha](http://www.ptc.panasonic.eu)

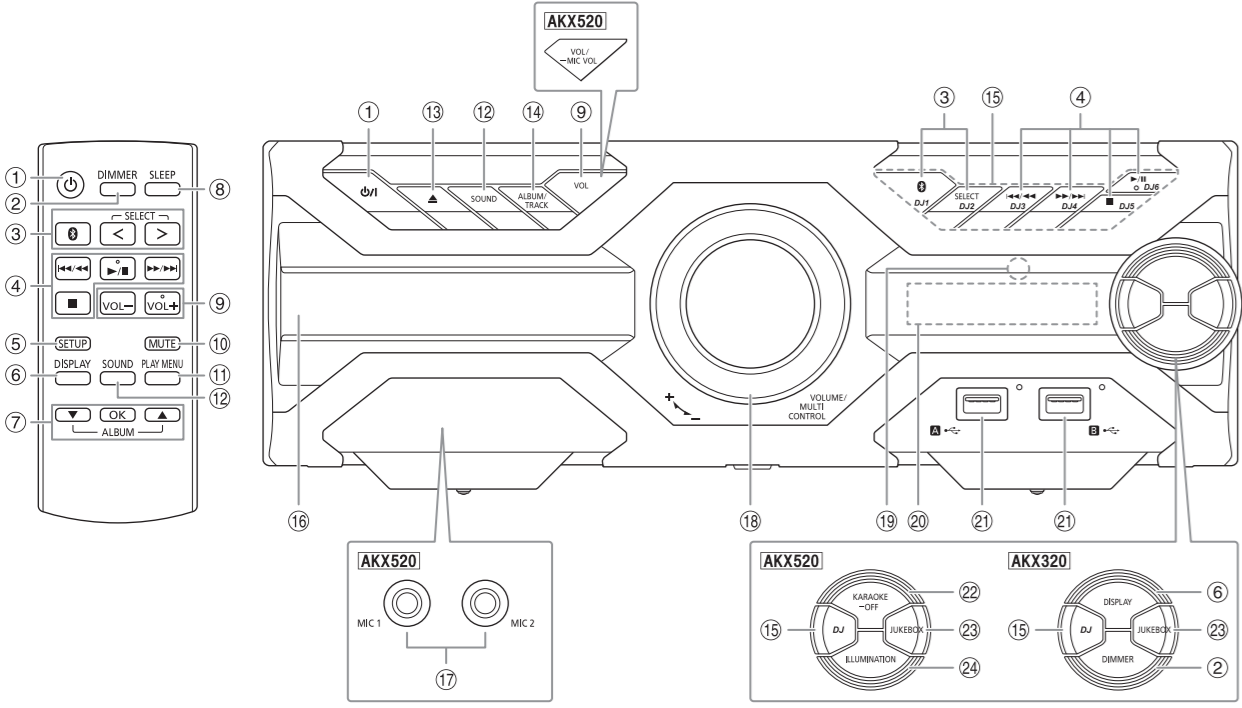
Tipo de ligação sem fios	Banda de frequência	Polência máxima (dBm e.i.r.p.)
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<b>Eesti keel Vastavusdeklaratsioon (DoC)</b>	<b>Atbilstības deklaracija (AD)</b>												
<p>Kā esošā gaidāma deklarācija "Panasonic Corporation", et see toode vastab direktiivi 2014/53/EL olulistele nõuetele ja teisteles asjakohastele sätetele.</p> <p>Klientid saavad koolita meie meie RE toodetele kehtiva originaalvastavusdeklaratsiooni koopია alla laadida meie DoC-serverilt: <a href="http://www.ptc.panasonic.eu">http://www.ptc.panasonic.eu</a>  Võtke ühendust volitatud esindajaga: <a href="http://www.ptc.panasonic.eu">Panasonic Marketing Europe GmbH, Panasonic Testing Centre, Winsbergring 15, 22525 Hamburg, Saksamaa</a></p>	<p>Atbilstības deklaracija (AD)</p> <p>"Panasonic Corporation" pārkirina, ka šis gaminys atbilsta direktīvas 2014/53/ES esmīnisiu rakolāivānisiu ir kitiis katlykānisiu nuostats.</p> <p>Mūsū RE gaminiji originaliis atbilstiies deklarācijs kopiji klienti galā atsiisūsti iš mūsū AD serveri: <a href="http://www.ptc.panasonic.eu">http://www.ptc.panasonic.eu</a>  Igsūtiolotji atostavo adressas: <a href="http://www.ptc.panasonic.eu">Panasonic Marketing Europe GmbH, Panasonic Testing Centre, Winsbergring 15, 22525 Hamburg, Vācijas</a></p>												
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<p>"Panasonic Corporation" erklærer herved at dette produktet samsvarer med de grunnleggende kravene og andre relevante bestemmelser i direktivet 2014/53/EU.</p> <p>Kundene kan laste ned en kopi av den originale samsvareklæringen (DoC) for vårt RE utstyr fra vår DoC server: <a href="http://www.ptc.panasonic.eu">http://www.ptc.panasonic.eu</a>  Kontaktinformasjon autorisert representant: <a href="http://www.ptc.panasonic.eu">Panasonic Marketing Europe GmbH, Panasonic Testing Centre, Winsbergring 15, 22525 Hamburg, Tyskland</a></p>	<p>Atbilstības deklaracija (AD)</p> <p>"Panasonic Corporation" pārkirina, ka šis gaminys atbilsta direktīvas 2014/53/ES esmīnisiu rakolāivānisiu ir kitiis katlykānisiu nuostats.</p> <p>Mūsū RE gaminiji originaliis atbilstiies deklarācijs kopiji klienti galā atsiisūsti iš mūsū AD serveri: <a href="http://www.ptc.panasonic.eu">http://www.ptc.panasonic.eu</a>  Igsūtiolotji atostavo adressas: <a href="http://www.ptc.panasonic.eu">Panasonic Marketing Europe GmbH, Panasonic Testing Centre, Winsbergring 15, 22525 Hamburg, Vokietija</a></p>												
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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.



- Standby/on switch** [⏻], [⏻] Press to switch the unit from on to standby mode or vice versa. In standby mode, the unit is still consuming a small amount of power.
- Decrease the brightness of the display panel** To cancel, press the button again. [AKX520] The illumination effect is also switched off.
- Select the audio source** Press [SELECT<,>] (main unit: [SELECT]) repeatedly to select the source:
  - USB A → USB B → CD → FM
  - BLUETOOTH ← AUX ← AM
On the main unit:
  - To start Bluetooth® pairing, press and hold [⓪].
- Basic playback control
- View the setup menu
- View the content information
- Select or confirm the option
- Set the sleep timer
- Adjust the volume level**
On the main unit:
  - Press [VOL] and then turn [VOLUME/MULTI CONTROL] to adjust the volume.[AKX520]
  - Select the Karaoke effects** Press and hold [-MIC VOL] until "MIC VOL" is shown. Turn [VOLUME/MULTI CONTROL] to adjust the volume.
- 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.
- View the play menu
- Select the sound effects
- Open or close the disc tray
- Select MP3 album or track**
Press [ALBUM/TRACK] to select album or track.
  - Browse tracks or albums** Turn [VOLUME/MULTI CONTROL] to browse. To start playback from the selection, press [▶|II].
- DJ function direct buttons**
Press [DJ] to switch on the DJ function.
  - Press [DJ1] to [DJ6] to select the desired function. To cancel, press the selected [DJ1] to [DJ6] again.
- Disc tray
- Microphone jack
- Volume or multi control knob
- Remote control sensor**
Distance: Within approximately 7 m
Angle: Approximately 10° up and 30° down, 30° left and right
- Display panel
- USB port (4+2)
  - USB status indicator
- [AKX520]
  - Select DJ jukebox**
- [AKX520]
  - Select the illumination effects

## Preparing media

### Disc

- Press [▲] to open the disc tray.
  - Put in a disc with the label facing up.
  - Press again to close the disc tray.
- Press [SELECT<,>] repeatedly to select "CD".

### USB

#### Preparation

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

- Decrease the volume and connect the USB device to the USB port.**
  - Hold the main unit when connecting or disconnecting the USB device.
- Press [SELECT<,>] repeatedly 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.
  - Some devices cannot be charged as the maximum USB charging current is 0.5 A only.

#### Bluetooth®

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

#### Preparation

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

#### Pairing a device

<div><div><div><span><span>AKX520</span></span></div></div></div> <div><b>Preparation</b> If this system is connected to a Bluetooth® device, disconnect it (⇨ "Disconnecting a device").</div>
---

- Press [⓪].
  - If "PAIRING" is shown, continue with step 3.
- Press [PLAY MENU] to select "PAIRING" and then press [OK].
- 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 complete.
  - The MAC address (example: 6C5A: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

- Press and hold [⓪] until "PAIRING" is shown.
- 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.

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

#### Connecting a device

<div><div><div><span><span>AKX520</span></span></div></div></div> <div><b>Preparation</b> If this system is connected to a Bluetooth® device, disconnect it (⇨ "Disconnecting a device").</div>
---

- Press [⓪].
  - "BLUETOOTH READY" is shown.
- 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.
- Start playback on the device.**

- Note:

- 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 process.)

## Media playback

The following marks indicate the availability of the feature.

<span><span>CD</span></span>	CD-R/RW in CD-DA format or with MP3 files.
<span><span>USB</span></span>	USB device with MP3 files.

**BLUETOOTH:** Bluetooth® device.

### Basic playback

<span><span>CD</span></span> <span><span>USB</span></span> <span><span>BLUETOOTH</span></span>	
Play	Press <span>[</span> <span><span>▶ II</span></span> <span>]</span> .
Stop	Press <span>[</span> <span><span>■</span></span> <span>]</span> .
<span><span>USB</span></span>	The position is memorized. "RESUME" is shown. Press again to stop fully.
Pause	Press <span>[</span> <span><span>▶ II</span></span> <span>]</span> . Press again to continue playback.
Skip	Press <span>[</span> <span><span>◀◀ ◀◀</span></span> <span>]</span> or <span>[</span> <span><span>▶▶ ▶▶</span></span> <span>]</span> to skip track. <span><span>CD</span></span> <span><span>USB</span></span> Press <span>[</span> <span><span>▲</span></span> <span>]</span> to skip MP3 album.
Search	Press and hold <span>[</span> <span><span>◀◀◀◀ ◀◀◀◀</span></span> <span>]</span> or <span>[</span> <span><span>▶▶▶▶ ▶▶▶▶</span></span> <span>]</span> .

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

### Viewing available information

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

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

<span><span>CD</span></span> <span><span>USB</span></span> <span><span>BLUETOOTH</span></span>	
<span><span>▶▶▶▶ ▶▶▶▶</span></span>	
Album number	Track number

- 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

<span><span>CD</span></span> <span><span>USB</span></span>	
Press <span>[</span> <span><span>PLAY MENU</span></span> <span>]</span> .	
<span><span>USB</span></span>	Press <span>[</span> <span><span>PLAY MENU</span></span> <span>]</span> repeatedly to select "PLAYMODE".
2 Press <span>[</span> <span><span>▲</span></span> <span>,</span> <span>▼</span> <span>]</span> to select the setting and then press <span>[</span> <span><span>OK</span></span> <span>]</span> .	
OFF PLAYMODE	Cancel the setting.
1-TRACK	Play one selected track. Press <span>[</span> <span><span>◀◀◀◀ ◀◀◀◀</span></span> <span>]</span> or <span>[</span> <span><span>▶▶▶▶ ▶▶▶▶</span></span> <span>]</span> to select the track.
1-ALBUM	Play one selected MP3 album. Press <span>[</span> <span><span>▲</span></span> <span>,</span> <span>▼</span> <span>]</span> to select the MP3 album.
RANDOM RND	Play all tracks randomly.
1-ALBUM RANDOM	Play all tracks in one selected MP3 album randomly. Press <span>[</span> <span><span>▲</span></span> <span>,</span> <span>▼</span> <span>]</span> to select the MP3 album.
ALL REPEAT	Repeat all tracks.
1-TRACK REPEAT	Repeat 1-TRACK.
1-ALBUM REPEAT	Repeat 1-ALBUM.
RANDOM REPEAT	Repeat random playback.
1-ALBUM RANDOM REPEAT	Repeat 1-ALBUM RANDOM.

Note:

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

### Link mode

<span><span>BLUETOOTH</span></span>	
You can change the link mode to suit the connection type.	
<b>Preparation</b> If this system is connected to a Bluetooth® device, disconnect it (⇨ "Disconnecting a device").	
1 Press <span>[</span> <span><span>PLAY MENU</span></span> <span>]</span> repeatedly to select "LINK MODE".	
2 Press <span>[</span> <span><span>▲</span></span> <span>,</span> <span>▼</span> <span>]</span> to select the mode and then press <span>[</span> <span><span>OK</span></span> <span>]</span> .	
MODE 1	Emphasis on connectivity.
MODE 2 (default)	Emphasis on sound quality.

Note:

- When enjoying video contents with this function, the video and audio output may not be synchronised. In this case, select "MODE 1".
- Select "MODE 1" if the sound is interrupted.

### Multi Connect

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.

Note:

- This function may not work for some apps or devices (depending on app or device specifications).

<span><span>AKX520</span></span>	
This system supports Multi Connect, which can connect up to 3 devices simultaneously.	
<b>To switch between the connected devices</b> 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.	
<b>Disconnecting a device</b> <b>While a Bluetooth® device is connected</b> 1 Press <span>[</span> <span><span>PLAY MENU</span></span> <span>]</span> repeatedly to select "DISCONNECT".	
2 Press <span>[</span> <span><span>▲</span></span> <span>,</span> <span>▼</span> <span>]</span> to select "OK? YES" and then press <span>[</span> <span><span>OK</span></span> <span>]</span> . "BLUETOOTH READY" is shown. To cancel, select "OK? NO".	
<span><span>AKX520</span></span>	
<b>Using the main unit</b> Press and hold <span>[</span> <span><span>⓪</span></span> <span>]</span> until "PAIRING" is shown.	
<span>Note:</span> <ul style="list-style-type: none"><li>This function disconnects all connected devices.</li> <li>A device is disconnected when you: <ul style="list-style-type: none"><li>Select a different source.</li> <li>Move the device out of the maximum range.</li> <li>Disable the Bluetooth® transmission of the device.</li> <li>Switch off the system or the device.</li></ul></li></ul>	

## Radio

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

### Manual tuning

- Press [PLAY MENU] repeatedly to select "TUNE MODE". Or press [■] on the main unit to select "MANUAL". Continue with step 3.
- Press [▲,▼] to select "MANUAL" and then press [OK].
- Press [◀◀◀◀|◀◀◀◀] or [▶▶▶▶|▶▶▶▶] to tune in to the station. To tune automatically, press and hold the button until the frequency starts changing quickly. "STEREO" is shown when a stereo broadcast is being received.

### Memory presetting

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

- Automatic presetting**
- 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

- Press [PLAY MENU] repeatedly to select "TUNE MODE". Or press [■] on the main unit to select "MANUAL". Continue with step 3.
- Press [▲,▼] to select "MANUAL" and then press [OK].
- Press [◀◀◀◀|◀◀◀◀] or [▶▶▶▶|▶▶▶▶] to tune in to the station.
- Press [OK].
- 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

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

### Improving the sound quality

**When "FM" is selected**
1 Press [PLAY MENU] repeatedly to select "FM MODE".
2 Press [▲,▼] to select "MONO" and then press [OK]. To cancel, select "STEREO". "MONO" is also cancelled when you change the frequency.
**To reanalyse the setting**
Continue with step 4 of "Manual presetting" (⇨ above).

- Note:

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

#### Changing the repeat setting

- Press [PLAY MENU] repeatedly to select "PLAYMODE".
- Press [▲,▼] to select the setting and then press [OK].

RANDOM REPEAT	Repeat random playback.
ALL TITLE REPEAT	Repeat all tracks.
<span><span>CD</span></span> <span><span>USB</span></span>	
1 Press <span>[</span> <span><span>PLAY MENU</span></span> <span>]</span> repeatedly to select "FM STATUS".	
<span><span>FM</span></span> <span><span>ST</span></span>	The FM signal is weak. The system is not tuned in to a station.
<span><span>FM</span></span> <span><span>ST</span></span>	The FM signal is in stereo.
<span><span>FM</span></span> <span><span>MONO</span></span>	"MONO" is selected as the "FM MODE". The FM signal is in monaural.

### RDS broadcasting

<span><span>EXCEPT FOR AUSTRALIA AND NEW ZEALAND</span></span>	
Press <span>[</span> <span><span>DISPLAY</span></span> <span>]</span> .	
<span><span>FM</span></span> <span><span>ST</span></span>	The FM signal is weak. The system is not tuned in to a station.
<span><span>FM</span></span> <span><span>ST</span></span>	The FM signal is in stereo.
<span><span>FM</span></span> <span><span>MONO</span></span>	"MONO" is selected as the "FM MODE". The FM signal is in monaural.
<span><span>EXCEPT FOR AUSTRALIA AND NEW ZEALAND</span></span>	
This system can show the text data transmitted by the radio data system (RDS) available in some areas.	
<b>When "FM" is selected</b>	
When <span>[</span> <span><span>DISPLAY</span></span> <span>]</span> repeatedly.	
FREQ	Frequency
PS	Programme service
PTY	Programme type

Note:
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.

- To go back to the initial setting, do the above steps again.
- Preset frequencies are erased after the setting.

## Sound effects

- Press [SOUND] repeatedly to select the effect.
- Press [▲,▼] to select the setting and then press [OK]. Or turn [VOLUME/MULTI CONTROL] to select the setting.

PRESET EQ	"ROCK", "POP", "AFRO BEAT", "ARABIC", "PERSIAN", "INDIA BASS", "DANGDUT", "MALAY POP", "ELECTRONICA", "REGGAE/TON", "SALSA", "SAMBA", "FOOTBALL", "KARAOKE" <span>[</span> <span><span>AKX520</span></span> <span>]</span> or "FLAT".
BASS/MID/TREBLE	−4 to +4 <ul style="list-style-type: none"><li>Note: These settings can change when you select a PRESET EQ setting.</li></ul>
SURROUND	"ON SURROUND" or "OFF SURROUND"
D.BASS LEVEL	"OFF", "LEVEL 1" to "LEVEL 6"
D.BASS BEAT	"ON D.BASS BEAT" or "OFF D.BASS BEAT" <ul style="list-style-type: none"><li>Note: <ul style="list-style-type: none"><li>This function emphasises the attack level of the drumbeat and produces a punchy sound. Depending on the track, the effect may be small.</li> <li>This function does not work when "D.BASS LEVEL" is set to "OFF".</li></ul></li></ul>

## Illumination effects

AKX520
You can change the illumination effect on the system.
Press [SETUP] repeatedly to select "ILLUMINATION" and then press [▲,▼] to select the effect. Or press [ILLUMINATION] repeatedly to select the effect.

COLOR	A selection of 3 different illumination colours on the main unit.
AUTO	Illuminate in 3 different colours and change alternately.
OFF	Cancel the effect.

You can also turn [VOLUME/MULTI CONTROL] to select the next or previous effect.

Note:
When the dimmer function is switched on, the illumination on the system will remain off even when you switch on the illumination function.

## DJ functions

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

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

### DJ jukebox

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

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

<b>Using the main unit</b>	
Press <span>[</span> <span><span>JUKEBOX</span></span> <span>]</span> repeatedly to select the setting.	
ON CROSSFADE	Cancel cross-fading.
ON CROSSFADE	Add cross-fading.
OFF	Switch off DJ Jukebox.

Note:

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

### Changing the repeat setting

- Press [PLAY MENU] repeatedly to select "PLAYMODE".
- Press [▲,▼] to select the setting and then press [OK].

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

<span><span>EXCEPT FOR AUSTRALIA AND NEW ZEALAND</span></span>	
Press <span>[</span> <span><span>DISPLAY</span></span> <span>]</span> .	
<span><span>FM</span></span> <span><span>ST</span></span>	The FM signal is weak. The system is not tuned in to a station.
<span><span>FM</span></span> <span><span>ST</span></span>	The FM signal is in stereo.
<span><span>FM</span></span> <span><span>MONO</span></span>	"MONO" is selected as the "FM MODE". The FM signal is in monaural.
<span><span>EXCEPT FOR AUSTRALIA AND NEW ZEALAND</span></span>	
This system can show the text data transmitted by the radio data system (RDS) available in some areas.	
<b>When "FM" is selected</b>	
When <span>[</span> <span><span>DISPLAY</span></span> <span>]</span> repeatedly.	
FREQ	Frequency
PS	Programme service
PTY	Programme type

### DJ effect

<span><span>BY MAIN UNIT ONLY</span></span>	
You can use the DJ effect function to add sound effects.	
1 Press <span>[</span> <span><span>DJ</span></span> <span>]</span> to select "DJ EFFECT SELECT NUMBER" or "ON DJ EFFECT". To cancel, select "OFF EFFECT".	
2 Press <span>[</span> <span><span>DJ1</span></span> <span>]</span> to <span>[</span> <span><span>DJ6</span></span> <span>]</span> to select the effect.	
<span><span>[</span><span><span>DJ1</span></span><span>]</span></span>	PHASER <ul style="list-style-type: none"><li>Add space and dimension to the sound.</li></ul>
<span><span>[</span><span><span>DJ2</span></span><span>]</span></span>	FILTER <ul style="list-style-type: none"><li>Enhance or filter specific ranges of the sound.</li></ul>
<span><span>[</span></span>	