



Panasonic

Operating Instructions
CD Stereo System

Model No. **SC-AKX12**

Dear Customer

Thank you for purchasing this system.
For optimum performance and safety, read these instructions fully before you connect, operate or adjust this system.
Keep this manual for future reference.
These operating instructions are applicable to the following system.

System	SC-AKX12
Main unit	SA-AKX12
Speakers	SB-AKX12

Your system and the illustrations can look differently.

Do the procedures with the remote control. You can also use the buttons on the main unit if they are the same.

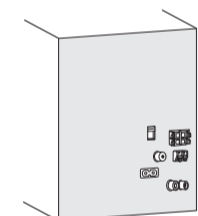
Note:
"EB" on the packaging indicates the United Kingdom.

Panasonic Corporation
Web Site: <http://panasonic.net>

EU
Pursuant to the directive 2004/108/EC, article 9(2)
Panasonic Testing Centre
Panasonic Marketing Europe GmbH
Winsberg 15, 22525 Hamburg, Germany



RQTX1291-B
L0111CH0



Back of product

CLASS 1 LASER PRODUCT

CAUTION	DO NOT OPEN THE COVER	DO NOT OPEN THE COVER
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WARNING	DO NOT OPEN THE COVER	DO NOT OPEN THE COVER
FORSAICHT	DO NOT OPEN THE COVER	DO NOT OPEN THE COVER
VARO	DO NOT OPEN THE COVER	DO NOT OPEN THE COVER
VORSICHT	DO NOT OPEN THE COVER	DO NOT OPEN THE COVER
ATTENTION	DO NOT OPEN THE COVER	DO NOT OPEN THE COVER
PRECAUCION	DO NOT OPEN THE COVER	DO NOT OPEN THE COVER

Inside of product

WARNING:
TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK OR PRODUCT DAMAGE,
• DO NOT EXPOSE THIS APPARATUS TO RAIN, MOISTURE, DRIPPING OR SPLASHING AND THAT NO OBJECTS FILLED WITH LIQUIDS, SUCH AS VASES, SHALL BE PLACED ON THE APPARATUS.
• USE ONLY THE RECOMMENDED ACCESSORIES.
• DO NOT REMOVE THE COVER (OR BACK); THERE ARE NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

CAUTION!
• DO NOT INSTALL OR PLACE THIS UNIT IN A BOOKCASE, BUILT-IN CABINET OR IN ANOTHER CONFINED SPACE. ENSURE THE UNIT IS WELL VENTILATED. TO PREVENT RISK OF ELECTRIC SHOCK OR FIRE HAZARD DUE TO OVERHEATING, ENSURE THAT CURTAINS AND ANY OTHER MATERIALS DO NOT OBSTRUCT THE VENTILATION VENTS.
• DO NOT OBSTRUCT THE UNIT'S VENTILATION OPENINGS WITH NEWSPAPERS, TABLECLOTHS, CURTAINS, AND SIMILAR ITEMS.
• DO NOT PLACE SOURCES OF NAKED FLAMES, SUCH AS LIGHTED CANDLES, ON THE UNIT.
• DISPOSE OF BATTERIES IN AN ENVIRONMENTALLY FRIENDLY MANNER.

CAUTION!
THIS PRODUCT UTILIZES A LASER. USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE. DO NOT OPEN COVERS AND DO NOT REPAIR YOURSELF. REFER SERVICING TO QUALIFIED PERSONNEL.

THIS UNIT IS INTENDED FOR USE IN MODERATE CLIMATES.

The socket outlet shall be installed near the equipment and easily accessible. The mains plug of the power supply cord shall remain readily operable. To completely disconnect this apparatus from the AC Mains, disconnect the power supply cord plug from AC receptacle.

This product may receive radio interference caused by mobile telephones during use. If such interference is apparent, please increase separation between the product and the mobile telephone.

MPEG Layer-3 audio coding technology licensed from Fraunhofer IIS and Thomson.

For the United Kingdom and Ireland

Sales and Support Information

Customer Care Centre
• For customers within the UK: 0844 844 3852
• For customers within Ireland: 01 289 8333
• Visit our website for product information www.panasonic.co.uk
• E-mail: customer.care@panasonic.co.uk

Direct Sales at Panasonic UK
• For customers: 0844 844 3856
• Order accessory and consumable items for your product with ease and confidence by phoning our Customer Care Centre Monday-Thursday 9:00 a.m.-5:30 p.m., Friday 9:30 a.m.-5:30 p.m. (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 Ltd.
• 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.

SAFETY PRECAUTIONS

Placement

Set the system up on an even surface away from direct sunlight, high temperatures, high humidity, and excessive vibration. These conditions can damage the cabinet and other components, thereby shortening the service life of the system.
Place it at least 15 cm away from wall surfaces to avoid distortion and unwanted acoustical effects.
Do not place heavy items on the system.

Voltage

Do not use high voltage power sources. This can overload the system and cause a fire.
Do not use a DC power source. Check the source carefully when setting the system up on a ship or other place where DC is used.

AC mains lead protection

Ensure the AC mains lead is connected correctly and not damaged. Poor connection and lead damage can cause fire or electric shock. Do not pull, bend, or place heavy items on the lead. Grasp the plug firmly when unplugging the lead. Pulling the AC mains lead can cause electric shock. Do not handle the plug with wet hands. This can cause electric shock.

Foreign matter

Do not let metal objects fall inside the system. This can cause electric shock or malfunction.
Do not let liquids get into the system. This can cause electric shock or malfunction. If this occurs, immediately disconnect the system from the power supply and contact your dealer.
Do not spray insecticides onto or into the system. They contain flammable gases which can ignite if sprayed into the system.

Service

Do not attempt to repair this system by yourself. If sound is interrupted, indicators fail to light, smoke appears, or any other problem that is not covered in these instructions occurs, disconnect the AC mains lead and contact your dealer or an authorized service center. Electric shock or damage to the system can occur if the system is repaired, disassembled or reconstructed by unqualified persons.
Extend operating life by disconnecting the system from the power source if it is not to be used for a long time.

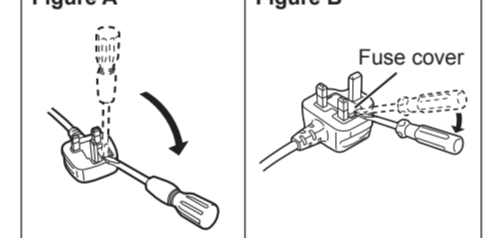
CAUTION FOR AC MAINS LEAD

For the United Kingdom

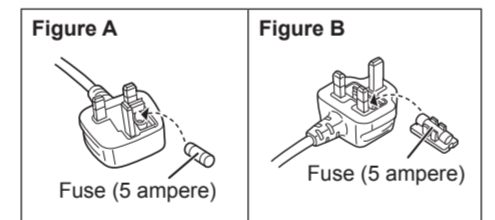
For your safety, please read the following text carefully.
This appliance is supplied with a moulded three pin mains plug for your safety and convenience. A 5-ampere fuse is fitted in this plug.
Should the fuse need to be replaced please ensure that the replacement fuse has a rating of 5-ampere and that 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.

The wire which is coloured Brown must be connected to the terminal which is marked with the letter L or coloured Brown or Red.
WARNING: DO NOT CONNECT EITHER WIRE TO THE EARTH TERMINAL WHICH IS MARKED WITH THE LETTER E, BY THE EARTH SYMBOL ± OR COLOURED GREEN OR GREEN/YELLOW. THIS PLUG IS NOT WATERPROOF—KEEP DRY.
Before use
Remove the connector cover.
How to replace the fuse
The location of the fuse differ according to the type of AC mains plug (figures A and B). Confirm the AC mains plug fitted and follow the instructions below. Illustrations may differ from actual AC mains plug.

1. Open the fuse cover with a screwdriver.



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



Information for Users on Collection and Disposal of Old Equipment and used Batteries

These symbols on the products, packaging, and/or accompanying documents mean that used electrical and electronic products and batteries should 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 and the Directives 2002/96/EC and 2006/66/EC.
By disposing of these products and batteries correctly, you will help to save valuable resources and prevent any potential negative effects on human health and the environment which could otherwise arise from inappropriate waste handling.
For more information about collection and recycling of old products and batteries, please contact your local municipality, your waste disposal service or the point of sale where you purchased the items.
Penalties may be applicable for incorrect disposal of this waste, in accordance with national legislation.

For business users in the European Union
If you wish to discard electrical and electronic equipment, please contact your dealer or supplier for further information.
[Information on Disposal in other Countries outside the European Union]
These symbols are only valid in the European Union. If you wish to discard these items, please contact your local authorities or dealer and ask for the correct method of disposal.
Note for the battery symbol (bottom two symbol examples):
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.

1 MAKING THE CONNECTIONS

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

Conserving power
The system consumes approximately 0.3 W 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.

Connect the antennas

Place the antenna where reception is best.

FM indoor antenna
Adhesive tape
FM ANT (75Ω)

FM outdoor antenna
FM ANT (75Ω)
75 Ω coaxial cable (not included)

AM loop antenna
AM ANT LOOP
Click!

For the United Kingdom
Use the antenna plug adaptor (included).

Note:
• If the radio reception is poor, use optional outdoor antenna. This antenna should be installed by a competent technician.
• Disconnect the outdoor antenna when the unit is not in use.
• Do not use the outdoor antenna during a lightning storm.
• Disconnect the FM indoor antenna.

Connect the AC mains lead

Use the included AC mains lead with this system only.
Do not use an AC mains lead from other equipment.

Connect the speakers

Red
Black

Be careful not to cross (short-circuit) or reverse the polarity of the speaker wires as doing so may damage the speakers.

Refer to "EXTERNAL EQUIPMENT" for more information on AUX connection.

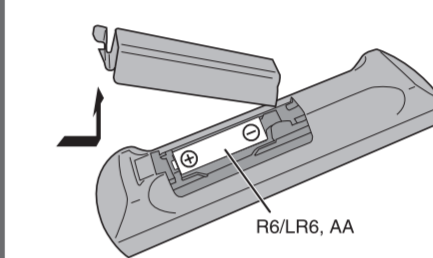
To household mains socket

2 PLACEMENT OF SPEAKERS

The right and left speakers are the same. You cannot remove the net of the speakers.
Use only the supplied speakers.
The combination of the main unit and speakers give the best sound. You can cause damage to the system and decrease the sound quality if you use other speakers.

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.

3 PREPARING THE REMOTE CONTROL



Use alkaline or manganese battery.

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

Point the remote control at the remote control sensor, away from obstacles, at a maximum range of 7 m directly in front of the main unit.

CAUTION!
• Do not break open or short-circuit the battery.
• Do not charge the alkaline or manganese battery.
• Do not use the battery if the cover has peeled off.
• Do not heat or expose to flame.
• Do not leave the battery(ies) in an automobile exposed to direct sunlight for a long period of time with doors and windows closed.
• Mishandling of battery can cause electrolyte leakage, which can cause a fire.
• Remove the battery if you do not use the remote control for a long period of time. Keep in a cool, dark area.

CAUTION!
Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type recommended by the manufacturer. Dispose of used batteries according to the manufacturer's instructions.

4 OVERVIEW OF CONTROLS

Refer to the numbers in parentheses for chapter references.

1 Standby/on switch [L], [O/I] (8, 12)
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 Numeric buttons [1 to 9, 0, ≥10]
To select a 2-digit number
Example: 16: [≥10] → [1] → [6]

3 Delete a programmed track (5)

4 Select source:
[USB]: Select USB (6)
[CD]: Select disc (5)
[RADIO, EXT-IN]: Select radio, USB or AUX (7, 10)

5 Basic operation
[▶/II]: Playback or pause operation
[■]: Stop playback
[◀], [▶]: Skip track
Select preset radio station
[◀◀], [▶▶]: Skip and search track
Select preset radio station

6 Select the sound effects (9)

7 Auto preset the radio station (7)

8 View the information shown on the display panel.
Decrease the brightness of the display panel
Press and hold the button to use this function. To cancel, press and hold the button again.

9 Set the sleep timer (8)
Set the clock and timer (8)

10 Set the program function (5, 7)

11 Adjust the volume of the system

12 Mute the sound of the system
Press the button again to cancel. "MUTE" is also cancelled when you adjust the volume or when you switch off the system

13 Set the play menu item (5)

14 Set the radio menu item (7)

15 [▲, ▼]: Skip album
Adjust clock setting
[◀, ▶]: Select the item in the menu
[OK]: Confirm the setting

16 Automatically switch off the system
When you are in disc or USB source, the auto off function switches off the system if you do not use the system for 30 minutes.
To cancel, press the button again.

17 Remote control sensor

18 USB port (+/-)

19 Display panel

20 Set the Manual EQ effect (9)

21 Browse tracks or albums
[CD]
Turn the knob to browse track. Press [▶/II] to start playback from the selection.
[MP3]
Press [ALBUM/TRACK] to select album or track and then turn the knob to browse. Press [▶/II] to start playback from the selection.

22 Open or close the disc tray

23 Disc tray

