

## Panasonic SA-AK18 SA-AK23 SA-AK24 SA-AK29

# Instruction Manual for Panasonic SA-AK18, SA-AK23, SA-AK24, SA-AK29 CD Stereo System

Model Numbers: SA-AK18, SA-AK23, SA-AK24, SA-AK29

## IMPORTANT SAFETY INSTRUCTIONS

Please read these operating instructions carefully before using your system. Follow all safety precautions to prevent electric shock, fire, or damage to the unit. Keep this manual for future reference.

- **Power Source:** Connect the unit only to the type of power source indicated on the unit's marking label.
- **Ventilation:** Do not block any ventilation openings. Ensure adequate space around the unit for proper airflow.
- **Water and Moisture:** Do not expose the unit to rain or moisture. Do not place objects filled with liquids, such as vases, on the unit.
- **Heat:** Keep the unit away from heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- **Cleaning:** Unplug the unit from the wall outlet before cleaning. Use a dry cloth only.
- **Servicing:** Do not attempt to service this product yourself. Refer all servicing to qualified service personnel.

## SETUP

### 1. Unpacking and Placement

Carefully remove the unit and all accessories from the packaging. Place the main unit on a flat, stable surface, ensuring proper ventilation around it.

### 2. Speaker Connection

Connect the speaker cables to the corresponding terminals on the main unit and the speakers. Ensure correct polarity (red to red, black to black) for optimal sound quality. Incorrect polarity can result in poor bass response.

*No product images are available for embedding in this section.*

### 3. Antenna Connection

- **FM Antenna:** Connect the supplied FM indoor antenna to the FM 75Ω coaxial terminal. Extend the antenna fully for best reception.
- **AM Antenna:** Connect the supplied AM loop antenna to the AM terminals. Rotate the antenna for optimal AM reception.

## 4. Power Connection

After all other connections are made, plug the AC power cord into a wall outlet. The unit will enter standby mode.

# OPERATING INSTRUCTIONS

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## 1. Basic Operation

- **Power On/Off:** Press the **POWER** button on the front panel or remote control to turn the unit on or off (standby).
- **Volume Control:** Rotate the **VOLUME** knob or use the **VOLUME +/-** buttons on the remote control to adjust the sound level.
- **Source Selection:** Press the **FUNCTION** or **SOURCE** button repeatedly to cycle through available sources (CD, Tuner, Tape, AUX).

## 2. CD Playback

1. Press the **CD** button to select the CD function.
2. Press the **OPEN/CLOSE** button to open the CD tray.
3. Place a CD with the label side up in the tray.
4. Press **OPEN/CLOSE** again to close the tray. Playback will start automatically or press **PLAY**.
5. Use **SKIP** buttons to skip tracks and **STOP** or **PAUSE** for playback control.

## 3. Radio Tuning

1. Press the **TUNER/BAND** button to select FM or AM.
2. Press the **TUNING +/-** buttons to manually tune to a station.
3. For automatic tuning, press and hold **TUNING +/-** until the frequency starts scanning.
4. To preset stations, tune to the desired station, then press **MEMORY** followed by a preset number button.

## 4. Cassette Playback (if applicable)

*Note: Some models in this series may not include a cassette deck.*

1. Press the **TAPE** button to select the cassette function.
2. Press the **OPEN/EJECT** button to open the cassette deck.
3. Insert a cassette tape.
4. Press **PLAY** to start playback.
5. Use **REWIND**, **FAST FORWARD**, **STOP**, and **PAUSE** for control.

*No official product videos are available for embedding in this section.*

# MAINTENANCE

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## Cleaning the Unit

- Wipe the exterior of the unit with a soft, dry cloth.
- For stubborn dirt, dampen the cloth with a mild detergent solution, then wipe dry.
- Do not use abrasive cleaners, benzene, thinner, or alcohol, as these can damage the finish.
- **CD Lens Cleaning:** Use a commercially available CD lens cleaner if CD playback issues occur due to a dirty lens.

## Storage

If the unit will not be used for an extended period, unplug the power cord from the wall outlet.

## TROUBLESHOOTING

Before requesting service, check the following points. If you are in doubt about any of the check points, or if the solutions indicated do not solve the problem, consult your dealer or a qualified service technician.

Problem	Solution
No power.	Ensure the AC power cord is securely plugged into the wall outlet. Check if the power outlet is functioning.
No sound.	Check speaker connections for correct polarity. Increase the volume level. Ensure the correct audio source is selected.
CD does not play.	Ensure the CD is inserted correctly with the label side up. Clean the CD if it is dirty or scratched. Try another CD.
Poor radio reception.	Adjust the position and orientation of the FM/AM antennas. If using an indoor antenna, try moving the unit to a different location.
Remote control does not work.	Replace the batteries in the remote control. Ensure there are no obstructions between the remote and the unit's sensor.

## SPECIFICATIONS

*Note: Specifications are subject to change without notice. Values are approximate.*

Feature	Detail
Power Output	Varies by model (e.g., SA-AK18: 20W x 2, SA-AK29: 50W x 2)
Frequency Response	20 Hz - 20 kHz (CD)
Tuner Frequency Range	FM: 87.9 - 107.9 MHz (200 kHz steps), AM: 530 - 1710 kHz (10 kHz steps)
Power Consumption	Operating: Approx. 50-100W (depending on model), Standby: Approx. 0.5W
Dimensions (W x H x D)	Main Unit: Approx. 250 x 330 x 300 mm (varies slightly by model)
Weight	Main Unit: Approx. 5-8 kg (varies by model)

## WARRANTY AND SUPPORT

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Warranty information for your Panasonic CD Stereo System is typically provided with the original purchase documentation. Please refer to those documents for details regarding warranty coverage, terms, and conditions. For technical support, service, or further inquiries, please contact Panasonic customer support or visit the official Panasonic website for your region. Keep your model number and serial number handy when contacting support. *This manual is a reprint and does not include specific warranty details or contact information for Panasonic.*

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