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Panasonic SA-AK960 CD Stereo System

Instruction Manual

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1. SAFETY INFORMATION

Please read these safety instructions carefully before operating your Panasonic SA-AK960 CD Stereo System. Keep this manual for future reference.

- **Power Source:** Connect the unit only to an AC outlet of the specified voltage.
- **Ventilation:** Ensure adequate ventilation. Do not block ventilation openings.
- **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.

2. PACKAGE CONTENTS

Verify that all items are included in the package:

- Main Unit (SA-AK960)
- Two Speaker Units
- Remote Control with Batteries
- FM Indoor Antenna
- AM Loop Antenna
- AC Power Cord
- Instruction Manual (this document)

3. SETUP

3.1 Speaker Connection

Connect the speaker wires to the corresponding terminals on the main unit and the speakers. Ensure correct polarity (+ to + and - to -) for optimal sound quality.

1. Identify the positive (red) and negative (black) terminals on both the main unit and the speakers.
2. Insert the red wire into the red terminal and the black wire into the black terminal for each speaker.
3. Ensure all connections are secure to prevent intermittent sound.

3.2 Antenna Connection

For optimal radio reception, connect the supplied antennas.

- **FM Antenna:** Connect the FM indoor antenna to the FM 75Ω coaxial terminal. Extend the wire for better reception.
- **AM Antenna:** Assemble the AM loop antenna and connect its wires to the AM terminals. Position it away from the main unit for best results.

3.3 Power Connection

After all other connections are made, plug the AC power cord into the main unit and then into a wall outlet.

4. OPERATING INSTRUCTIONS

4.1 Basic Operation

- **Power On/Off:** Press the **POWER** button on the main unit or remote control.
- **Volume Control:** Use the **VOLUME +/-** buttons on the remote or the volume knob on the main unit.
- **Source Selection:** Press the **FUNCTION** button repeatedly to cycle through CD, Tuner (FM/AM), and Tape.

4.2 CD Playback

1. Press the **FUNCTION** button to select "CD".
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.
5. Press the **PLAY** button to start playback.
6. Use **SKIP** buttons to change tracks and **STOP** or **PAUSE** for control.

4.3 Radio Tuning

1. Press the **FUNCTION** button to select "TUNER".
2. Press **BAND** to switch between FM and AM.
3. Use the **TUNING +/-** buttons to manually tune to a station.
4. Press and hold **TUNING +/-** for automatic scanning.
5. To preset a station, tune to the desired frequency, then press **MEMORY** followed by a preset number button.

4.4 Cassette Tape Playback/Recording

1. Press the **FUNCTION** button to select "TAPE".
2. Press the **OPEN/EJECT** button to open the cassette deck.

3. Insert a cassette tape.
4. Press **PLAY** to start playback.
5. To record, select the desired source (CD or Tuner), then press **RECORD** and **PLAY** simultaneously on the tape deck.

5. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your stereo system.

- **Cleaning the Unit:** Wipe the exterior of the unit with a soft, dry cloth. Do not use abrasive cleaners, waxes, or solvents.
- **CD Lens Cleaning:** Use a commercially available CD lens cleaner disc periodically to maintain optimal CD playback.
- **Cassette Deck Maintenance:** Clean the tape heads, pinch rollers, and capstans with a cotton swab lightly moistened with isopropyl alcohol after every 10-20 hours of use.
- **Storage:** If storing the unit for an extended period, unplug it from the power outlet and cover it to protect from dust.

6. TROUBLESHOOTING

Refer to this section for solutions to common issues. If the problem persists, contact customer support.

Problem	Possible Cause	Solution
No power	Power cord not connected; Power outlet faulty	Ensure power cord is securely plugged in; Try a different outlet
No sound	Volume too low; Speakers not connected; Incorrect source selected	Increase volume; Check speaker connections; Select correct function (CD, Tuner, Tape)
CD skips or does not play	CD dirty or scratched; CD inserted incorrectly; Lens dirty	Clean CD with a soft cloth; Insert CD label-side up; Use a CD lens cleaner
Poor radio reception	Antenna not connected or positioned poorly; Interference	Connect and adjust antenna position; Move unit away from other electronic devices
Cassette tape not playing	Tape inserted incorrectly; Tape heads dirty	Ensure tape is fully inserted; Clean tape heads

7. SPECIFICATIONS

Technical specifications for the Panasonic SA-AK960 CD Stereo System.

- **Power Output:** 100W + 100W (RMS, 1kHz, 6Ω, 10% THD) *(Example value)*
- **Frequency Response:** 20 Hz - 20 kHz
- **CD Player:** Single disc, CD-R/RW playback compatible
- **Tuner:** Digital Synthesizer Tuner (FM/AM) with 30 FM / 15 AM presets
- **Cassette Deck:** Full Logic Auto-Reverse
- **Inputs:** AUX In (RCA)
- **Outputs:** Headphone (3.5mm)
- **Power Supply:** AC 120V, 60Hz *(Example value)*

- **Dimensions (Main Unit):** Approx. 250 x 330 x 300 mm (W x H x D)(*Example value*)
- **Weight (Main Unit):** Approx. 7.5 kg (*Example value*)

Note: Specifications are subject to change without notice.

8. WARRANTY AND SUPPORT

Limited Warranty: Panasonic warrants this product against defects in material and workmanship for a period of one (1) year from the date of original purchase. This warranty is valid only for the original purchaser and is not transferable.

What is Covered: Parts and labor for repair or replacement of defective components.

What is Not Covered: Damage caused by accident, misuse, abuse, neglect, unauthorized product modification, improper installation, or failure to follow instructions in this manual. Normal wear and tear, cosmetic damage, and damage during shipment are also not covered.

Customer Support: For technical assistance, warranty service, or to order replacement parts, please contact Panasonic Customer Service:

- **Website:** www.panasonic.com/support
- **Phone:** 1-800-XXX-XXXX (Toll-Free) (*Example number*)
- **Email:** support@panasonic.com (*Example email*)

Please have your model number (SA-AK960) and proof of purchase ready when contacting support.

