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> ONKYO CR-185 CD Tuner Amplifier User Manual

ONKYO CR-185

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Model: CR-185

1. INTRODUCTION

This manual provides essential instructions for the safe and efficient operation of your ONKYO CR-185 CD Tuner Amplifier. The CR-185 is a compact audio system designed to play compact discs and receive radio broadcasts. This unit is sold as a center unit only; speakers are not included and must be connected separately.



Image 1.1: Front view of the ONKYO CR-185 CD Tuner Amplifier. This image shows the main unit with its CD tray, display, and control buttons.

2. SAFETY INFORMATION

Please read all safety instructions carefully before operating the unit. Keep this manual for future reference.

- **Power Source:** Connect the unit only to an AC 100V, 50/60Hz power supply. Ensure the power cord is securely plugged into a wall outlet.
- **Ventilation:** Do not block any ventilation openings. Allow adequate space around the unit for proper airflow to prevent overheating.
- **Water and Moisture:** Do not expose the unit to rain, moisture, or dripping/splashing liquids. Do not place objects filled with liquids, such as vases, on the unit.
- **Foreign Objects:** Do not insert any objects into the unit's openings, as they may touch dangerous voltage points or short-out parts.
- **Servicing:** Do not attempt to service this unit yourself. Refer all servicing to qualified service personnel.
- **Cleaning:** Unplug the unit from the wall outlet before cleaning. Use a dry cloth only.

3. PACKAGE CONTENTS

Verify that your package contains the following items:

- ONKYO CR-185 CD Tuner Amplifier (Main Unit)
- Power Cord
- Remote Control
- FM Indoor Antenna
- AM Loop Antenna
- User Manual (this document)

Note: Speakers are not included with this unit and must be purchased separately.

4. SETUP

4.1 Placement

Place the CR-185 on a stable, level surface away from direct sunlight, heat sources, and excessive dust or vibration. Ensure there is adequate space around the unit for ventilation.

4.2 Speaker Connection

Connect your passive speakers to the speaker terminals on the rear of the CR-185. Ensure correct polarity (positive to positive, negative to negative) for each speaker. Use appropriate speaker wire for optimal sound quality.

1. Strip approximately 10-15mm of insulation from the ends of your speaker wires.
2. Twist the bare wire strands tightly to prevent short circuits.
3. Press down the lever on the speaker terminal, insert the bare wire, and release the lever to secure the connection.
4. Repeat for all speaker terminals, ensuring left and right channels are correctly connected.

4.3 Antenna Connection

For optimal radio reception, connect the supplied FM and AM antennas.

- **FM Antenna:** Connect the FM indoor antenna to the FM antenna terminal on the rear panel. Extend the wire for better reception.
- **AM Antenna:** Assemble the AM loop antenna and connect its two wires to the AM antenna terminals on the rear panel. Position the loop antenna for best reception.

4.4 Power Connection

After all other connections are made, plug the supplied power cord into the AC IN jack on the rear of the unit, then plug the other end into a wall outlet.

5. OPERATING INSTRUCTIONS

5.1 Basic Operation

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

5.2 CD Playback

1. Press the **FUNCTION** button to select the CD input.
2. Press the **OPEN/CLOSE** button to open the CD tray.
3. Place a CD with the label side up into the tray.
4. Press **OPEN/CLOSE** again to close the tray. The CD will begin playing automatically.
5. Use the **PLAY/PAUSE** button to pause or resume playback.
6. Use the **SKIP (▶▶| / |◀◀)** buttons to skip tracks.
7. Press the **STOP** button to stop playback.

5.3 Tuner Operation

1. Press the **FUNCTION** button to select the Tuner input.
2. Press the **BAND** button to switch between FM and AM bands.
3. Use the **TUNING (+/-)** buttons to manually tune to a station.
4. To automatically scan for stations, press and hold the **TUNING (+/-)** buttons.
5. **Preset Stations:** To store a station, tune to the desired frequency, then press **MEMORY** followed by a preset number button. To recall a preset, simply press the corresponding preset number button.

5.4 Connecting External Devices (AUX)

You can connect an external audio device (e.g., smartphone, MP3 player) to the CR-185 using an audio cable (not supplied).

1. Connect one end of a stereo audio cable (3.5mm or RCA, depending on your device) to the output jack of your external device.

2. Connect the other end of the cable to the **AUX IN** jacks on the rear of the CR-185.
3. Press the **FUNCTION** button to select the AUX input.
4. Start playback on your external device.

6. MAINTENANCE

6.1 Cleaning the Unit

Wipe the exterior of the unit with a soft, dry cloth. For stubborn stains, lightly dampen the cloth with water or a mild, non-abrasive cleaner. Do not use harsh chemicals or abrasive materials.

6.2 CD Care

Handle CDs by their edges. Keep them clean and free from scratches. Store CDs in their cases when not in use.

7. TROUBLESHOOTING

If you experience problems with your CR-185, refer to the following table for possible solutions.

Problem	Possible Cause	Solution
No power	Power cord not connected; Power outage	Ensure power cord is securely plugged in; Check household circuit breaker
No sound	Volume too low; Speakers not connected; Incorrect input selected	Increase volume; Check speaker connections; Select correct input source
CD not playing	CD inserted incorrectly; CD dirty or scratched; CD tray not closed	Insert CD correctly (label side up); Clean or replace CD; Close CD tray completely
Poor radio reception	Antenna not connected or poorly positioned; Interference	Connect and adjust antenna position; Move unit away from other electronic devices

If the problem persists after trying these solutions, please contact ONKYO customer support.

8. SPECIFICATIONS

Brand	ONKYO
Model Number	CR-185 (also referred to as CR-185X)
Type	CD Tuner Amplifier
Power Output	25 W per channel
Channels	2
Power Supply	AC 100V, 50/60Hz, 40W
Control Method	Remote Control

Compatible Devices	Speakers
Product Weight	600 grams
Color	Silver

Specifications are subject to change without notice for improvement.

9. WARRANTY AND SUPPORT

For warranty information, please refer to the warranty card included with your product or visit the official ONKYO website. For technical support, service, or inquiries, please contact your local ONKYO authorized dealer or customer service center.

Keep your purchase receipt as proof of purchase for warranty claims.