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Sony CFD-S70

Sony CFD-S70 CD/Radio Cassette-Corder User Manual

Model: CFD-S70

Important Safety Instructions

Please read these instructions carefully before operating the unit and retain them for future reference.

- Do not expose the unit to rain or moisture.
- Do not open the cabinet. Refer servicing to qualified personnel only.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- Protect the power cord from being walked on or pinched.
- Unplug this apparatus during lightning storms or when unused for long periods of time.

Introduction

The Sony CFD-S70 is a portable CD/Radio Cassette-Corder designed for versatile audio playback. Enjoy your favorite music from CDs, cassette tapes, FM/AM radio broadcasts, or connect an external audio device via the AUX input.

Features

- CD Player (CD-R/RW and MP3 CD compatible)
- Cassette Player and Recorder
- FM/AM Tuner with digital display
- AUX Audio Input for external devices
- MEGA BASS for enhanced low-frequency sound
- Sleep Timer function
- Portable design with AC and battery power options

Parts and Controls

Familiarize yourself with the various parts and controls of your Sony CFD-S70 unit.



Figure 1: Front view of the Sony CFD-S70 CD/Radio Cassette-Corder, showing the main controls, display, speakers, and overall dimensions. The unit measures approximately 31cm wide, 14cm high, and 21.2cm deep.

Front Panel Controls:

- **POWER (U) Button:** Turns the unit on or off.
- **FUNCTION Selector:** Switches between CD, RADIO (FM/AM), and TAPE/AUX modes.
- **VOLUME +/-:** Adjusts the sound level.
- **TUNING +/-:** Adjusts radio frequency.
- **PRESET Buttons (1-3):** Store and recall favorite radio stations.
- **DISPLAY/ENTER Button:** Changes display information or confirms settings.
- **CD PLAY/PAUSE (u/II) Button:** Starts or pauses CD playback.
- **CD STOP (x) Button:** Stops CD playback.
- **PLAY MODE Button:** Selects CD playback modes (e.g., repeat, shuffle).
- **AUDIO IN Jack:** Connects external audio devices.
- **MEGA BASS Button:** Activates or deactivates bass boost.
- **Cassette Control Buttons:** Play, Stop/Eject, Fast Forward, Rewind, Record.
- **LCD Display:** Shows current function, time, frequency, and track information.

Rear Panel:

- **AC IN Jack:** Connects the AC power cord.
- **Battery Compartment:** Holds batteries for portable use.

Top Panel:

- **CD Compartment:** For loading audio CDs.
- **Telescopic Antenna:** For FM radio reception.

Setup

Powering the Unit

Using AC Power:

1. Connect the supplied AC power cord to the AC IN jack on the rear of the unit.
2. Plug the other end of the power cord into a wall outlet.

Using Batteries:

1. Open the battery compartment cover on the rear of the unit.
2. Insert six (6) R14 (size C) batteries (not supplied) with the correct polarity (+/-) as indicated inside the compartment.
3. Close the battery compartment cover securely.
4. *Note:* Remove batteries if the unit will not be used for a long period to prevent leakage.

Antenna Setup

For optimal FM reception, fully extend the telescopic antenna. For AM reception, rotate the unit itself for the best signal, as it uses a built-in ferrite bar antenna.

Operating Instructions

Radio Operation

1. Press the **POWER** button to turn on the unit.
2. Set the **FUNCTION** selector to **RADIO**.
3. Press the **FM/AM** button (if available, or cycle through bands with FUNCTION) to select the desired band (FM or AM).
4. Use the **TUNING +/-** buttons to tune to the desired station. Hold the button down for automatic scanning.
5. Adjust the **VOLUME +/-** to a comfortable listening level.

Storing and Recalling Preset Stations:

1. Tune to the desired station.
2. Press and hold one of the **PRESET** buttons (1, 2, or 3) until the preset number flashes on the display. The station is now stored.
3. To recall a stored station, simply press the corresponding **PRESET** button briefly.

CD Player Operation

1. Press the **POWER** button to turn on the unit.
2. Set the **FUNCTION** selector to **CD**.
3. Open the CD compartment cover by gently lifting it.
4. Place a CD with the label side facing up.
5. Close the CD compartment cover securely. The display will show "Reading" and then the total number of tracks.
6. Press the **CD PLAY/PAUSE (u/II)** button to start playback.
7. Press **CD PLAY/PAUSE (u/II)** again to pause playback; press it again to resume.
8. Press the **CD STOP (x)** button to stop playback.
9. Use the **TUNING +/-** buttons (often labeled as Skip/Search for CD) to skip tracks. Press briefly to skip to the next/previous track. Hold to fast forward/rewind within a track.
10. Press the **PLAY MODE** button to cycle through playback options like Repeat 1, Repeat All, or Shuffle (if available).

Cassette Player/Recorder Operation

1. Press the **POWER** button to turn on the unit.
2. Set the **FUNCTION** selector to **TAPE/AUX**.
3. Press the **STOP/EJECT** button to open the cassette compartment.
4. Insert a cassette tape with the open side facing down and the desired side (A or B) facing forward.
5. Close the cassette compartment.
6. Press the **PLAY** button to start playback.
7. Use **FAST FORWARD** or **REWIND** buttons to navigate the tape.
8. Press **STOP/EJECT** to stop playback or eject the tape.

Recording to Cassette:

You can record from CD, Radio, or an external device connected to the AUX IN jack.

1. Insert a blank or recordable cassette tape into the compartment.
2. Select the desired source (CD, RADIO, or AUX) using the **FUNCTION** selector.
3. Start playback on the source (e.g., play a CD, tune to a radio station, start playing from an AUX device).
4. Press the **RECORD** button (usually red) on the cassette controls. The **PLAY** button will also engage simultaneously. Recording will begin.
5. To stop recording, press the **STOP/EJECT** button.

Using the AUX Input

1. Connect an audio cable (not supplied) from the headphone jack or line-out jack of your external device (e.g., MP3 player, smartphone) to the **AUDIO IN** jack on the CFD-S70.
2. Set the **FUNCTION** selector to **TAPE/AUX**.
3. Start playback on your external device.
4. Adjust the volume on both the CFD-S70 and your external device for optimal sound.

MEGA BASS Function

Press the **MEGA BASS** button to enhance the bass response for a richer, deeper sound. Press it again to turn off the function.

Sleep Timer Function

The sleep timer allows the unit to turn off automatically after a set period.

1. While the unit is on, press the **SLEEP** button (if available, or DISPLAY/ENTER might cycle through sleep options).
2. Each press will cycle through available sleep times (e.g., 90 min, 60 min, 30 min, 15 min, Off).
3. The unit will automatically turn off after the selected time.

Maintenance

Cleaning the Unit

- Wipe the exterior of the unit with a soft, dry cloth. For stubborn stains, use a cloth lightly dampened with a mild detergent solution, then wipe dry.
- Do not use abrasive pads, scouring powder, or solvents such as alcohol or benzene, as these may damage the finish.

Cleaning the CD Lens

If the CD lens gets dirty, it can cause playback errors. Use a commercially available CD lens cleaner to clean the lens.

Cassette Head Cleaning

Regularly clean the tape heads, pinch rollers, and capstans with a cotton swab lightly moistened with tape head cleaning fluid to ensure optimal sound quality and prevent tape damage.

Battery Care

- Remove batteries if the unit will not be used for an extended period to prevent leakage and corrosion.
- Do not mix old and new batteries, or different types of batteries.

Troubleshooting

If you experience problems with your unit, check the following points before seeking service.

Problem	Solution
No power.	• Check if the AC power cord is securely connected. • If using batteries, ensure they are inserted correctly and are not depleted.
No sound or very low sound.	• Adjust the VOLUME. • If using AUX IN, check the volume on the connected device.
CD does not play or skips.	• Ensure the CD is clean and free of scratches. • Place the CD with the label side up. • Clean the CD lens.
Poor radio reception.	• Extend the FM telescopic antenna fully. • For AM, rotate the unit for better reception. • Move the unit away from other electronic devices that may cause interference.
Cassette tape does not play or sound is distorted.	• Ensure the tape is inserted correctly. • Clean the tape heads, pinch rollers, and capstans. • Check if the tape is tangled or damaged.

Specifications

- **Power Requirements:** AC 230V, 50Hz or 6 x R14 (size C) batteries
- **Power Consumption:** 3.4 W
- **Frequency Range:** FM: 87.5 - 108 MHz; AM: 531 - 1602 kHz
- **Speaker:** 2 x Full Range
- **Audio Output:** Stereo
- **Supported Audio Formats:** CD audio, MP3
- **Dimensions (W x H x D):** Approx. 310 mm x 140 mm x 212 mm (12.2 in x 5.5 in x 8.3 in)

- **Weight:** Approx. 2 kg (4 lb 6 oz) (without batteries)
- **Inputs:** AUDIO IN (stereo mini jack)
- *Specifications are subject to change without notice.*

Warranty and Support

For warranty information and customer support, please refer to the warranty card included with your product or visit the official Sony support website for your region. Keep your proof of purchase for warranty claims.
Sony Support Website: www.sony.com/electronics/support

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