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## Sangean DCR-89+

# SANGEAN DCR-89+ DAB+ FM-RDS Clock Radio User Manual

Model: DCR-89+ (A500209)

## INTRODUCTION

The Sangean DCR-89+ is a compact digital clock radio designed for reliable performance and ease of use. It features DAB+ and FM-RDS tuning, a dual alarm clock, and a sleep timer. The device automatically synchronizes its time with DAB+ or RDS-CT signals, ensuring accurate timekeeping. This manual provides detailed instructions for setup, operation, and maintenance of your DCR-89+ radio.

## SAFETY INSTRUCTIONS

- Do not expose the unit to rain or moisture to prevent fire or electric shock.
- Avoid placing the unit in direct sunlight or near heat sources.
- Ensure proper ventilation; do not block ventilation openings.
- Use only the power adapter supplied with the unit.
- Do not attempt to service the unit yourself. Refer all servicing to qualified personnel.
- Keep the unit away from strong magnetic fields.

## PACKAGE CONTENTS

Verify that all items are present in the package:

- Sangean DCR-89+ DAB+ FM-RDS Clock Radio
- Power Adapter
- User Manual

## PRODUCT OVERVIEW

### Front Panel and Display



**Image:** Front view of the Sangean DCR-89+ radio, highlighting its large, blue-backlit LCD display. The display shows station information and time, with 'Digital Radio' and 'DAB+' logos visible on the left and right sides respectively.

The front panel features a clear LCD display with blue backlighting, showing current time, station information, and other operational details. The display is designed for easy readability.

### Top Panel Controls



**Image:** Top view of the Sangean DCR-89+ radio, illustrating the speaker grille and control buttons. Buttons include ALARM, SLEEP, STATION PRESETS (1-5), BAND, MENU/INFO, STANDBY, TUNING controls, and SELECT.

The top panel houses the main control buttons and the integrated speaker. Key controls include:

- **ALARM:** For setting and managing alarms.
- **SLEEP:** Activates the sleep timer function.
- **STATION PRESETS (1-5):** Quick access to stored radio stations.
- **BAND:** Switches between DAB+ and FM radio bands.
- **MENU/INFO:** Accesses menu options and displays station information.
- **STANDBY (Power button):** Turns the unit on or off.
- **TUNING (- / +):** Adjusts frequency or navigates menu options.
- **SELECT:** Confirms selections in the menu.
- **SNOOZE:** Temporarily silences the alarm.

## Rear and Side Connections



**Image:** Side view of the Sangean DCR-89+ radio, showing the AUX-in and Line-out ports, typically located on the rear or side for external device connectivity.

The unit includes an AUX-in port for connecting external audio devices and a Line-out port for connecting to other audio systems.

## SETUP

1. **Power Connection:** Connect the supplied power adapter to the DC IN jack on the back of the radio and then plug it into a wall outlet.
2. **Antenna:** Extend the telescopic antenna fully for optimal DAB+ and FM reception.
3. **Initial Power On:** Press the **STANDBY** button. The radio will perform an initial scan for DAB+ stations and set the time automatically.
4. **Time Synchronization:** The DCR-89+ automatically synchronizes its time using the DAB+ or RDS-CT signal. No manual time setting is typically required.

### Powering On/Off

- Press the **STANDBY** button to turn the radio on or off.

### Radio Tuning (DAB+/FM)

1. **Select Band:** Press the **BAND** button to switch between DAB+ and FM modes.
2. **DAB+ Tuning:**
  - In DAB+ mode, the radio will automatically scan for available stations.
  - Use the **TUNING (- / +)** buttons to scroll through the list of available DAB+ stations.
  - Press **SELECT** to listen to the chosen station.
3. **FM Tuning:**
  - In FM mode, press and hold the **TUNING (- / +)** buttons to automatically scan for the next available station.
  - Press the **TUNING (- / +)** buttons briefly to manually adjust the frequency step by step.
4. **Storing Presets:**
  - Tune to your desired station.
  - Press and hold one of the **STATION PRESET (1-5)** buttons until the display confirms the station is saved.
5. **Recalling Presets:**
  - Briefly press the desired **STATION PRESET (1-5)** button to recall a stored station.

### Setting Alarms

The DCR-89+ supports dual alarms.

1. Press and hold the **ALARM** button.
2. Use the **TUNING (- / +)** buttons to select Alarm 1 or Alarm 2, then press **SELECT**.
3. Follow the on-screen prompts to set the alarm time, source (Buzzer, DAB+, or FM), and volume. Use **TUNING (- / +)** to adjust values and **SELECT** to confirm each setting.
4. To activate or deactivate an alarm, briefly press the **ALARM** button and use **TUNING (- / +)** to toggle the alarm on/off, then press **SELECT**.
5. When an alarm sounds, press the **SNOOZE** button to temporarily silence it. Press **STANDBY** to turn off the alarm completely.

### Sleep Timer

The sleep timer allows you to fall asleep to music, with the radio automatically turning off after a set period.

1. Press the **SLEEP** button repeatedly to cycle through available sleep timer durations (e.g., 15, 30, 45, 60 minutes, or OFF).
2. The display will show the selected sleep time. The radio will automatically turn off after this duration.

### Connecting External Devices (AUX-in)

1. Connect an audio cable (not supplied) from the headphone jack or line-out of your external device

(e.g., MP3 player, smartphone) to the **AUX-IN** port on the DCR-89+.

2. Press the **BAND** button until 'AUX' or 'Line In' is displayed.
3. Adjust the volume on both the DCR-89+ and your external device.

## MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the surface of the radio. Do not use abrasive cleaners or solvents.
- **Antenna Care:** Handle the telescopic antenna carefully to avoid bending or breaking.
- **Storage:** If storing the unit for an extended period, disconnect it from the power outlet.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	Power adapter not connected or faulty outlet.	Check power adapter connection. Try a different power outlet.
Poor radio reception	Antenna not extended or poor signal area.	Fully extend the telescopic antenna. Reposition the radio for better reception. Perform a full scan for DAB+ stations.
Alarm does not sound	Alarm not activated or volume too low.	Ensure the alarm is set and activated. Check alarm volume settings.
Display is blank	Unit is off or display brightness is set too low.	Press the STANDBY button to turn on. Adjust display brightness in the menu settings.

## SPECIFICATIONS



**Image:** A perspective view of the Sangean DCR-89+ radio with its key dimensions labeled: 17.2 cm (length), 14 cm (width), and 5.5 cm (height).

- **Model:** DCR-89+ (A500209)
- **Tuner:** DAB+, FM-RDS

- **Display:** LCD with blue backlight
- **Alarms:** Dual alarm (Buzzer, DAB+, FM)
- **Sleep Timer:** Yes
- **Connections:** AUX-in, Line-out
- **Power Source:** AC power adapter
- **Dimensions (W x H x D):** Approximately 17.2 x 5.5 x 14.15 cm
- **Weight:** Approximately 530 g
- **Material:** Plastic

## WARRANTY AND SUPPORT

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Sangean products are manufactured to high quality standards. For warranty information and technical support, please refer to the warranty card included with your product or visit the official Sangean website. Keep your purchase receipt as proof of purchase.