

Denver DAB-30

Denver DAB-30 DAB/FM Radio with Alarm Clock Function User Manual

Model: DAB-30 (951369)

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1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, and maintenance of your Denver DAB-30 DAB/FM Radio with Alarm Clock Function. Please read this manual thoroughly before using the device to ensure proper functionality and to prevent damage.

The Denver DAB-30 is a versatile radio featuring DAB+ digital radio and FM radio reception, a dual alarm system, and a clear Dot Matrix LCD display. It can be powered via an AC adapter or AA batteries for portable use.

2. SAFETY INFORMATION

- Do not expose the unit to rain or moisture to prevent fire or electric shock.
- Do not expose the unit to direct sunlight or extreme temperatures.
- Ensure proper ventilation around the unit. Do not block ventilation openings.
- Use only the specified power adapter or batteries.
- Do not attempt to disassemble or modify the unit. Refer all servicing to qualified personnel.
- Keep the unit away from strong magnetic fields.
- Dispose of batteries responsibly according to local regulations.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- Denver DAB-30 DAB/FM Radio Unit
- Power Adapter (AC/DC)
- Instruction Manual
- Headphones (as per product specifications, though not always included in all regions/packages)

4. PRODUCT OVERVIEW

4.1 Front Panel and Controls



Figure 1: Front view of the Denver DAB-30 radio, showing the speaker grille, Dot Matrix LCD display, and control buttons. The display shows "Radio Alfa Aa Playing".



Figure 2: An angled front view of the Denver DAB-30 radio, highlighting the black finish and the telescopic antenna extended upwards.

- **Dot Matrix LCD Display:** Shows station information, time, and menu options.
- **MODE Button:** Switches between DAB and FM radio modes.
- **SCAN Button:** Initiates automatic station scanning.
- **ALARM Button:** Accesses alarm settings.
- **MENU/INFO Button:** Enters menu settings or displays station information.
- **VOLUME/SELECT Knob:** Rotates to adjust volume or navigate menus; presses to select.
- **PREV Button:** Navigates to the previous station or menu item.
- **NEXT Button:** Navigates to the next station or menu item.
- **SNOOZE Button:** Activates snooze function for alarms.
- **PRESET Button:** Accesses or saves radio station presets.

4.2 Rear Panel and Connections



Figure 3: Rear view of the Denver DAB-30 radio, showing the DC IN port, LINE IN port, headphone output, and the extended telescopic antenna.



Figure 4: Rear view of the Denver DAB-30 radio with the battery compartment cover removed, revealing the slots for AA batteries.

- **DC IN Port:** Connect the provided AC power adapter here.
- **LINE IN Port:** For connecting external audio devices (e.g., MP3 player).
- **Headphone Output (3.5mm):** For private listening with headphones.
- **Telescopic Antenna:** Extend for optimal DAB/FM reception.
- **Battery Compartment:** Holds AA batteries for portable power.

4.3 Product Dimensions



Figure 5: The Denver DAB-30 radio with its approximate dimensions: 20cm (length), 14cm (width), and 12cm (height).

5. SETUP

5.1 Powering the Unit

The Denver DAB-30 can be powered by either the included AC adapter or AA batteries.

1. **AC Power:** Connect the AC adapter to the DC IN port on the rear of the radio, then plug the adapter into a standard wall outlet.
2. **Battery Power:** Open the battery compartment on the rear of the radio (refer to Figure 4). Insert 4 x AA batteries (not included), ensuring correct polarity (+/-). Close the battery compartment cover securely.

5.2 Antenna Adjustment

For optimal radio reception, fully extend the telescopic antenna located on the rear of the unit. Adjust its position for the best signal quality.

5.3 Initial Scan (DAB)

Upon first power-on, the radio will typically perform an automatic scan for DAB stations. If not, or if you wish to rescan:

1. Ensure the radio is in DAB mode (press **MODE** if necessary).
2. Press the **SCAN** button. The radio will search for available DAB stations and store them.

6. OPERATION

6.1 DAB Radio Mode

1. Press the **MODE** button until "DAB" is displayed.
2. Use the **PREV** or **NEXT** buttons to cycle through available DAB stations.
3. Adjust volume using the **VOLUME/SELECT** knob.
4. **Saving Presets:**
 - a. Tune to the desired station.
 - b. Press and hold the **PRESET** button.
 - c. Rotate the **VOLUME/SELECT** knob to choose a preset number (1-20).
 - d. Press the **VOLUME/SELECT** knob to confirm.
5. **Recalling Presets:** Press the **PRESET** button briefly, then use **PREV** or **NEXT** to select the desired preset, and press **VOLUME/SELECT** to confirm.

6.2 FM Radio Mode

1. Press the **MODE** button until "FM" is displayed.
2. **Automatic Scan:** Press the **SCAN** button to automatically search for and store FM stations.
3. **Manual Tuning:** Use the **PREV** or **NEXT** buttons to fine-tune the frequency.
4. Adjust volume using the **VOLUME/SELECT** knob.
5. **Saving Presets:** Follow the same procedure as for DAB radio.
6. **Recalling Presets:** Follow the same procedure as for DAB radio.

6.3 Setting the Alarm Clock

The Denver DAB-30 features a dual alarm system.

1. Press the **ALARM** button.
2. Rotate the **VOLUME/SELECT** knob to select "Alarm 1" or "Alarm 2", then press to confirm.
3. Follow the on-screen prompts to set:
 - **Time:** Rotate and press the knob to set hours and minutes.
 - **Source:** Choose "Buzzer", "DAB", or "FM". If DAB/FM, select a preset station.
 - **Volume:** Set the desired alarm volume.
 - **Frequency:** Select "Daily", "Weekdays", "Weekends", or "Once".
 - **Status:** Enable or disable the alarm.
4. When an alarm sounds, press the **SNOOZE** button to temporarily silence it. Press any other button to turn off the alarm.

6.4 Headphone Use

Connect 3.5mm headphones to the headphone output jack on the rear of the unit for private listening. The internal speaker will be muted automatically.

6.5 LINE IN Function

Connect an external audio source (e.g., smartphone, MP3 player) to the LINE IN port using a 3.5mm audio cable (not included). Press the **MODE** button to select LINE IN mode to play audio from the connected device through the radio's speaker.

7. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the radio. Do not use abrasive cleaners or solvents.
- **Storage:** If storing the radio for an extended period, remove the batteries to prevent leakage.
- **Antenna Care:** Handle the telescopic antenna gently to avoid bending or breaking.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	AC adapter not connected; batteries depleted or incorrectly inserted.	Check AC adapter connection; replace batteries or ensure correct polarity.
Poor radio reception	Antenna not extended; weak signal area; interference.	Fully extend and adjust antenna; move radio to a different location; perform a new scan.
No sound from speaker	Volume too low; headphones connected; mute activated.	Increase volume; disconnect headphones; check if mute is active.
Alarm does not sound	Alarm not enabled; incorrect time setting; volume too low.	Verify alarm settings (enabled, time, volume); ensure correct time is set on the radio.

9. SPECIFICATIONS

Brand	Denver
Model Number	DAB-30 (951369)
Tuner Technology	DAB+, FM
Radio Bands Supported	DAB (174-240MHz), FM (88-108MHz)
Display Type	Dot Matrix LCD with backlight
Audio Output Power	1W RMS
Headphone Output	3.5mm Jack
Connectivity Technology	Auxiliary (LINE IN)
Power Source	AC Adapter (DC 6V/1A) or 4 x AA Batteries
Product Dimensions	Approx. 14L x 12W x 20H cm
Material Type	Wood (cabinet)

10. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the warranty card included with your product or visit the official Denver Electronics website. Contact details for customer service can typically be found on the manufacturer's website or in the product packaging.

Manufacturer: Denver Electronics A/S

Website: www.denver-electronics.com

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