

Benss BRBD06

Benss BRBD06 Digital Radio User Manual

Model: BRBD06

1. INTRODUCTION

Thank you for choosing the Benss BRBD06 Digital Radio. This portable multi-band receiver is designed to provide clear reception of FM, AM, and Shortwave (SW) broadcasts, featuring a digital display, alarm clock, and sleep timer functions. Its compact size and battery operation make it ideal for both indoor and outdoor use. Please read this manual thoroughly before operating the device to ensure proper use and to maximize its performance.

2. KEY FEATURES

- **Multi-Band Reception:** Supports FM (87-108MHz), AM (522-1620KHz), and Shortwave (3.00-21.85MHz) bands for a wide range of listening options.
- **Advanced DSP Chip:** Ensures stable signal reception and effective noise filtering for clear audio.
- **Digital LCD Display:** Clear screen with backlight for easy viewing of frequency, time, and other settings.
- **Alarm Clock Function:** Set an alarm to wake up to your favorite radio station.
- **Sleep Timer:** Program the radio to automatically turn off after 10-90 minutes, perfect for falling asleep to music or talk radio.
- **Battery Operated:** Powered by 2 AA batteries (not included) for portability and emergency use.
- **3.5mm Headphone Jack:** For private listening.
- **Compact and Portable:** Pocket-sized design (12.5 x 7 x 2 cm) for easy carrying.
- **Lock Function:** Prevents accidental button presses.



Image: Overview of key features including AM/FM/SW radio, DSP, Sleep Timer, 3.5mm Earphone Jack, Alarm, and 2*AA Battery operation. The image also highlights the 360-degree rotatable antenna.

3. PRODUCT OVERVIEW

3.1. Components and Controls



Image: Front view of the BenSS BRBD06 Digital Radio, showing the speaker grille, LCD display, control buttons (Power, Band, Volume Up/Down, Scan/Sleep, M+/M-), and the extended telescopic antenna.



Image: Rear view of the Benss BRBD06 Digital Radio, highlighting the battery compartment cover and product information label.



Image: Side view of the Benss BRBD06 Digital Radio, showing the 3.5mm headphone jack and the DC 3V power input port.

3.2. Dimensions

The Benss BRBD06 radio is designed for portability. Its approximate dimensions are:

Length: 12.5 cm (4.9 inches)

Width: 7 cm (2.8 inches)

Height: 2 cm (0.8 inches)

Weight: 142 g (0.31 lbs)

Size: 12.2x7.3x3cm

Portable size



Image: The Beness BRBD06 radio shown with its dimensions: 12.2cm length, 7.3cm width, and 3cm height, illustrating its portable size.

4. SETUP

4.1. Battery Installation

The Beness BRBD06 radio operates on two (2) AA batteries (not included). For optimal performance and longevity, use high-quality alkaline batteries.

1. Locate the battery compartment on the back of the radio.
2. Slide the battery compartment cover downwards to open it.
3. Insert two AA batteries, ensuring the correct polarity (+ and -) as indicated inside the compartment.
4. Close the battery compartment cover by sliding it back into place until it clicks securely.

Note: Remove batteries if the radio will not be used for an extended period to prevent leakage and damage.

2*AA Battery Operated

Battery is not included

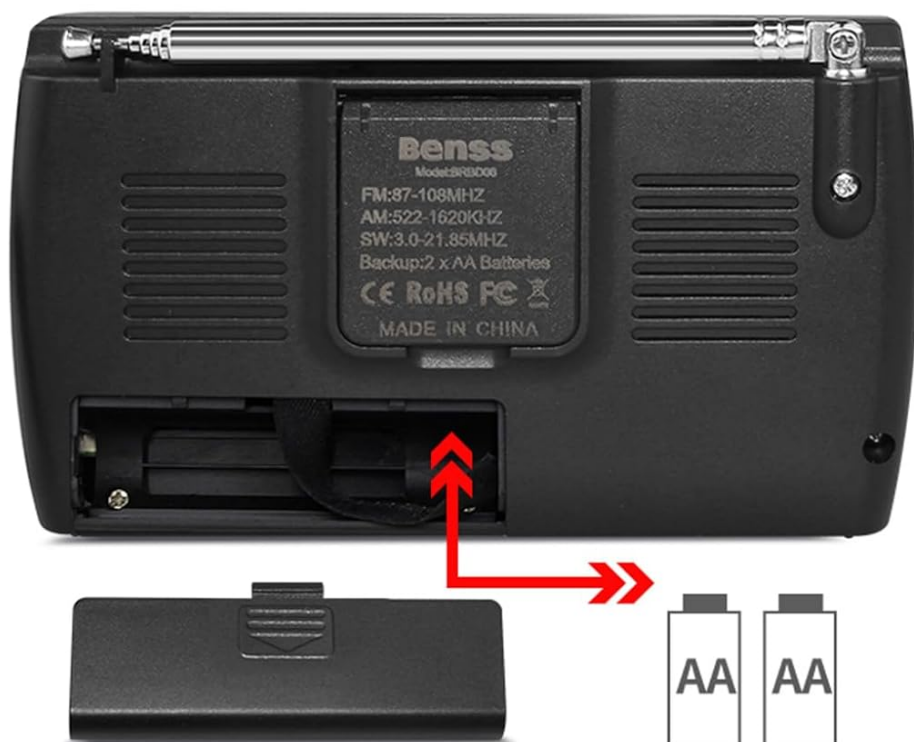



Image: A visual guide demonstrating the process of opening the battery compartment and inserting two AA batteries into the Benss BRBD06 radio.

5. OPERATING INSTRUCTIONS

5.1. Power On/Off

Press the **Power button** () located on the top right of the radio to turn it on or off.

5.2. Band Selection (FM/AM/SW)

Press the **BAND button** on the right side of the radio to cycle through FM, AM, and SW (Shortwave) bands.

FM: 87-108 MHz

AM: 522-1620 KHz

SW: 3.00-21.85 MHz



Image: Illustration of the radio receiving signals across SW, FM, and AM bands.

5.3. Tuning Stations

There are two primary methods for tuning stations:

1. **Manual Tuning:** Use the **V+** and **V-** buttons to manually adjust the frequency up or down.
2. **Automatic Scan (One-Click Search):** Long press the **SCAN** button for 3 seconds. The radio will automatically scan and save available stations.

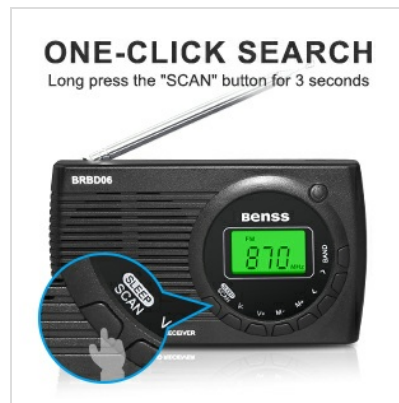


Image: A visual guide demonstrating how to use the "SCAN" button for automatic station search.

5.4. Volume Adjustment

Use the **M+** and **M-** buttons to increase or decrease the volume level.



Image: An illustration emphasizing the powerful volume capability of the radio.

5.5. Setting the Clock and Alarm

The radio features a 12H/24H time display with an LCD backlight.

1. Refer to the specific instructions in the included quick start guide for detailed steps on setting the time and alarm, as button combinations may vary.

2. To set the alarm, ensure the radio is off. Press and hold the **Alarm button** (if present, or a combination of buttons as per guide) to enter alarm setting mode.
3. Use the **V+** and **V-** buttons to adjust the hour and minute.
4. Press the **Alarm button** again to confirm and exit.



Image: The radio's LCD screen displaying both 12-hour and 24-hour time formats, highlighting the optional clock display with backlight.



Alarm Clock & Sleep Timer

10-90 minutes sleep timer and wake to the radio



Image: The Beness BRBD06 radio on a bedside table, illustrating its alarm clock and sleep timer capabilities, allowing users to fall asleep or wake up to radio.

5.6. Sleep Timer Function

The sleep timer allows the radio to automatically turn off after a set period (10-90 minutes).

1. While the radio is on, short press the **SLEEP button** (often combined with SCAN).
2. Each press will cycle through available sleep timer durations (e.g., 10, 20, 30, ..., 90 minutes).
3. Select your desired duration. The radio will automatically turn off after this time.



Image: An illustration depicting the sleep timer function, showing the radio on a bedside table with a person sleeping in the background.

5.7. Lock Function

To prevent accidental operation, the radio features a lock function. Refer to your quick start guide for the specific button combination to activate/deactivate the lock. Typically, it involves a long press of a designated button or a combination of buttons.

5.8. Using Headphones

Connect any standard 3.5mm stereo headphones to the headphone jack located on the side of the radio for private listening. The internal speaker will automatically mute when headphones are connected.



Image: An illustration showing a person using headphones connected to the Benoss BRBD06 radio via its 3.5mm headphone jack.

6. MAINTENANCE

- **Cleaning:** Wipe the radio with a soft, dry cloth. Do not use liquid cleaners or abrasive chemicals.
- **Storage:** When not in use for extended periods, remove the batteries and store the radio in a cool, dry place away from direct sunlight and extreme temperatures.
- **Antenna Care:** Handle the telescopic antenna gently. Avoid bending or forcing it, as this can cause damage.
- **Water Exposure:** This radio is not waterproof. Avoid exposure to water, rain, or high humidity.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Radio does not turn on.	<ul style="list-style-type: none"> ◦ Batteries are dead or incorrectly inserted. ◦ Radio is locked. 	<ul style="list-style-type: none"> ◦ Replace batteries with new ones, ensuring correct polarity. ◦ Deactivate the lock function (refer to quick start guide).

Problem	Possible Cause	Solution
Poor reception/static.	<ul style="list-style-type: none">◦ Antenna not extended or positioned correctly.◦ Weak signal in the area.◦ Interference from electronic devices.	<ul style="list-style-type: none">◦ Fully extend and rotate the telescopic antenna for FM/SW.◦ For AM, try rotating the radio itself.◦ Move to a location with better signal.◦ Move radio away from other electronic devices.
Display is dim or blank.	<ul style="list-style-type: none">◦ Low battery power.◦ Backlight setting.	<ul style="list-style-type: none">◦ Replace batteries.◦ Check if backlight is enabled (if applicable, refer to quick start guide).
Alarm does not sound.	<ul style="list-style-type: none">◦ Alarm not set correctly or deactivated.◦ Volume too low.	<ul style="list-style-type: none">◦ Verify alarm time and activation.◦ Increase volume.

8. SPECIFICATIONS

Model Number	BRBD06
Brand	BenSS
Product Dimensions	12.5 x 7 x 2 cm
Weight	142 g
Power Source	2 x AA Batteries (not included)
Tuner Technology	DSP
Radio Bands Supported	FM (87-108MHz), AM (522-1620KHz), SW (3.00-21.85MHz)
Connectivity Technology	Wi-Fi (Note: This refers to internal chip, not Wi-Fi radio functionality)
Special Feature	Portable, Alarm Clock, Sleep Timer, Headphone Jack
Included Components	Radio unit, Stereo Headphones (as per product data)

9. WARRANTY AND SUPPORT

BenSS products are manufactured with quality and performance in mind. For information regarding warranty coverage, technical support, or service inquiries, please refer to the warranty card included with your product or visit the official BenSS website. Keep your purchase receipt as proof of purchase for any warranty claims.

For further assistance, you may also contact the retailer where you purchased the product.