Benss BRBD06

Benss BRBD06 Portable FM/AM/SW Radio User Manual

Model: BRBD06

1. IMPORTANT SAFETY INSTRUCTIONS

Please read and understand all safety instructions before using this product. Keep this manual for future reference.

- Do not expose the radio to rain, moisture, or extreme temperatures.
- Avoid dropping or subjecting the radio to strong impacts.
- Do not disassemble or attempt to repair the radio yourself. Refer all servicing to qualified personnel.
- Use only specified battery types (2 x AA batteries). Ensure correct polarity during installation.
- Remove batteries if the radio will not be used for an extended period to prevent leakage.
- Dispose of used batteries responsibly according to local regulations.

2. PRODUCT OVERVIEW

The Benss BRBD06 is a compact, portable multi-band radio designed for convenience and clear reception. It features FM, AM, and Shortwave (SW) bands, a digital display, headphone jack, alarm clock, and sleep timer functions.

2.1 Package Contents

- Benss BRBD06 Portable Radio
- User Manual (this document)
- Wrist Strap

Note: AA batteries are not included and must be purchased separately.

2.2 Controls and Features

Figure 1: Front view of the Benss BRBD06 radio, showing the display, speaker grille, and control buttons.

Figure 2: The Benss BRBD06 radio with its telescopic antenna extended, highlighting its compact design and controls.

- **Power Button:** Turns the radio on/off.
- **Band Button:** Switches between FM, AM, and SW bands.
- **V+/V- Buttons:** Adjust volume up/down.
- **M+/M- Buttons:** Tune frequency up/down, or navigate saved stations.
- **SCAN/SLEEP Button:** Initiates automatic station scan (long press) or sets sleep timer (short press).
- **LCD Display:** Shows frequency, time, band, and other indicators.
- **Telescopic Antenna:** For improved FM and SW reception.
- **3.5mm Headphone Jack:** For private listening.
- **Battery Compartment:** Holds 2 x AA batteries.

3. Setup

3.1 Battery Installation

1. Locate the battery compartment cover on the back of the radio.
2. Slide the cover open.
3. Insert two (2) AA batteries, ensuring the correct positive (+) and negative (-) polarity as indicated inside the compartment.
4. Close the battery compartment cover securely.

Figure 3: Rear view of the radio showing the battery compartment and the correct orientation for inserting two AA batteries.

3.2 Initial Power On

Press and hold the **Power** button for a few seconds to turn on the radio. The LCD display will illuminate.

4. OPERATION

4.1 Power On/Off

- To turn on: Press and hold the **Power** button.
- To turn off: Press and hold the **Power** button again.

4.2 Band Selection (FM/AM/SW)

Press the **BAND** button repeatedly to cycle through FM, AM, and SW (Shortwave) bands. The selected band will be displayed on the LCD screen.

Figure 4: Visual representation of the radio receiving AM, FM, and SW signals.

4.3 Tuning Stations

- **Manual Tuning:** Press the **M+** or **M-** buttons briefly to adjust the frequency step by step.
- **Automatic Scan:** Long press the **SCAN** button (often combined with SLEEP). The radio will automatically scan and save available stations.

Figure 5: Illustrates pressing the SCAN button for automatic station search.

For optimal FM and SW reception, extend the telescopic antenna. For AM reception, rotate the radio for the best signal.

4.4 Volume Control

Press the **V+** button to increase the volume and the **V-** button to decrease the volume.

4.5 Headphone Use

Insert standard 3.5mm headphones into the headphone jack on the side of the radio for private listening. The internal speaker will automatically mute.

Figure 6: Demonstrates connecting headphones to the radio for personal audio.

4.6 Clock Setting

To set the time, with the radio off, you typically need to enter a time setting mode. This is often done by a long press of a multi-function button (e.g., **MODE**, **SET**, or even **BAND** or **SCAN** if no dedicated button is present) until the hour digits flash.

1. Enter time setting mode (e.g., long press a relevant button).
2. Use **M+** or **M-** to adjust the hour.
3. Press the same button used to enter setting mode again to switch to minute adjustment.
4. Use **M+** or **M-** to adjust the minutes.
5. Press the button one more time to confirm and exit.
6. To switch between 12-hour and 24-hour format, a short press of the setting button while the time is displayed may be required.

Figure 7: The radio's LCD display showing both 12-hour (AM/PM) and 24-hour clock formats.

4.7 Alarm Clock Function

To set the alarm, with the radio off, you typically need to enter an alarm setting mode. This is often done by a long press of a multi-function button (e.g., **ALARM**, **MODE**, or **SET**) until the alarm time flashes.

1. Enter alarm setting mode (e.g., long press a relevant button).
2. Use **M+** or **M-** to adjust the alarm hour.
3. Press the same button used to enter setting mode again to switch to minute adjustment.
4. Use **M+** or **M-** to adjust the alarm minutes.
5. Press the button one more time to confirm. An alarm icon should appear on the display.

To turn off the alarm when it sounds, press any button. To disable the alarm function, repeat the setting process and ensure the alarm icon disappears from the display.

Figure 8: The radio positioned on a nightstand, illustrating its use as an alarm clock.

4.8 Sleep Timer Function

To activate the sleep timer:

1. While the radio is on, short press the **SLEEP** button (often combined with SCAN).
2. Repeatedly press the **SLEEP** button to cycle through available sleep timer durations (e.g., 10, 20, 30, 60, 90 minutes).
3. The radio will automatically turn off after the selected duration.

Figure 9: The radio on a nightstand, demonstrating the sleep timer feature for listening before sleep.

5. MAINTENANCE

- **Cleaning:** Wipe the radio with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Storage:** Store the radio in a cool, dry place away from direct sunlight and extreme temperatures. Remove batteries if storing for extended periods.
- **Antenna Care:** Handle the telescopic antenna gently to prevent bending or breakage.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Radio does not turn on.	Batteries are dead or incorrectly installed.	Replace batteries with new AA batteries, ensuring correct polarity.
Poor reception/static.	Weak signal, antenna not extended, interference.	Extend the telescopic antenna fully. For AM, rotate the radio. Move away from electronic devices that may cause interference. Try scanning again.
No sound from speaker.	Volume too low, headphones connected.	Increase volume using V+ button. Disconnect headphones if not intended for private listening.
Alarm does not sound.	Alarm not set or disabled.	Verify alarm time is set correctly and the alarm icon is visible on the display.
Difficulty setting time/alarm.	Unfamiliarity with button functions.	Refer to sections 4.6 and 4.7. Experiment with short and long presses of multi-function buttons like BAND or SCAN if dedicated SET/ALARM buttons are not clear.

7. SPECIFICATIONS

Model	BRBD06
Brand	Benss

Frequency Range	FM: 87-108 MHz, AM: 522-1620 KHz, SW: 3.0-21.85 MHz
Power Source	2 x AA Batteries (DC 3V)
Display Type	LCD with Backlight
Audio Output	Built-in Speaker, 3.5mm Headphone Jack
Dimensions	Approximately 11.94 x 2.03 x 7.37 cm (4.7 x 0.8 x 2.9 inches)
Weight	Approximately 142 g (5 oz)
Special Features	Alarm Clock, Sleep Timer, Automatic Scan, Portable Design

8. WARRANTY AND SUPPORT

Benss products are designed and manufactured to the highest quality standards. This product is covered by a limited warranty from the date of purchase. For specific warranty terms and conditions, please refer to the warranty card included with your purchase or contact Benss customer support.

If you encounter any issues or have questions regarding your Benss BRBD06 radio, please contact our customer support team for assistance. Contact information can typically be found on the product packaging or the official Benss website.

Documents - Benss – BRBD06
no relevant documents