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- › [Aiwa](#) /
- › [Aiwa BBTU-500DAB/RD Portable CD Radio User Manual](#)

Aiwa BBTU-500DAB

Aiwa BBTU-500DAB/RD Portable CD Radio User Manual

Model: BBTU-500DAB/RD

INTRODUCTION

Thank you for purchasing the Aiwa BBTU-500DAB/RD Portable CD Radio. This device offers a versatile audio experience with DAB+ and FM radio, CD/MP3 playback, Bluetooth 5.0 connectivity, USB media playback, and an auxiliary input. This manual provides essential information for safe and efficient operation of your device. Please read it thoroughly before use and retain it for future reference.



Figure 1: Front view of the Aiwa BBTU-500DAB/RD Portable CD Radio, showing the display, control buttons, and speaker grilles.

SAFETY INFORMATION

To ensure safe operation and prevent damage, please observe the following precautions:

- Do not expose the unit to rain, moisture, or extreme temperatures.
- Avoid placing the unit near heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- Use only attachments/accessories specified by the manufacturer.
- Unplug this apparatus during lightning storms or when unused for long periods.
- Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way.
- Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- Ensure proper battery installation and disposal according to local regulations.

WHAT'S IN THE BOX

Carefully unpack the contents and ensure all items are present:

- Aiwa BBTU-500DAB/RD Portable CD Radio unit
- AC Power Cable
- Remote Control
- AAA/LR03 Alkaline Batteries (x2 for remote control)
- User Manual (this document)

PRODUCT OVERVIEW

Main Unit Controls and Display

The front panel features a 2.4" Full Color TFT LCD Screen, control buttons for power, mode, volume, tuning, and playback, and speaker grilles. The top-loading CD player is located on the top surface.

Remote Control

The included remote control provides convenient access to all functions from a distance.



Figure 2: The remote control for the Aiwa BBTU-500DAB/RD, showing various function buttons.

Key remote control buttons include: Power, Mode, Volume Up/Down, Play/Pause, Skip/Scan, Stop, Info, Repeat, Mute, EQ, Preset, and Program.

SETUP

Power Connection

The unit can be powered by AC mains or batteries.

- **AC Power:** Connect the supplied AC power cable to the AC input on the rear of the unit and then to a standard wall outlet (AC 110-230V~50/60Hz).
- **Battery Power:** For portable use, insert 6 x 1.5V UM-2 (C-size) batteries (not included) into the battery compartment on the bottom of the unit. Ensure correct polarity.

Antenna Setup

Extend the telescopic antenna fully for optimal DAB+ and FM radio reception. Adjust its position for the best signal quality.

OPERATING INSTRUCTIONS

General Operation

- **Power On/Off:** Press the **POWER** button on the unit or remote control.
- **Volume Control:** Use the **VOL +** or **VOL -** buttons on the unit or remote.
- **Mode Selection:** Press the **MODE** button to cycle through available modes: CD, DAB+, FM, Bluetooth, USB, AUX.

CD Playback

1. Press **MODE** to select CD mode.
2. Open the CD compartment lid.
3. Place a CD (CD/CDR/RW/MP3) with the label side facing up.
4. Close the CD compartment lid. The disc will begin playing automatically.
5. Use **PLAY/PAUSE**, **STOP**, **SKIP** (forward/backward) buttons for control.
6. **Program Play:** In stop mode, press **PROG** to program up to 20 CD tracks or 99 MP3 tracks.
7. **Repeat Play:** Press **REPEAT** to repeat current track, all tracks, or a folder (for MP3).

DAB+ Radio Operation

1. Press **MODE** to select DAB+ mode.
2. The unit will automatically scan for available DAB+ stations upon first use or if no stations are found.
3. Use the **TUNE +/-** buttons to navigate through the station list.
4. **Preset Stations:** To save a station, press and hold the **PRESET** button until the display shows "Preset Store". Use **TUNE +/-** to select a preset number (1-40), then press **ENTER** to confirm. To recall, press **PRESET** briefly, then use **TUNE +/-** to select.

FM Radio Operation

1. Press **MODE** to select FM mode.
2. **Auto Scan:** Press and hold **SCAN** to automatically scan and save FM stations.
3. **Manual Tuning:** Press **TUNE +/-** briefly to fine-tune the frequency.
4. **Preset Stations:** Similar to DAB+, save up to 40 FM stations using the **PRESET** button.
5. **RDS Function:** When available, RDS (Radio Data System) information will be displayed.

Bluetooth Pairing

1. Press **MODE** to select Bluetooth mode. The display will show "Bluetooth Pairing" or similar.
2. On your Bluetooth-enabled device (smartphone, tablet, etc.), enable Bluetooth and search for available devices.
3. Select "BBTU-500DAB" from the list.
4. Once paired, you can stream audio from your device to the Aiwa BBTU-500DAB/RD.
5. The wireless range is approximately 10 meters (33 feet).

USB Playback

1. Insert a USB flash drive (up to 64GB) containing MP3 files into the USB port.
2. Press **MODE** to select USB mode.
3. The unit will automatically detect and begin playing MP3 files.
4. Use playback controls (**PLAY/PAUSE**, **SKIP**) as with CD playback.
5. **Program Play:** Program up to 99 MP3 tracks.

Auxiliary Input (AUX-IN)

1. Connect an external audio device (e.g., MP3 player, smartphone) to the 3.5mm AUX-IN jack using a 3.5mm audio cable (not included).
2. Press **MODE** to select AUX mode.
3. Control playback from your external device.

Alarm Clock and Timer

The unit features a digital clock (24-hour format), dual alarm clock, and an auto-off timer. Refer to the on-screen menu for detailed settings. Alarms can be set to activate CD, radio, or USB playback.

Equalizer Settings

Press the **EQ** button on the remote control to cycle through preset equalizer modes: FLAT, ROCK, POP, JAZZ, CLASSIC. This adjusts the audio output for different music genres.

MAINTENANCE

Cleaning

- Wipe the unit with a soft, dry cloth.
- Do not use abrasive cleaners, waxes, or solvents.
- For the CD lens, use a specialized CD lens cleaner.

CD Care

- Handle CDs by their edges to avoid fingerprints.

- Store CDs in their cases when not in use.
- Clean dirty CDs with a soft, lint-free cloth, wiping from the center outwards.

Battery Replacement

When the remote control's range decreases, replace the two AAA/LR03 batteries, ensuring correct polarity. For the main unit, replace the C-size batteries when the unit's performance degrades or it fails to power on.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	Power cable not connected; Batteries depleted/incorrectly inserted	Check AC cable connection; Replace/reinsert batteries correctly
No sound	Volume too low; Mute activated; Incorrect mode selected	Increase volume; Deactivate Mute; Select correct input mode
CD not playing	CD inserted incorrectly; CD dirty/scratched; Disc format not supported	Reinsert CD correctly; Clean/replace CD; Ensure CD/CDR/RW/MP3 format
Poor radio reception	Antenna not extended/positioned correctly; Weak signal area	Extend and adjust antenna; Try moving the unit to a different location
Bluetooth pairing fails	Device too far; Bluetooth not enabled on external device; Unit not in pairing mode	Ensure devices are within 10m; Enable Bluetooth on external device; Select Bluetooth mode on unit
USB not recognized	USB drive not formatted correctly; Unsupported file type; Drive capacity too large	Ensure FAT32 format; Use MP3 files; Max 64GB USB drive

SPECIFICATIONS

- **Model:** BBTU-500DAB/RD
- **Power Supply:** AC 110-230V~50/60Hz; DC 9V (6 x 1.5V UM-2 Batteries, not included)
- **Audio Output Power:** 2 x 3W RMS = 6W RMS
- **Display:** 2.4" Full Color TFT LCD Screen with LED Backlight
- **Bluetooth:** v5.0 + EDR (A2DP profile), minimum 10m wireless range
- **CD Player:** Top-load, supports CD/CDR/RW/MP3 discs
- **CD Program Memory:** 20 tracks (CD), 99 tracks (MP3-CD)
- **Radio:** DAB+ / FM Band III with RDS function
- **Radio Presets:** 40 DAB+, 40 FM
- **USB Player:** Supports MP3, up to 64GB
- **Aux-in:** 3.5mm jack
- **Headphone Jack:** 3.5mm Stereo
- **Clock:** Digital, 24-hour format

- **Alarm:** Dual alarm with auto-off timer
- **Equalizer:** 5 preset (FLAT/ROCK/POP/JAZZ/CLASSIC)
- **Dimensions (W x D x H):** 260 x 220 x 128 mm (10.24 x 8.66 x 5.04 inches)
- **Weight:** 1.2 kg (2.64 lbs)

WARRANTY AND SUPPORT

Aiwa products are designed and manufactured to the highest quality standards. For warranty information and technical support, please refer to the warranty card included with your purchase or visit the official Aiwa website. Keep your proof of purchase for any warranty claims.