Audiocrazy RC88BT

Audiocrazy RC88BT Retro Boombox User Manual

1. INTRODUCTION

This manual provides detailed instructions for the operation and maintenance of your Audiocrazy RC88BT Retro Boombox. Please read this manual thoroughly before using the device to ensure proper function and to maximize your listening experience. Keep this manual for future reference.

2. PRODUCT OVERVIEW

The Audiocrazy RC88BT is a versatile retro boombox featuring a cassette player/recorder, AM/FM/SW radio, Bluetooth connectivity, USB and Micro SD card playback/recording, and auxiliary input. It combines classic design with modern audio functionalities.

Image 2.1: Front view of the Audiocrazy RC88BT Retro Boombox, showcasing its classic silver design with dual speakers and central cassette deck.
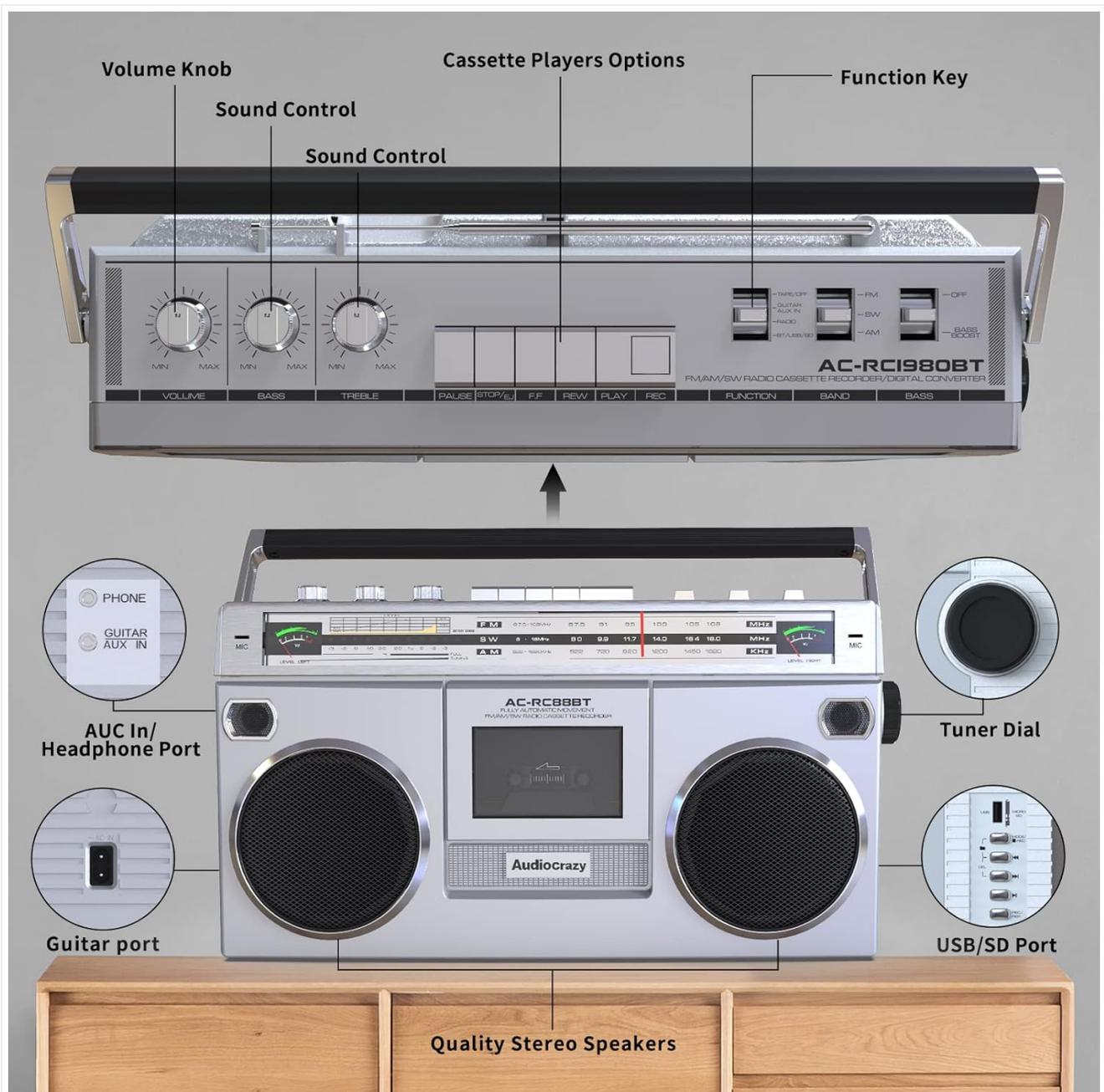
2.1 Key Features

- **Cassette Player/Recorder:** Play and record audio tapes.
- **AM/FM/SW Radio:** Enjoy a wide range of radio stations.
- **Bluetooth Connectivity:** Wireless audio streaming from compatible devices.
- **USB & Micro SD Card Support:** Play MP3 files and record audio.
- **Aux-in/Guitar Input:** Connect external audio sources or a guitar.
- **Headphone Jack:** For private listening.
- **Adjustable Sound:** Bass and Treble controls.
- **Multiple Power Options:** AC, DC (batteries), and rechargeable battery.

Image 2.2: Visual representation of the boombox's features including cassette, AUX/Guitar in, Bluetooth, USB/SD, Headphone Jack, AC&Battery Supply, AM/FM Radio, and Adjustable Sound Quality.

2.2 Controls and Ports

Image 2.3: Detailed diagram showing the location of the Volume Knob, Sound Control (Bass/Treble), Cassette Player Options (Pause, Stop/Eject, Rewind, Fast Forward, Play, Record), Function Key, Tuner Dial, AUX In/Headphone Port, Guitar Port, and USB/SD Port.

1. **Volume Knob:** Adjusts the overall sound output level.
2. **Sound Control (Bass/Treble):** Adjusts the bass and treble frequencies for desired audio balance.
3. **Cassette Player Options:** Buttons for controlling cassette playback and recording (Play, Record, Rewind, Fast Forward, Stop/Eject, Pause).
4. **Function Key:** Selects the operating mode (e.g., Radio, Cassette, Bluetooth, USB/SD, AUX).
5. **Tuner Dial:** Manually tunes radio frequencies.
6. **AUX In/Headphone Port (3.5mm):** Connect external audio devices or headphones.
7. **Guitar Port:** Connect a guitar for amplification.
8. **USB/SD Port:** Insert USB drives or Micro SD cards for playback and recording.
9. **Antenna:** Extend for optimal radio reception.

3. SETUP

3.1 Power Supply

The RC88BT offers three power options:

- **AC Power:** Connect the included AC power cable to the unit's AC input and a standard 120V wall outlet.
- **DC Battery Power:** For portable use, insert 6 x UM-1 (D size) batteries (not included) into the battery compartment located on the bottom of the unit. Ensure correct polarity.
- **Rechargeable Battery:** The unit includes a built-in 2500mAh rechargeable battery. Connect the AC power cable to charge the internal battery. The unit can operate on battery power when fully charged.

Image 3.1: Illustration of the boombox connected to AC power, highlighting the rechargeable battery option.

4. OPERATING INSTRUCTIONS

4.1 Cassette Player/Recorder

1. **Playback:**

   - Press the **Stop/Eject** button to open the cassette door.
   - Insert a cassette tape with the open edge facing upwards.
   - Close the cassette door.
   - Set the **Function Key** to 'TAPE'.
   - Press the **PLAY** button.
   - Adjust the **Volume**, **Bass**, and **Treble** knobs as desired.
   - Use **REWIND** and **FAST FORWARD** for navigation.
   - Press **PAUSE** to temporarily stop playback, and **Stop/Eject** to end playback.

2. **Recording to Cassette:**

   - Insert a recordable cassette tape.
   - Select the desired audio source using the **Function Key** (e.g., 'RADIO', 'USB', 'AUX').
   - Press the **RECORD** button (this will also engage the PLAY button).
   - Recording will begin. To record from the built-in microphone, ensure the microphone is active and positioned correctly.
   - Press **Stop/Eject** to end recording.

3. **Cassette to MP3 (USB/Micro SD Recording):**

- Insert a USB drive or Micro SD card into the respective port.
- Insert the cassette tape you wish to convert.
- Set the **Function Key** to 'TAPE'.
- Press the **RECORD** button. The unit will begin playing the tape and simultaneously record the audio as MP3 files onto the inserted USB drive or Micro SD card.
- Press **Stop**/**Eject** to end the recording process.

Image 4.1: Illustration of recording modes: Cassette, Radio, or Built-in microphone can be recorded to USB, and Cassette can be recorded to USB, Radio, or Built-in microphone.

4.2 Radio Operation (AM/FM/SW)

1. Extend the telescopic antenna for optimal reception.
2. Set the **Function Key** to 'RADIO'.
3. Select the desired band (AM, FM, or SW) using the band selector switch.
4. Rotate the **Tuner Dial** to find your desired station. The frequency will be displayed on the tuning scale.
5. Adjust the **Volume**, **Bass**, and **Treble** knobs as needed.

Image 4.2: A user enjoying radio content on the Audiocrazy RC88BT, illustrating its strong AM/FM reception capabilities.

4.3 Bluetooth Function

1. Set the **Function Key** to 'BT' (Bluetooth). The unit will enter pairing mode, indicated by a flashing Bluetooth indicator.
2. On your mobile device (smartphone, tablet, etc.), enable Bluetooth and search for available devices.
3. Select 'RC88BT' from the list of devices to pair.
4. Once paired, the Bluetooth indicator will stop flashing, and you can play audio from your device through the boombox.
5. Adjust volume on both the boombox and your connected device.

Image 4.3: The boombox wirelessly connected to a smartphone via Bluetooth, demonstrating fast and easy pairing.

4.4 USB/Micro SD Card Playback

1. Insert a USB drive or Micro SD card containing MP3 audio files into the corresponding port.
2. Set the **Function Key** to 'USB/SD'.
3. The unit will automatically begin playing the audio files.
4. Use the cassette player control buttons (e.g., Play, Pause, Fast Forward, Rewind) to control USB/SD playback.

4.5 Aux-in / Guitar Input

1. Connect an external audio device (e.g., MP3 player, smartphone) to the 3.5mm AUX In port using an audio cable (not included).
2. Alternatively, connect a guitar to the dedicated Guitar port.
3. Set the **Function Key** to 'AUX'.
4. Play audio from your connected device or guitar. Adjust the volume on both the boombox and the external device.

4.6 Headphone Jack

For private listening, connect standard 3.5mm headphones to the headphone jack. The main speakers will be muted automatically.

Image 4.4: A user enjoying audio privately using headphones connected to the 3.5mm jack on the boombox.

5. MAINTENANCE

5.1 Cleaning

- Wipe the exterior of the unit with a soft, dry cloth.
- Do not use abrasive cleaners, waxes, or solvents as they may damage the finish.
- For the cassette deck, periodically clean the tape heads, pinch rollers, and capstan with a cotton swab lightly dampened with isopropyl alcohol. This helps maintain sound quality and prevents tape damage.

5.2 Tape Care

- Store cassette tapes away from direct sunlight, heat, and magnetic fields.
- Avoid using damaged or tangled tapes, as they can harm the cassette mechanism.
- Periodically fast-forward and rewind tapes fully to ensure even winding and prevent sticking.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	Power cable not connected; Batteries depleted or incorrectly inserted; Rechargeable battery not charged.	Ensure AC cable is securely connected; Replace or correctly insert batteries; Charge the internal rechargeable battery.
No sound or low volume	Volume too low; Incorrect function mode selected; Headphones connected; External device volume low.	Increase volume; Select correct function (e.g., RADIO, TAPE, BT); Disconnect headphones; Increase volume on external device.

Problem	Possible Cause	Solution
Cassette playback issues (distorted, slow)	Dirty tape heads/pinch rollers; Damaged tape; Tape mechanism malfunction.	Clean tape heads and rollers (see Maintenance); Try a different tape; If problem persists, contact support.
Poor radio reception	Antenna not extended; Weak signal; Interference.	Fully extend the telescopic antenna; Reposition the unit; Try tuning to a stronger station.
Bluetooth pairing failure	Unit not in pairing mode; Device Bluetooth off; Device too far.	Ensure Function Key is set to 'BT' and indicator is flashing; Enable Bluetooth on your device; Move device closer to the boombox.

7. SPECIFICATIONS

- **Model:** RC88BT
- **Product Dimensions (L x W x H):** 16.73 x 5.91 x 9.65 inches
- **Item Weight:** 9.46 pounds
- **Power Supply:** AC 120V; 6 x UM-1 (D size) batteries (not included); 2500mAh Rechargeable Lithium Ion battery (included)
- **Radio Frequencies:** FM 87.5-108MHz, AM 520-1710KHz, SW 3-23MHz
- **Connectivity:** Bluetooth, USB, Micro SD, 3.5mm Aux-in, Guitar Input
- **Speaker Type:** Stereo
- **Color:** Silver
- **First Available:** September 1, 2022

Image 7.1: The Audiocrazy RC88BT boombox with its dimensions (16.1in x 4.5in x 9.17in) clearly indicated.

8. SAFETY INFORMATION

- Do not expose the unit to rain, moisture, or extreme temperatures.
- Avoid placing the unit near heat sources or in direct sunlight.
- Do not open the casing; refer all servicing to qualified personnel.

- Dispose of batteries responsibly according to local regulations.
- Keep out of reach of children.

9. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the documentation included with your purchase or contact the manufacturer directly through their official website or customer service channels. Please have your model number (RC88BT) and purchase details ready when contacting support.

Related Documents - RC88BT

[AC-RC87BT BT/AM/FM 2-Band Radio Instruction Manual](#)
Instruction manual for the AC-RC87BT BT/AM/FM 2-Band Radio, covering safety precautions, operation, troubleshooting, and specifications.