

Wireless Express WE-BB

Mini Boombox with LED Speakers

INSTRUCTION MANUAL

Model: WE-BB | Brand: Wireless Express

Introduction

Thank you for choosing the Wireless Express Mini Boombox. This portable audio system combines retro aesthetics with modern functionality, featuring Bluetooth connectivity, FM radio, and dynamic LED speaker lights. Designed for ease of use and portability, it's an ideal companion for music enjoyment at home or outdoors.



Image: The Wireless Express Mini Boombox, showcasing its vibrant retro design and illuminated speakers.

What's in the Box

- Mini Boombox Unit
- Remote Control

- Charging Cable (USB)

Key Features

- **Bluetooth Connectivity:** Wirelessly stream audio from your compatible devices.
- **Enhanced FM Radio:** Enjoy your favorite radio stations with clear reception.
- **LED Speaker Lights:** Dynamic, color-changing lights that pulse with the music.
- **Stereo Sound:** Delivers powerful and clear audio output.
- **Multiple Inputs:** Includes Aux input, SD card slot, and USB input for versatile playback options.
- **Headphone Jack:** For private listening.
- **Rechargeable Battery:** Built-in battery for portable use.
- **Remote Control:** Conveniently manage playback and settings from a distance.
- **Carrying Handle & Retractable Antenna:** Designed for portability and optimal FM reception.



Image: An overview of the boombox's features, including Bluetooth, FM radio, LED lights, and various input options.

Setup

1. Charging the Battery:

- Before first use, fully charge the boombox. Connect the provided USB charging cable to the DC 5V IN port on the unit and to a USB power adapter (not included) or a computer's USB port.
- The charging indicator light will show the charging status. It will turn off or change color once fully charged.

2. Power On/Off:

- Locate the ON/OFF switch on the control panel. Slide it to the 'ON' position to power on the device.
- To power off, slide the switch to the 'OFF' position.

3. Antenna Adjustment:

- For optimal FM radio reception, extend the retractable antenna fully. Adjust its position for the best signal.

Operating Instructions



Image: Detailed view of the boombox's control panel, highlighting input ports and control buttons.

1. Volume Control:

- Rotate the large VOLUME knob on the front panel clockwise to increase volume and counter-clockwise to decrease volume.

2. Mode Selection:

- Press the 'MODE' button on the control panel or remote control to switch between available modes: Bluetooth, FM Radio, AUX, USB, and SD card.

3. Bluetooth Pairing:

- Turn on the boombox and select Bluetooth mode. The display will show 'BLUE' and an audible prompt will indicate it's ready for pairing.
- Enable Bluetooth on your smartphone or other device and search for 'WE-BB' or 'Wireless Express Boombox'.
- Select the device name to connect. Once paired, an audible confirmation will sound.

4. FM Radio Operation:

- Switch to FM Radio mode.
- Press and hold the 'PLAY/PAUSE' button to automatically scan and save available FM stations.
- Use the 'PREVIOUS' and 'NEXT' buttons to navigate through saved stations.

5. USB/SD Card Playback:

- Insert a USB flash drive or SD card (with compatible audio files) into the respective port. The boombox will automatically switch to USB or SD mode and begin playback.
- Use the 'PLAY/PAUSE', 'PREVIOUS', and 'NEXT' buttons to control playback.

6. AUX Input:

- Connect an external audio device (e.g., MP3 player, computer) to the AUX port using a 3.5mm audio cable (not included).
- Switch to AUX mode. Audio will play through the boombox speakers.

7. LED Speaker Lights:

- The LED lights on the speakers will automatically illuminate and change colors when the boombox is powered on and playing audio. There is no separate control for the lights.

Maintenance

- Clean the boombox with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- Keep the device away from water, moisture, and direct sunlight.
- Store in a cool, dry place when not in use for extended periods.
- Do not attempt to disassemble or repair the unit yourself. Contact qualified service personnel.

Troubleshooting

Problem	Possible Cause	Solution
No power	Battery is depleted; Power switch is OFF.	Charge the boombox; Slide power switch to ON.
No sound	Volume is too low; Incorrect mode selected; Device not paired (Bluetooth).	Increase volume; Press MODE to select correct input; Re-pair Bluetooth device.
Bluetooth not connecting	Boombox not in pairing mode; Device too far; Interference.	Ensure boombox is in Bluetooth mode; Move device closer; Turn off other Bluetooth devices.

Problem	Possible Cause	Solution
Poor FM reception	Antenna not extended/positioned correctly; Weak signal area.	Extend and adjust antenna; Try moving the unit to a different location.



Specifications

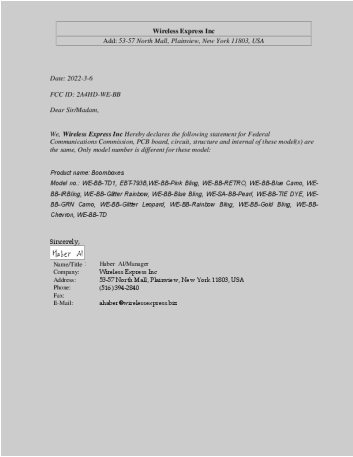
- **Model Number:** WE-BB
- **Product Dimensions:** 12.5 x 7 x 5 inches (L x W x H)
- **Item Weight:** 3.21 pounds
- **Connectivity Technology:** Bluetooth
- **Speaker Type:** Stereo
- **Power Source:** Rechargeable Battery (via USB)
- **Manufacturer:** Wireless Express
- **Country of Origin:** China

Warranty & Support

For warranty information or technical support, please refer to the product packaging or contact Wireless Express customer service directly. Keep your purchase receipt for any warranty claims.

Related Documents

	<p>Wireless Express Fun Light Speaker Manual - Bluetooth 5.1</p> <p>User manual for the Wireless Express Fun Light Speaker (WE-FLSPK) with Bluetooth 5.1. Includes setup, pairing, music playback, technical specifications, and safety guidelines in multiple languages.</p>
	<p>Sing-along PRO SA2 Wireless Karaoke Microphone User Manual</p> <p>User manual for the Wireless Express Sing-along PRO SA2 wireless karaoke microphone. Features include Bluetooth connectivity, volume and echo controls, charging instructions, troubleshooting guide, technical specifications, safety rules, and warranty information.</p>



[pdf] Declaration of Conformity

Declaration Letter of Model Difference Wireless Express Inc WE BB Boomboxes 2A4HD 2A4HDWEBB we bb

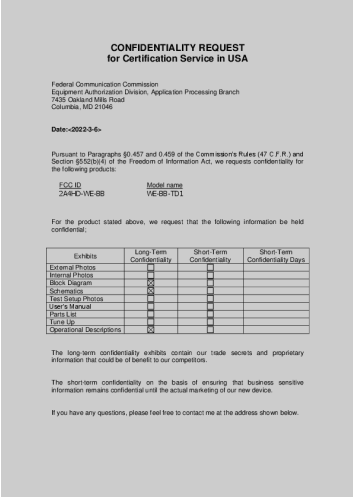
Wireless Express Inc Add: 53-57 North Mall, Plainview, New York 11803, USA Date: 2022-3-6 FCC ID: 2A4HD-**WE-BB** Dear Sir/Madam, We, Wireless Express Inc Hereby declares the following statement for Federal Communications Commission, PCB board, circuit, structure and internal of these model s are the ...
lang:en score:23 filesize: 73.89 K page_count: 1 document date: 2022-03-08



[pdf] User Manual

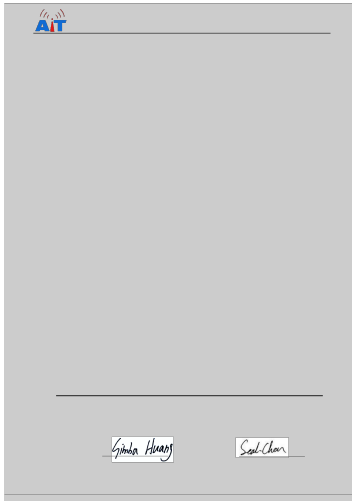
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[pdf] Confidentiality Request Letter

FCC Confidentiality request letter Wireless Express Inc WE BB Boomboxes 2A4HD 2A4HDWEBB we bb
CONFIDENTIALITY REQUEST for Certification Service in USA Federal Communication Commission Equipment ... e Freedom of Information Act, we requests confidentiality for the following products: FCC ID 2A4HD-**WE-BB** Model name **WE-BB**-TD1 For the product stated above, we request that the following information...
lang:en score:22 filesize: 107.73 K page_count: 2 document date: 2022-03-08



[\[pdf\]](#) Test Report

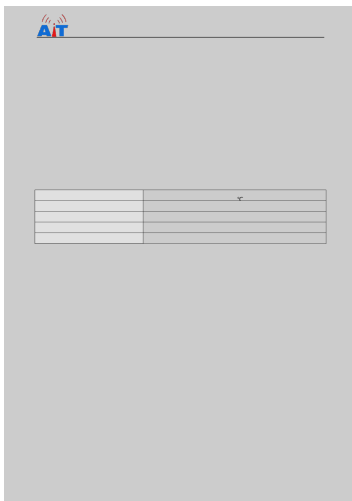
Test report DSS Wireless Express Inc WE BB Boomboxes 2A4HD 2A4HDWEBB we bb

Page 1 of 38 Report No.: AIT22022408W1 TEST REPORT Client Information:

Applicant: Wireless Expre ... Xixiang Road, Baoan District, Shenzhen Product

Information: Product Name: Boomboxes Model No.: **WE-BB**-TD1, EBT-793B,**WE-BB**-Pink Bling, **WE-BB**-RETRO, **WE-BB**-Blue Camo, **WE-BB**-IRBling, **WE-BB**-Glitter Rai...

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Appendix A RF Test Data for BT Wireless Express Inc WE BB Boomboxes 2A4HD 2A4HDWEBB we bb

Dongguan Yaxu AiT Technology Limited Appendix A Report No.: AIT22022408W1

FCC ID: 2A4HD-**WE-BB** RF Test Data for BT BDR/EDR Conducted Measurement

Product Name: Boomboxes Trade Mark: N/A Test Model: **WE-BB**-TD1 Temperature:

Relative Humidity: ATM Pressure: Test Engineer: Supervised by: Environmen...

lang:de **score:18** filesize: 4.05 M page_count: 42 document date: 2022-03-08



[\[pdf\]](#) Declaration of Conformity Product Photos Teardown

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Page 1 of 5 Internal Photos Photo 1 FCC ID: 2A4HD-**WE-BB** Photo 2 Dongguan Yaxu
AiT Technology Limited No.22, Jinqianling 3rd Street, Jitigang, Huangjiang,
Dongguan, Guangdong, China. Page 2 of 5 Photo 3 FCC ID: 2A4HD-**WE-BB** Photo 4
Dongguan Yaxu AiT Technology Limited No.22, Jinqianling 3r...

lang:tl score:18 filesize: 752.01 K page_count: 5 document date: 2022-03-08

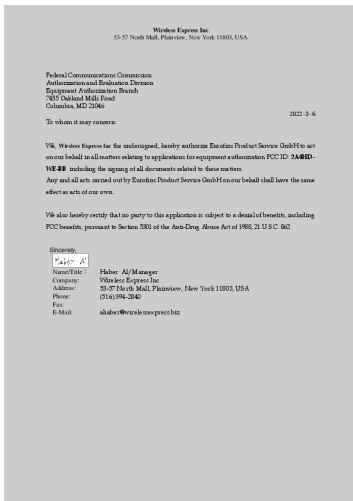


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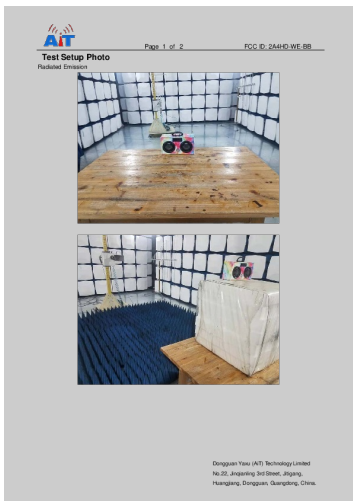
Page 1 of 4 External Photos Photo 1 FCC ID: 2A4HD-**WE-BB** Photo 2 Dongguan
Yaxu AiT Technology Limited No.22, Jinqianling 3rd Street, Jitigang, Huangjiang,
Dongguan, Guangdong, China. Page 2 of 4 Photo 3 FCC ID: 2A4HD-**WE-BB** Photo 4
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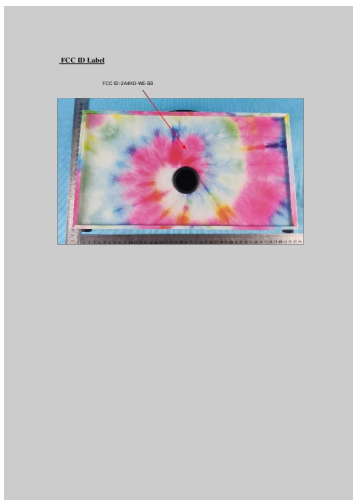
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FCC POA Wireless Express Inc WE BB Boomboxes 2A4HD 2A4HDWEBB we bb
Wireless Express Inc 53-57 North Mall, Plainview, New York 11803, USA Federal
Communications Commis ... act on our behalf in all matters relating to applications for
equipment authorization FCC ID: 2A4HD**WE-BB** including the signing of all
documents related to these matters. Any and all acts carried out ...
lang:en **score:18** filesize: 67.45 K page_count: 1 document date: 2022-03-08



[pdf] Declaration of Conformity Product Photos

Microsoft Word Test Setup Photos doc Administrator Wireless Express Inc WE BB Boomboxes 2A4HD
2A4HDWEBB we bb
Test Setup Photo Radiated Emission Page 1 of 2 FCC ID: 2A4HD-**WE-BB** Dongguan
Yaxu AiT Technology Limited No.22, Jinqianling 3rd Street, Jitigang, Huangjiang,
Dongguan, Guangdong, China. Conducted Emission Page 2 of 2 FCC ID:
2A4HD-**WE-BB** -----End----- Dongguan Yaxu AiT Technology Limite...
lang:en **score:17** filesize: 171.21 K page_count: 2 document date: 2022-03-08



[pdf] Declaration of Conformity Label

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2A4HD 2A4HDWEBB we bb
FCC ID Label FCC ID: 2A4HD-**WE-BB** ...
lang:en **score:17** filesize: 59.16 K page_count: 1 document date: 2022-03-08

FCC ID: 2A4HD-WE-BB

1.1. Applicable Standard

According to §1.1307(b)(1), systems operating under the provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy level in excess of the Commission's guidelines.

According to §1.1310 and §2.1003 RF exposure requirement

KDB-447-408 v06: Mobile and Portable Devices RF Exposure Procedures and Equipment Authorization Policies

1.2. Requirement

Access to ID604-001 Control Panel RF Exposure Guidance 008 Section 4.3.1 Bandwidth SAR Test
exclusion conditions. Unless specifically required by the published RF exposure ID604 procedures,
the following exclusion conditions are not required for compliance with the SAR test procedure,
by measurement or numerical simulation, nor required when the corresponding SAR Test Exclusion
Threshold condition, listed below, is satisfied. These test-exclusion conditions are based on square-wave
modulation, and may vary from those required for other modulation types. The minimum tolerance,
and the minimum test-separation distance required for the exposure condition 2c. The minimum
test separation distance is determined by the maximum electric field strength of the transmitting
antenna system, the antenna-to-body distance, the exposure condition, and plant location.
The minimum test separation distance must be maintained between the antenna system and
any part of the body or extremity of a user or bystander (see § 4 of section 4.1). To qualify for SAR test
exclusion conditions, the following conditions must be met:
• The equipment must be configured to transmit at its maximum power output, and the
configuration and mode of operation of the transmitter and applicable host platform are identical,
typical or representative of the actual use of the equipment;
• The RF measurement or SAR analysis report, according to the required published RF exposure ID604
procedures, must include the results of the SAR analysis performed for the equipment under test;
compliance must be included in the equipment approval, in lieu of the SAR report, to qualify for the SAR
test exclusion. When required, the device-specific details described in the other published RF exposure ID604
procedures must also be included in the SAR analysis report.
Examples of equipment configurations that do not require testing for compliance, such as two-way radios, handsets, laptops & tablets etc.29

• Δf : power of channel (including time over tolerance, mW/m^2) (min. test separation distance, m/m^2) $\times 10^3$ (GHz $\times 3\text{m}$ for 1-g SAR and $\times 7.5$ for 10-g extremity SAR, where:
 • f (GHz) is the RF channel/transmit frequency in GHz
 • Power and distance are rounded to the nearest 0.1 m and mm before calculation
 • The result is rounded to one decimal place for comparison
 • 3.0 and 7.5 are referred to as the numeric thresholds in the step 2 below
 The test exclusions are applicable only when the minimum test separation distance is ≤ 50 mm and for transmission frequencies between 100 MHz and 6 GHz. When the minimum test separation distance is ≤ 5 mm, a distance of 5 mm according to § in section 4.1 is applied to determine SAR test exclusion.

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