

## QFX J-300BT

# QFX J-300BT Rechargeable Cassette AM/FM/SW Radio Bluetooth Boombox

## User Manual

### 1. INTRODUCTION

Thank you for purchasing the QFX J-300BT Rechargeable Cassette AM/FM/SW Radio Bluetooth Boombox. This device combines retro aesthetics with modern functionality, offering a versatile audio experience. It features a cassette player and recorder, a 4-band radio (AM/FM/SW1-2), Bluetooth connectivity for wireless audio streaming, and USB recording capabilities. The J-300BT is designed for both home use and portability, operating on AC power, DC batteries, or its internal rechargeable battery.

This manual provides essential information for the safe and efficient operation of your boombox. Please read it thoroughly before use and retain it for future reference.

### 2. SAFETY INFORMATION

- **Power Source:** Use only the specified power adapter or batteries. Ensure the voltage matches the requirements of the unit.
- **Water and Moisture:** Do not expose the unit to rain, moisture, or immerse it in water. Avoid placing objects filled with liquids, such as vases, on the unit.
- **Heat:** Keep the unit away from heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- **Ventilation:** Ensure adequate ventilation. Do not block any ventilation openings.
- **Cleaning:** Unplug the unit from the power outlet before cleaning. Use a soft, dry cloth. Do not use liquid cleaners or aerosol cleaners.
- **Servicing:** Do not attempt to service this product yourself. Refer all servicing to qualified service personnel.
- **Batteries:** Dispose of used batteries according to local regulations. Do not expose batteries to excessive heat or direct sunlight.

- **Volume Level:** Prolonged listening at high volume levels can cause hearing damage. Adjust the volume to a moderate level.

### 3. PACKAGE CONTENTS

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Please check that all items listed below are included in your package:

- QFX J-300BT Boombox
- AC Power Cable
- Telescoping Antenna (pre-attached)
- Headphones
- Carrying Pouch
- Owner's Manual (this document)

### 4. PRODUCT OVERVIEW

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Familiarize yourself with the various controls and features of your QFX J-300BT boombox.



**Figure 4.1:** Front view of the QFX J-300BT boombox, showcasing the cassette deck, dual speakers, radio tuner display, and various control knobs and buttons.

#### Top Panel Controls



**Figure 4.2:** Detailed view of the top panel, illustrating the 3-band graphic equalizer (Bass, Middle, Treble), cassette player controls (Pause, Stop/Eject, F.FWD, REW, Play, Record), function selector, band selector, volume control, and tuning knob.

- **3-Band Graphic Equalizer:** Adjust Bass, Middle, and Treble levels.
- **Cassette Controls:** Standard buttons for tape operation (Play, Record, Rewind, Fast Forward, Stop/Eject, Pause).
- **Function Selector:** Switch between Tape, Radio, Bluetooth, USB/SD modes.
- **Band Selector:** Choose between AM, FM, SW1, SW2 radio bands.
- **Volume Control:** Adjust the audio output level.
- **Tuning Knob:** Fine-tune radio frequencies.
- **One Touch Recording Button:** Initiates recording to cassette.

## Side Panel Controls and Ports



**Figure 4.3:** Side view of the boombox, highlighting the main tuning knob and the headphone output jack for private listening.

- **Headphone Jack:** 3.5mm stereo output for connecting headphones.
- **USB Port:** For connecting USB flash drives for playback or recording.
- **SD Card Slot:** For connecting SD cards for playback or recording.
- **Built-in Microphone:** For voice recording to cassette or USB.

## Rear Panel





**Figure 4.4:** Rear view of the boombox, displaying the battery compartment for DC operation and the AC power input socket.

- **AC Power Input:** Connect the supplied AC power cable here.
- **Battery Compartment:** For installing DC batteries (not included) for portable use.

## 5. SETUP

### 5.1 Powering the Device

The QFX J-300BT offers three power options:

1. **AC Power:** Connect the supplied AC power cable to the AC input on the rear of the boombox and then to a standard wall outlet.
2. **DC Batteries:** For portable use without recharging, open the battery compartment on the rear and insert the required number of D-size batteries (not included), ensuring correct polarity.
3. **Rechargeable Battery:** The unit has a built-in rechargeable battery. Connect the AC power cable to charge the internal battery. The charging indicator (if present) will illuminate.

### 5.2 Initial Charging

Before first use, it is recommended to fully charge the internal rechargeable battery. Connect the boombox to AC power for approximately 4-6 hours. The unit can be used while charging.

## 6. OPERATING INSTRUCTIONS

### 6.1 Radio Operation (AM/FM/SW1-2)

1. Set the **Function Selector** to 'Radio'.
2. Select the desired band (AM, FM, SW1, or SW2) using the **Band Selector**.
3. Extend the telescoping antenna for optimal FM and SW reception. For AM, rotate the unit for best reception.

4. Rotate the **Tuning Knob** to search for radio stations.
5. Adjust the **Volume Control** to your preferred listening level.

## 6.2 Cassette Player/Recorder Operation

### Playing a Cassette Tape

1. Set the **Function Selector** to 'Tape'.
2. Press the **Stop/Eject** button to open the cassette compartment.
3. Insert a cassette tape with the open edge facing upwards. Close the compartment.
4. Press the **Play** button to start playback.
5. Use **F.FWD** or **REW** to fast forward or rewind the tape.
6. Press **Pause** to temporarily stop playback, and press again to resume.
7. Press **Stop/Eject** to stop playback and eject the tape.

### Recording to Cassette Tape

You can record from the radio, Bluetooth, USB/SD, or the built-in microphone to a cassette tape.

1. Insert a recordable cassette tape into the compartment.
2. Select the desired input source (Radio, Bluetooth, USB/SD, or ensure the microphone is active).
3. Press the **Record** button (red button). The Play button will also engage simultaneously.
4. To stop recording, press the **Stop/Eject** button.
5. For 'One Touch Recording', ensure the desired audio source is playing, then press the 'One Touch Recording' button. This will automatically start recording to the cassette.

## 6.3 Bluetooth Pairing

1. Set the **Function Selector** to 'Bluetooth'. The unit will enter pairing mode, indicated by a flashing Bluetooth indicator.
2. Enable Bluetooth on your mobile device (smartphone, tablet, etc.).
3. Search for available devices and select "QFX J-300BT" (or similar name) from the list.
4. Once paired, the Bluetooth indicator will stop flashing, and you can play audio from your device through the boombox.

## 6.4 USB/SD Playback and Recording

### Playback

1. Insert a USB flash drive into the USB port or an SD card into the SD card slot.
2. Set the **Function Selector** to 'USB/SD'. The unit will automatically begin playing compatible audio files.
3. Use the playback controls (Play/Pause, Next/Previous Track) to navigate your music.

### Recording to USB/SD

You can record audio from the radio, cassette, or built-in microphone directly to a USB flash drive or SD card.

1. Insert a USB flash drive or SD card with sufficient free space.
2. Select the desired input source (Radio, Tape, or ensure the microphone is active).

3. Press the dedicated **USB Record** button (if available) or follow the general recording procedure for the selected source, ensuring the output is directed to USB/SD.
4. Press the **Stop** button to end the recording.

## 7. MAINTENANCE

- **Cleaning:** Wipe the exterior of the unit with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Cassette Head Cleaning:** Periodically clean the cassette heads, pinch roller, and capstan with a cotton swab lightly dampened with isopropyl alcohol to ensure optimal sound quality and prevent tape damage.
- **Storage:** When not in use for extended periods, store the boombox in a cool, dry place, away from direct sunlight and extreme temperatures. Remove DC batteries if not using for a long time.
- **Battery Care:** To prolong the life of the internal rechargeable battery, avoid fully discharging it frequently. Recharge it regularly, even if the unit is not in constant use.

## 8. TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	AC cable not connected; DC batteries depleted or incorrectly inserted; Internal battery depleted.	Check AC connection; Replace/reinsert DC batteries; Charge internal battery.
No sound	Volume too low; Headphones connected; Incorrect function selected.	Increase volume; Disconnect headphones; Select correct function (Radio, Tape, Bluetooth, USB/SD).
Poor radio reception	Antenna not extended; Weak signal; Interference.	Extend and adjust telescoping antenna; Reposition the unit; Try tuning to a stronger station.
Cassette tape not playing/recording	Tape inserted incorrectly; Tape damaged; Cassette heads dirty.	Reinsert tape correctly; Try a different tape; Clean cassette heads.
Bluetooth not pairing	Boombox not in pairing mode; Device too far; Bluetooth off on source device.	Ensure function is set to 'Bluetooth'; Move device closer; Enable Bluetooth on source device and rescan.
USB/SD not recognized	Incorrect format; Drive/card damaged; Incorrect function selected.	Ensure USB/SD is FAT32 formatted; Try a different drive/card; Select 'USB/SD' function.

## 9. SPECIFICATIONS

Feature	Description
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Feature	Description
Model Number	J-300BT
Product Dimensions	13.39 x 3.15 x 6.69 inches (34 x 8 x 17 cm)
Item Weight	4.4 pounds (2 kg)
Power Source	AC 120V/60Hz, DC Battery (D-size, not included), Rechargeable Battery
Connectivity Technology	Bluetooth, USB
Tuner Technology	AM, FM, SW1, SW2
Special Features	Rechargeable, Bluetooth, Cassette Player/Recorder, USB Recording, Built-in Microphone
Color	Black
Manufacturer	QFX

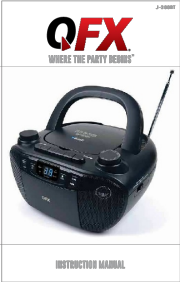
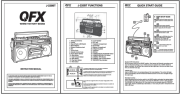
## 10. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please visit the official QFX website or contact their customer service department. Please have your product model number (J-300BT) and purchase details available when seeking support.





**QFX Official Website:** [www.qfxusa.com](http://www.qfxusa.com)

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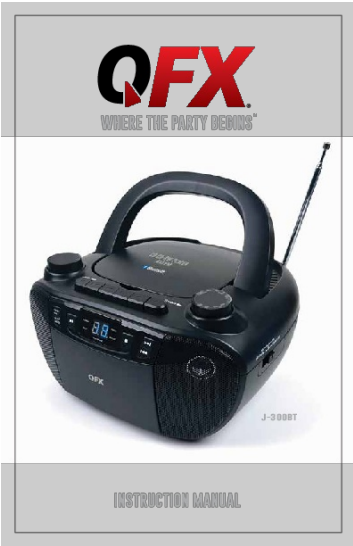
### Related Documents - J-300BT

	<p><a href="#">QFX J-300BT Bluetooth CD/Cassette/Radio/USB Boombox Instruction Manual</a></p> <p>Comprehensive instruction manual for the QFX J-300BT Bluetooth CD/Cassette/Radio/USB Boombox, detailing setup, operation, and maintenance.</p>
	<p><a href="#">QFX J-220BT Boombox Instruction Manual</a></p> <p>Comprehensive instruction manual for the QFX J-220BT Boombox, covering setup, operation, features like Bluetooth, USB/SD playback, radio, and cassette recording. Includes safety precautions and troubleshooting.</p>



	<p><a href="#">QFX J-230BT Bluetooth Boombox Instruction Manual and Warranty</a></p> <p>Comprehensive guide for the QFX J-230BT Bluetooth Boombox, covering setup, operation, safety precautions, and the limited product warranty policy.</p>
	<p><a href="#">QFX J-49U Portable Stereo System Operational Manual</a></p> <p>Comprehensive operational manual for the QFX J-49U portable stereo system. Covers setup, cassette, CD, radio, Bluetooth, USB playback, recording functions, maintenance, battery usage, and remote control operation. Includes detailed specifications.</p>
	<p><a href="#">QFX J-114U Portable Radio Boombox - Operating Instructions</a></p> <p>Detailed operating instructions for the QFX J-114U portable radio and boombox, covering setup, radio tuning, and USB/SD/TF MP3 playback.</p>
	<p><a href="#">QFX RETRO-39 Portable Shoebox Cassette Recorder Instruction Manual</a></p> <p>Detailed instruction manual for the QFX RETRO-39 portable shoebox style cassette recorder, covering its features, operation, maintenance, and technical specifications, including USB playback and cassette recording.</p>

Documents - QFX – J-300BT



[pdf] User Manual Guide

J 300BT MANUAL sm Retailer Web Services Enable Bluetooth on your device and search for QFX Select the to connect 5 After successfully paired unit fryflcltbztr images webfronts cache |||

TM **J-300BT** 1 2 6 3 VOLUME TUNER 5 4 **J-300BT** GUIDE 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 1. Antena telescpica 25 1. Telescoping Antenna 2. Puerta de CD 2. CD Door 3. Control del volumen 3. Volume Control 4. Controles de cinta de casete Reproducir, Grabar, Siguiente,...

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[QFX J-300BT Bluetooth CD/Cassette/Radio/USB Boombox Instruction Manual](#)

Comprehensive instruction manual for the QFX J-300BT Bluetooth CD/Cassette/Radio/USB Boombox, detailing setup, operation, and maintenance.  
lang:es **score:40** filesize: 4.39 M page\_count: 12 document date: 2025-08-07

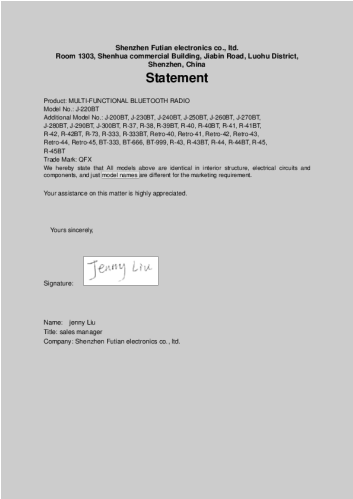
[\[pdf\] User Manual Troubleshooting Guide Documentation Warranty Catalog](#)

QFX Warranty Card 2021 Document QFXÂ® BluetoothÂ® CD Cassette Radio USB Boom Box Black J 300BT 6894e4dcedcd7812907864 fa227e2b1ecc419c10da58a4bd2fc75be34fb1ea other warranty QFXJ300BT petra attachment 9738576 DocumentWarranty DocumentQFXÂ® Portable Rechargeable Emergency FM with Built in LED Flashlight R 10Ce0385f6d7d2a813e7a3f745960a1a3ecc4547c47 QFXR10Cpetra QFXJ300BTpetra 9738583 6894e4e97027f132024983 e0385f6d7d2a813e7a3f745960a1a3ecc4547c47 QFXR10C 10CQFX AM Shortwave Bluetooth and Solar Panel 52 The Home Depote0385f6d7d2a813e7a3f745960a1a3ecc4547c47 QFXR10C2561bbd4 1455 4df0 b711 5548176ee38epetra QFXR10Cimages thdstatic catalog Images 25 2561bbd4 5548176ee38e |||

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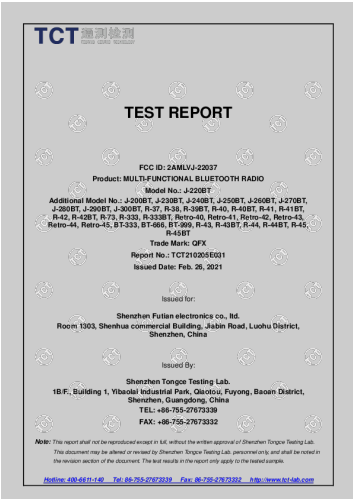




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Microsoft Word 10 Model Statement Administrator model difference letter Shenzhen Futian electronics co  
Ltd J 22037 MULTI FUNCTIONAL BLUETOOTH RADIO 2AMLVJ 2AMLVJ22037 j  
Shenzhen Futian electronics co., Ltd. Room 1303, Shenhua commercial Building,  
Jiabin Road, Luohu District, Shenzhen, China Statement Product: MULTI-  
FUNCTIONAL BLUETOOTH RADIO Model No.: J-220BT Additional Model No.: J-  
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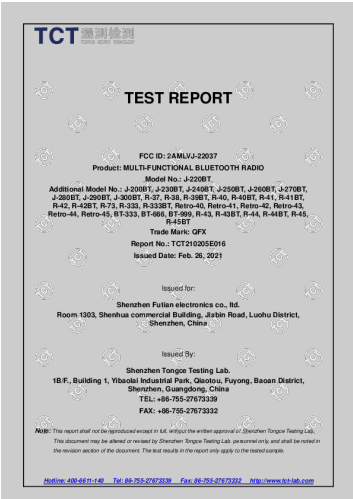
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[pdf] Test Report

CE EMC TEST REPORT Harris DTS REP Shenzhen Futian electronics co Ltd J 22037 MULTI  
FUNCTIONAL BLUETOOTH RADIO 2AMLVJ 2AMLVJ22037 j  
TEST REPORT FCC ID: 2AMLVJ-22037 Product: MULTI-FUNCTIONAL  
BLUETOOTH RADIO Model No.: J-220BT Additional Model No.: J-200BT, J-230BT,  
J-240BT, J-250BT, J-260BT, J-270BT, J-280BT, J-290BT, **J-300BT**, R-37, R-38, R-  
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[pdf] Test Report

CE EMC TEST REPORT Harris DSS REP P1 Shenzhen Futian electronics co Ltd J 22037 MULTI  
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TEST REPORT FCC ID: 2AMLVJ-22037 Product: MULTI-FUNCTIONAL  
BLUETOOTH RADIO Model No.: J-220BT Additional Model No.: J-200BT, J-230BT,  
J-240BT, J-250BT, J-260BT, J-270BT, J-280BT, J-290BT, **J-300BT**, R-37, R-38, R-  
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