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› **QFX J-220BT Blue Boombox MP3 Conversion from Radio to Cassette with 4-Band (AM, FM, SW1, SW2) Radio with Bluetooth, Dual 3" Speakers, Built-in Microphone, Recorder, and a 3-Band Equalizer User Manual**

QFX J-220BT - Blue

QFX J-220BT Boombox Instruction Manual

Model: J-220BT - Blue

PRODUCT OVERVIEW

The QFX J-220BT is a versatile boombox designed for both vintage audio enthusiasts and modern music listeners. It features a 4-band radio (AM, FM, SW1, SW2), a cassette player and recorder, Bluetooth connectivity for wireless streaming, and USB/SD card playback. Equipped with dual 3-inch speakers, a built-in microphone, and a 3-band equalizer, it offers a comprehensive audio experience. Its portable design with a swivel handle allows for easy transport, powered by either AC or D-cell batteries.



Figure 1: Front view of the QFX J-220BT Blue Boombox, showcasing the cassette deck, radio tuner, and speaker grilles.

SETUP

Powering the Unit

The J-220BT boombox can be powered in two ways:

- **AC Power:** Connect the included power cord to the AC input jack on the unit and then to a standard wall outlet.
- **Battery Power:** For portable use, insert 4 x "D" cell batteries (not included) into the battery compartment located on the back of the unit. Ensure correct polarity (+/-) when inserting batteries.



Figure 2: Top view of the QFX J-220BT, highlighting the control panel including the 3-band graphic equalizer and function selectors.

OPERATING INSTRUCTIONS

1. Radio Operation

1. Extend the telescopic antenna for optimal reception.
2. Set the **FUNCTION** switch to "RADIO".
3. Select the desired band (AM, FM, SW1, SW2) using the **BAND** switch.
4. Rotate the **TUNING** knob to find your desired station.
5. Adjust the volume using the **VOLUME** knob.

2. Cassette Player/Recorder Operation

1. Press the **STOP/EJECT** button to open the cassette compartment.
2. Insert a cassette tape with the open edge facing upwards. Close the compartment.
3. Set the **FUNCTION** switch to "TAPE".
4. Use the control buttons:
 - **PLAY:** To begin playback.
 - **REW (Rewind):** To rewind the tape.
 - **F.FWD (Fast Forward):** To fast forward the tape.
 - **STOP/EJECT:** To stop playback or eject the tape.
 - **PAUSE:** To temporarily stop playback.

Recording to Cassette

- **From Radio:** Tune to your desired radio station. Insert a blank cassette. Press the **REC (Record)** button. Press **PLAY** simultaneously to begin recording. Press **STOP** to end recording.
- **From Built-in Microphone:** Set the **FUNCTION** switch to "TAPE". Insert a blank cassette. Press the **REC (Record)** button. Press **PLAY** simultaneously. Speak into the built-in microphone. Press **STOP** to end recording.

3. Bluetooth Connectivity

1. Set the **FUNCTION** switch to "BT". The unit will enter pairing mode, indicated by a flashing Bluetooth indicator.
2. On your mobile device, enable Bluetooth and search for "QFX J-220BT".
3. Select "QFX J-220BT" to pair. Once connected, the Bluetooth indicator will stop flashing.
4. You can now stream audio wirelessly from your device to the boombox.

4. USB/SD Music Playback

1. Insert a USB flash drive or SD/TF card (with MP3 audio files) into the respective slot.
2. Set the **FUNCTION** switch to "MP3". The unit will automatically begin playing the first compatible audio file.
3. Use the playback control buttons (Play/Pause, Next, Previous) to navigate your music.

MP3 Conversion from Cassette/Radio to USB/SD

The J-220BT allows you to archive your old cassette tape collection or radio broadcasts to digital MP3 format on USB drives and TF cards.

1. Insert a USB flash drive or SD/TF card into the respective slot.
2. Select the source you wish to record from (Radio or Tape).
3. For Tape: Ensure the cassette is inserted and ready to play.
4. Press the **REC/MP3** button. The unit will begin recording the audio from the selected source to the USB/SD card.
5. Press the **STOP** button to end the recording.

5. 3-Band Equalizer

Use the **BASS**, **MIDDLE**, and **TREBLE** knobs on the top panel to adjust the tonal balance of the audio output to your preference.



Figure 3: Angled view of the QFX J-220BT Blue Boombox, showing the extended antenna for radio reception and the side tuning knob.

MAINTENANCE

- Cleaning:** Use a soft, dry cloth to clean the exterior of the unit. Do not use abrasive cleaners or solvents.
- Cassette Deck Care:** Regularly clean the tape heads and pinch rollers using 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, remove batteries and store the unit in a cool, dry place away from direct sunlight and extreme temperatures.

TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No power	AC cord not properly connected; Batteries drained or incorrectly inserted.	Check AC cord connection; Replace batteries or ensure correct polarity.
Poor radio reception	Antenna not extended; Weak signal.	Fully extend the telescopic antenna; Reposition the unit for better signal.
Cassette tape not playing/recording	Tape incorrectly inserted; Tape heads dirty; Tape damaged.	Reinsert tape correctly; Clean tape heads; Try a different tape.
Bluetooth not connecting	Unit not in pairing mode; Device too far; Previously paired device interfering.	Ensure unit is in BT mode; Move device closer; Disconnect from other Bluetooth devices.
USB/SD not playing	Unsupported file format; Corrupted files; Incorrect function mode.	Ensure files are MP3; Reformat USB/SD; Set function to MP3.

SPECIFICATIONS

- Product Dimensions:** 13.98 x 3.82 x 7.17 inches
- Item Weight:** 4 pounds
- Model Number:** J-220BT - Blue
- Brand:** QFX
- Connectivity Technology:** Auxiliary, Bluetooth, USB
- Color:** Blue
- Speaker Type:** Stereo
- Speakers:** Dual 3-inch speakers
- Radio Bands:** AM, FM, SW1, SW2
- Equalizer:** 3-Band Graphic Equalizer
- Microphone:** Built-in
- Power Source:** AC Power / 4 x "D" Cell Batteries (not included)
- Included in Box:** Power Cord

WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the contact details provided with your product packaging or visit the official QFX website. Keep your purchase receipt as proof of purchase for any warranty claims.

This product may be eligible for extended protection plans. Please check with your retailer for available options.

 QFX J-220BT Boombox Instruction Manual <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>	
 QFX RETRO-39 Portable Shoebox Cassette Recorder Instruction Manual <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>	
 QFX J-230BT Bluetooth Boombox Instruction Manual and Warranty <p>Comprehensive guide for the QFX J-230BT Bluetooth Boombox, covering setup, operation, safety precautions, and the limited product warranty policy.</p>	
 QFX J-49U Portable Stereo System Operational Manual <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>	
 QFX J-300BT Bluetooth CD/Cassette/Radio/USB Boombox Instruction Manual <p>Comprehensive instruction manual for the QFX J-300BT Bluetooth CD/Cassette/Radio/USB Boombox, detailing setup, operation, and maintenance.</p>	
 QFX RETRO-39 Cassette Recorder with USB Port - Instruction Manual <p>Instruction manual for the QFX RETRO-39 Shoes Box Style Cassette Recorder with USB Port, detailing its features, operation, maintenance, and specifications.</p>	