

QFX R-37-BL

QFX R-37-BL 6-Band Bluetooth Solar Radio with LED Flashlight User Manual

Model: R-37-BL

1. INTRODUCTION

This manual provides detailed instructions for the operation and maintenance of your QFX R-37-BL 6-Band Bluetooth Solar Radio with LED Flashlight. Please read this manual thoroughly before using the device to ensure proper function and safety. This versatile radio is designed for portability and includes multiple power options, making it suitable for various indoor and outdoor activities.

2. PRODUCT FEATURES

- **6-Band Radio:** Receives AM, FM, and Shortwave (SW1-SW4) frequencies.
- **Bluetooth Connectivity:** Wirelessly connect your devices for audio playback.
- **Integrated LED Flashlight:** Provides illumination for various situations.
- **Solar Charging:** Built-in solar panel for eco-friendly battery recharging.
- **Rechargeable Battery:** Includes a removable lithium-ion battery.
- **USB & TF Card Playback:** Play audio files directly from USB drives or TF cards.
- **USB Charging Port:** Output for charging external 5V USB devices.
- **Headphone Jack:** For private listening.
- **Telescopic Antenna:** Enhances radio signal reception.
- **Compact and Portable Design:** Lightweight with a carrying strap for easy transport.

2.1 Product Overview



Figure 1: Front view of the QFX R-37-BL radio, displaying the speaker, frequency display, and main control buttons.

R-37



THE **R-37** IS A RECHARGEABLE PORTABLE BLUETOOTH RADIO! IT FEATURES SOLAR CELLS FOR RECHARGE, AM/FM/SW 1- 4, USB AND TF CARD PORTS, AN LED FLASH LIGHT, A REPLACEABLE LITHIUM BATTERY, A HEADPHONE OUTPUT, A USB 5V OUTPUT, AND A MICRO USB INPUT.

Figure 2: Detailed diagram highlighting key components of the QFX R-37-BL, including the solar panel, LED flashlight, USB and TF card ports, charging port, and various controls.



Figure 3: Side view of the radio, illustrating the tuning dial, volume control, headphone jack, DC 5V input, and the flashlight power switch.

3. SAFETY INFORMATION

- Do not expose the device to extreme temperatures, direct sunlight for prolonged periods (beyond charging), or high humidity.
- Keep the device away from water and other liquids.
- Do not attempt to disassemble or modify the device. This will void the warranty and may cause damage or injury.
- Use only the specified charging cable and power adapter (if applicable) to charge the device.
- Dispose of batteries according to local regulations.
- Keep out of reach of children.

4. SETUP

4.1 Battery Installation and Initial Charging

1. Locate the battery compartment on the back of the radio.
2. Open the compartment cover.
3. Insert the provided rechargeable lithium-ion battery, ensuring correct polarity.
4. Close the battery compartment cover securely.
5. For first use, fully charge the radio using the included USB charging cord connected to a 5V USB power source. The charging indicator light will illuminate during charging and turn off when fully charged.



Figure 4: Rear view of the radio with the battery compartment open, showing the removable rechargeable battery.

4.2 Solar Charging

The radio features a built-in solar panel for convenient charging. Place the radio with the solar panel facing direct sunlight. The solar charging indicator will light up. Solar charging is slower than USB charging and is best used for maintaining charge or in emergency situations.



Figure 5: The solar panel on the side of the radio, shown in an extended position for optimal sun exposure.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off

Locate the power switch (usually a slider) on the front or side of the unit. Slide it to the 'ON' position to power on the radio. Slide it to 'OFF' to power off.

5.2 Radio Operation (AM/FM/SW)

1. Extend the telescopic antenna for better reception.
2. Use the 'FUNCTION' button or switch to select the desired band: FM, AM, SW1, SW2, SW3, or SW4.
3. Rotate the 'TUNING' dial (located on the side) to scan for radio stations.
4. Adjust the 'VOLUME' dial to your preferred listening level.

5.3 Bluetooth Connectivity

1. Switch the radio to Bluetooth mode (often labeled 'BT' or indicated by a Bluetooth icon). The radio will enter pairing mode, usually indicated by a flashing light or an audible prompt.
2. On your mobile device, enable Bluetooth and search for available devices.
3. Select 'QFX R-37' (or similar name) from the list of devices to pair.
4. Once paired, you can play audio from your device through the radio.

5.4 USB/TF Card Playback

1. Insert a USB flash drive or TF card (with compatible audio files) into the respective port.
2. Switch the radio to MP3 mode (often labeled 'MP3' or 'USB/TF'). The radio should automatically begin playing audio files.
3. Use the playback control buttons (Play/Pause, Next/Previous Track) on the radio to manage your audio.

5.5 LED Flashlight Operation

Locate the flashlight switch (often a slider or button) on the side of the radio. Slide or press it to turn the LED flashlight on or off.

5.6 Charging External Devices

The radio features a 5V USB output port. Connect your external device (e.g., smartphone) to this port using its USB charging cable. The radio's internal battery will provide power to charge your device. Note that this will drain the radio's battery.

6. MAINTENANCE

- Clean the radio with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- Ensure the solar panel is clean and free of debris for efficient charging.
- If the radio will not be used for an extended period, fully charge the battery and store it in a cool, dry place.
- Periodically check the battery for any signs of damage or leakage.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Radio does not power on.	Battery is depleted or not installed correctly.	Ensure battery is correctly installed and fully charged.
Poor radio reception.	Antenna not extended, weak signal, or interference.	Fully extend the telescopic antenna. Try repositioning the radio.
Bluetooth device cannot pair.	Radio not in pairing mode, device too far, or already paired.	Ensure radio is in Bluetooth pairing mode. Move device closer. Disconnect from other Bluetooth devices.
USB/TF card not playing.	Incorrect mode, unsupported file format, or corrupted card.	Ensure radio is in MP3 mode. Check file formats (e.g., MP3). Try a different USB drive or TF card.
Flashlight not working.	Battery is low or flashlight switch is off.	Charge the radio's battery. Ensure the flashlight switch is in the 'ON' position.

8. SPECIFICATIONS

- **Model:** R-37-BL
- **Dimensions:** 6.1 x 2.28 x 3.43 inches (15.5 x 5.8 x 8.7 cm)
- **Weight:** 15.8 ounces (448 grams)
- **Radio Bands:** AM, FM, SW1, SW2, SW3, SW4

- **Connectivity:** Bluetooth, USB, TF Card
- **Power Source:** Solar Powered, Rechargeable Lithium-Ion Battery, DC 5V USB Input
- **Included Components:** Radio, removable rechargeable battery, USB charging cord

9. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please visit the official QFX website or contact their customer service department. Keep your purchase receipt as proof of purchase for warranty claims.