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QFX PBX-2012

QFX PBX-2012 Dual 12" Bluetooth Portable PA Speaker User Manual

Model: PBX-2012 | Brand: QFX

Introduction

Thank you for purchasing the QFX PBX-2012 Dual 12" Bluetooth Portable PA Speaker. This manual provides detailed instructions for the setup, operation, maintenance, and troubleshooting of your new speaker. Please read this manual thoroughly before using the product to ensure proper function and to maximize your listening experience.



Image: The QFX PBX-2012 speaker, a large black unit with two prominent 12-inch woofers featuring colorful LED circle lights. A black remote control is visible in the foreground. This image illustrates the speaker's primary appearance and included accessory.

Important Safety Instructions

To reduce the risk of electric shock, fire, or injury, always follow these basic safety precautions:

- Read all instructions before operating the appliance.
- Keep this manual for future reference.
- Do not expose this appliance to rain or moisture.
- Do not block any ventilation openings.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- Protect the power cord from being walked on or pinched.
- Only use attachments/accessories specified by the manufacturer.
- Unplug this appliance during lightning storms or when unused for long periods of time.
- Refer all servicing to qualified service personnel.

Key Features

- **Explosive Sound:** Dual 12" speaker equipped with bass and treble controls, LED circle lights, FM radio, and Bluetooth compatibility.
- **True Wireless Stereo (TWS) Connectivity:** Allows connection of a second QFX PBX-2012 speaker for wireless stereo sound.
- **Versatile Inputs:** Features USB and TF card ports, AUX input, and microphone inputs for various audio sources.
- **Adaptable Placement:** Can be positioned horizontally or vertically to suit different environments and events.
- **Rechargeable Battery:** Includes an AC adapter for quick charging of the internal battery, providing extended playtime.

Package Contents

Ensure all items are present upon unboxing:

- QFX PBX-2012 Speaker Unit
- AC Power Adapter
- Remote Control
- User Manual (this document)

Controls and Ports Overview

Familiarize yourself with the control panel located on the rear of the speaker:



Image: A close-up view of the QFX PBX-2012 speaker's rear panel, clearly showing various knobs, buttons, and ports. Labels point to each component, including TF Card Input, USB Input, Volume Control, AUX Input, Treble Control, Bass Control, Echo Control, Mic Volume Control, Mic Input, Power Switch, LED Switch, and Battery Input.

1. **TF Card Input:** Insert a TF (MicroSD) card for audio playback.
2. **USB Input:** Insert a USB flash drive for audio playback.
3. **Volume Control:** Adjusts the overall master volume of the speaker.
4. **AUX Input:** Connect external audio devices using a 3.5mm AUX cable.
5. **Treble Control:** Adjusts the high-frequency sound output.
6. **Bass Control:** Adjusts the low-frequency sound output.
7. **Echo Control:** Adjusts the echo effect for microphone input.
8. **Mic Volume Control:** Adjusts the volume level of the connected microphone.
9. **Mic Input:** Connect a wired microphone (6.35mm jack).
10. **Power Switch:** Turns the speaker ON or OFF.
11. **LED SW (Switch):** Controls the LED circle lights.
12. **Battery Input:** Connect the AC power adapter for charging and direct power.

13. **Mode Button:** Switches between input modes (Bluetooth, AUX, USB, TF, FM).
14. **Play/Pause Button:** Controls playback for media.
15. **Previous/Next Track Buttons:** Navigates through tracks.
16. **TWS Button:** Initiates True Wireless Stereo pairing.
17. **FM Scan Button:** Automatically scans and saves FM radio stations.

Setup

Charging the Speaker

Before first use, it is recommended to fully charge the speaker's internal battery. Connect the included AC power adapter to the "Battery Input" port on the rear panel and plug the other end into a standard wall outlet. The charging indicator will illuminate. Once fully charged, the indicator may change color or turn off depending on the model.



Image: The QFX PBX-2012 speaker with a graphic overlay symbolizing a rechargeable battery and indicating "Power to Last Day and Night," highlighting its long battery life.

Initial Power On

Flip the "Power" switch on the rear panel to the ON position. The display will light up, indicating the speaker is ready for use.

Speaker Orientation

The QFX PBX-2012 can be used in both vertical and horizontal orientations, allowing for flexible placement depending on your space and audio needs.



Image: Two views of the QFX PBX-2012 speaker, one standing vertically and one lying horizontally, with measurements (33.07in, 13.78in, 13.39in) indicating its dimensions and adaptability for different placements.

Operating Instructions

Bluetooth Pairing

1. Turn on the speaker. The speaker will automatically enter Bluetooth mode, or you can press the "Mode" button until "Bluetooth" is displayed.
2. Enable Bluetooth on your mobile device (smartphone, tablet, etc.).
3. Search for "QFX PBX-2012" in your device's Bluetooth list and select it to pair.
4. Once paired, the speaker will emit a confirmation sound, and you can begin playing audio from your device.

True Wireless Stereo (TWS) Connection

To connect two QFX PBX-2012 speakers for a true wireless stereo experience:

1. Ensure both PBX-2012 speakers are powered on and in Bluetooth mode.
2. On one of the speakers, press and hold the "TWS" button. The speaker will emit a sound indicating it is searching for another speaker.
3. The two speakers will automatically connect to each other. A confirmation sound will indicate successful TWS pairing.
4. Now, connect your mobile device to one of the paired speakers via Bluetooth (as described above). Audio will play in stereo through both speakers.



Image: Two QFX PBX-2012 speakers standing upright, glowing with blue light, illustrating the True Wireless Stereo (TWS) feature for immersive sound.

USB/TF Card Playback

1. Insert a USB flash drive or TF (MicroSD) card containing MP3 audio files into the respective port.
2. The speaker will automatically switch to USB/TF mode and begin playing the first track. If not, press the "Mode" button to select the correct input.
3. Use the Play/Pause and Previous/Next Track buttons to control playback.

AUX Input

1. Connect one end of a 3.5mm audio cable (not included) to the AUX input port on the speaker.
2. Connect the other end to the audio output jack of your external device (e.g., smartphone, MP3 player).
3. Press the "Mode" button until "AUX" is displayed. Audio from your external device will now play through the speaker.

FM Radio

1. Press the "Mode" button until "FM" is displayed.
2. Press the "FM Scan" button to automatically scan and save available FM radio stations.
3. Use the Previous/Next Track buttons to navigate between saved stations.

Microphone Usage

1. Connect a wired microphone (not included) to the "Mic Input" port.
2. Adjust the "Mic Volume Control" knob to set the microphone's volume level.
3. Use the "Echo Control" knob to add or remove an echo effect to the microphone's sound.

LED Light Control

Flip the "LED SW" (LED Switch) on the rear panel to turn the LED circle lights ON or OFF.

Maintenance

Cleaning

- Always unplug the speaker from the power source before cleaning.
- Use a soft, dry cloth to wipe the exterior surfaces of the speaker.
- Do not use abrasive cleaners, waxes, or solvents as they may damage the finish.
- Avoid getting moisture into any openings.

Storage

- Store the speaker in a cool, dry place away from direct sunlight and extreme temperatures.
- If storing for an extended period, it is recommended to charge the battery every few months to maintain its lifespan.



Image: A person from behind, walking and pulling the QFX PBX-2012 speaker on its integrated wheels, emphasizing its portability and ease of transport.

Troubleshooting

If you encounter issues with your QFX PBX-2012 speaker, refer to the table below for common problems and solutions:

Problem	Possible Cause	Solution
No power	Battery is drained; Power switch is OFF; AC adapter not connected properly.	Charge the speaker; Ensure power switch is ON; Check AC adapter connection.
No sound	Volume is too low; Incorrect input mode selected; Device not connected properly.	Increase volume; Press "Mode" button to select correct input (Bluetooth, AUX, USB, TF, FM); Reconnect device.

Problem	Possible Cause	Solution
Bluetooth not connecting	Speaker not in Bluetooth mode; Device Bluetooth is off; Speaker is already connected to another device; Too far from speaker.	Press "Mode" to select Bluetooth; Enable Bluetooth on your device; Disconnect from other devices; Move device closer to speaker (within 30 ft).
TWS connection failed	Only one speaker is in TWS pairing mode; Speakers are too far apart.	Ensure both speakers are on and in Bluetooth mode before initiating TWS; Place speakers closer together.
USB/TF card not playing	Incorrect file format; Card/drive not inserted correctly; Speaker not in USB/TF mode.	Ensure files are MP3 format; Reinsert card/drive firmly; Press "Mode" to select USB/TF.

Specifications

Feature	Detail
Model Number	PBX-2012
Brand	QFX
Mounting Type	Tabletop
Power Source	Battery Powered
Connector Type	Aux
Material	Plastic, Metal
Number of Channels	2
Audio Input	Microphone, AUX
Recommended Uses	Indoor/Outdoor
UPC	606540041208
Product Dimensions (L x W x H)	33.07 x 13.78 x 13.39 inches
Item Weight	31.1 pounds
Connectivity Technology	Bluetooth
Color	Blue, Green, Teal
Compatible Devices	Smartphone

Warranty and Support

For information regarding warranty coverage, technical support, or service inquiries for your QFX PBX-2012 speaker, please refer to the warranty card included with your purchase or visit the official QFX website. You may also contact QFX customer support directly for assistance.

Note: Protection plans may be available for purchase separately. Please check with your retailer for details.

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