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> QFX SBX-1504BTL PA Speaker with Built-in Amplifier, EQ, LED Light, Bluetooth, USB, and FM User Manual

QFX SBX-1504BTL

QFX SBX-1504BTL PA Speaker System User Manual

Model: SBX-1504BTL

INTRODUCTION

Thank you for purchasing the QFX SBX-1504BTL PA Speaker System. This 2-way Bluetooth music streaming speaker features an integrated amplifier, a durable steel cabinet with a plastic frame, and dynamic LED lighting. Designed for powerful audio performance, it includes multiple input options, a USB player, FM radio, and an equalizer for versatile sound control. Please read this manual thoroughly before operating the unit to ensure proper use and to maximize its performance.

IMPORTANT SAFETY INSTRUCTIONS

- Read these instructions carefully before use.
- Keep these instructions for future reference.
- Heed all warnings on the product and in the operating instructions.
- Follow all instructions.
- Do not use this apparatus near water.
- Clean only with a dry cloth.
- Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding-type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- Only use attachments/accessories specified by the manufacturer.
- Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
- Unplug this apparatus during lightning storms or when unused for long periods of time.

- Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

PACKAGE CONTENTS

Please check that all items are present and in good condition upon opening the package:

- QFX SBX-1504BTL PA Speaker System
- Power Cable (AC 120-240V compatible)
- 3.5 mm Male to 2 RCA Cable
- USB Player Remote Control
- User Manual (this document)

PRODUCT OVERVIEW

Familiarize yourself with the main components and features of your QFX SBX-1504BTL speaker.



Figure 1: Front View. This image shows the front of the QFX SBX-1504BTL PA speaker. The large woofer is visible, surrounded by a ring of bright LED lights. A handle is integrated into the top of the speaker for portability.



Figure 2: Rear Control Panel. This image displays the rear panel of the speaker, which houses the main control interface. Visible elements include the master volume knob, a graphic equalizer, various input jacks (XLR, 1/4" TRS, RCA), a USB port, an SD card slot, and the power switch. The model number "MODEL: SBX-1504BTL" is printed below the control panel. Wheels are visible at the bottom for easy transport.



Figure 3: Side View. This image shows the side profile of the QFX SBX-1504BTL speaker. A robust side handle is prominently featured, designed for comfortable lifting and carrying. The wheels at the bottom are also visible, indicating the speaker's portability.

Key Components:

- **15-inch Woofer:** Provides powerful bass and mid-range audio.
- **44mm Titanium Diaphragm Tweeter:** Delivers clear high frequencies.
- **LED Light Ring:** Illuminates the woofer for visual effects.
- **Control Panel:** Located on the rear, includes all inputs, outputs, and controls.
- **Integrated Amplifier:** Powers the speaker for high output.
- **Handles and Wheels:** For easy transport and portability.

SETUP

1. **Unpacking:** Carefully remove the speaker from its packaging. Retain the packaging for future transport or storage.
2. **Placement:** Place the speaker on a stable, flat surface. Ensure there is adequate ventilation around the unit. Avoid placing it near heat sources or in direct sunlight.
3. **Power Connection:**
 - Ensure the speaker's power switch is in the "OFF" position.
 - Connect the provided power cable to the AC input on the rear of the speaker.
 - Plug the other end of the power cable into a suitable AC 120-240V, 50/60Hz power outlet.
4. **Initial Power On:** Flip the power switch to the "ON" position. The LED lights on the woofer should illuminate, and the display on the control panel should light up.

OPERATING INSTRUCTIONS

1. Master Volume and EQ Control

- **Master Volume:** Use the large knob on the control panel to adjust the overall output volume of the speaker. Start at a low level and gradually increase.
- **Graphic Equalizer:** Adjust the sliders on the graphic equalizer to fine-tune the frequency response of the audio. This allows you to boost or cut specific bass, mid-range, or treble frequencies to suit your preference or the acoustics of the

room.

2. Bluetooth Mode

1. Ensure the speaker is powered on.
2. Press the "MODE" button on the control panel (or remote control) until "BLUETOOTH" or "BT" appears on the display. The speaker will emit an audible tone indicating it's ready for pairing.
3. On your Bluetooth-enabled device (smartphone, tablet, laptop), go to the Bluetooth settings and search for available devices.
4. Select "QFX SBX-1504BTL" (or similar name) from the list.
5. Once paired, the speaker will confirm with an audible tone. You can now play audio from your device through the speaker.

3. USB/SD Card Playback

1. Insert a USB flash drive or SD card (with compatible audio files) into the respective port on the control panel.
2. The speaker should automatically switch to USB/SD mode and begin playing the first track. If not, press the "MODE" button to select USB or SD.
3. Use the playback controls (Play/Pause, Next/Previous Track) on the control panel or the remote control to manage your music.

4. FM Radio Mode

1. Press the "MODE" button until "FM" appears on the display.
2. Press the "Play/Pause" button (or "SCAN" on some models) to automatically scan and save available FM radio stations.
3. Use the "Next/Previous Track" buttons to navigate through the saved stations.

5. Microphone and Instrument Inputs

- The speaker features two XLR3 microphone inputs and one 1/4" TRS microphone/instrument input.
- Connect your microphones or instruments to the appropriate jacks.
- Adjust the individual input level knobs for each channel to balance the audio.
- Use the master volume to control the overall output.

6. RCA Line Input/Output

- **RCA Input:** Connect external audio sources (e.g., CD player, mixer) using RCA cables to the "RCA IN" jacks.
- **Line Output:** The "LINE OUT" RCA jacks allow you to send the mixed audio signal from the speaker to another powered speaker or recording device.

7. LED Light Control

- A dedicated switch on the rear panel allows you to turn the LED lights around the woofer ON or OFF.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the speaker. Do not use abrasive cleaners, waxes, or solvents.
- **Storage:** If storing the speaker for an extended period, unplug it from the power outlet and store it in a cool, dry place, preferably in its original packaging.
- **Ventilation:** Ensure that the ventilation openings are kept clear of dust and debris to prevent overheating.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	Power cable not connected; Power outlet not active; Power switch is OFF.	Ensure power cable is securely connected. Check power outlet with another device. Turn the power switch to ON.
No sound output	Master volume too low; Incorrect input selected; Source device volume too low; Cables not connected properly.	Increase master volume. Press MODE button to select correct input. Increase volume on source device. Check all audio cable connections.
Bluetooth pairing fails	Speaker not in Bluetooth mode; Device too far; Speaker already paired with another device.	Ensure speaker is in Bluetooth mode. Move device closer to speaker. Disconnect speaker from any other paired devices.
USB/SD playback issues	Incompatible file format; USB/SD card corrupted; USB/SD card not inserted correctly.	Ensure audio files are in a compatible format (e.g., MP3). Try a different USB/SD card. Re-insert the USB/SD card firmly.
Distorted sound	Volume too high (speaker or source); EQ settings incorrect; Damaged audio cable.	Reduce volume on both speaker and source. Adjust EQ settings. Try a different audio cable.

SPECIFICATIONS

Feature	Detail
Model Number	SBX-1504BTL
Speaker Type	PA Speaker System with Built-in Amplifier
Woofer Size	15 inches (38.1 cm) with 60oz magnet, 75mm voice coil, 4 Ohm
Tweeter	44mm Titanium Diaphragm Driver, 8 Ohm
Power Output	380W RMS, 3000W P.M.P.O.
Connectivity	Bluetooth, USB, FM Radio
Inputs	2 x XLR3 Microphone, 1 x 1/4" TRS Microphone/Instrument, RCA Line In
Outputs	RCA Line Out
Special Features	LED Light Ring, Graphic Equalizer, USB Player with Remote Control, Portable with Handle and Wheels
Power Source	AC 120-240V, 50/60Hz
Dimensions (L x W x H)	50.8 x 43.18 x 76.2 cm (20 x 17 x 30 inches)
Weight	20.87 kg (46 lbs)
Included Components	USB cable, RCA cable, Remote control

WARRANTY AND SUPPORT

QFX products are designed and manufactured to the highest quality standards. For information regarding warranty coverage, technical support, or service inquiries, please refer to the warranty card included with your product or visit the official QFX website. Please have your model number (SBX-1504BTL) and purchase information ready when contacting support.

For the latest information and support resources, please visit:www.qfxusa.com

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question