Boytone BT-424FN

Boytone BT-424FN 2.1 Multimedia Bluetooth Speaker System

User Instruction Manual

INTRODUCTION

Thank you for purchasing the Boytone BT-424FN 2.1 Multimedia Bluetooth Speaker System. This powerful shelf stereo system is designed to deliver high-quality audio with versatile connectivity options, including Bluetooth, FM radio, USB, SD card, and auxiliary input. This manual provides detailed instructions for setting up, operating, and maintaining your speaker system to ensure optimal performance and longevity.

Package Contents

Please check the package carefully to ensure all items are present and in good condition:

- Boytone BT-424FN Main Unit (Subwoofer with built-in amplifier)
- Two Satellite Speakers (3" x 2" Full range)
- Wireless Remote Control
- AUX Cable
- USB Cable
- SD Card (if included with specific models)
- 2 AAA Batteries (for remote control)

Image: The Boytone BT-424FN 2.1 Multimedia Bluetooth Speaker System, showcasing the main subwoofer unit, two satellite speakers, and the included remote control.

SAFETY INFORMATION

To prevent fire or shock hazards, do not expose this appliance to rain or moisture. Do not open the cabinet. Refer servicing to qualified personnel only.

- **Power Source:** Ensure the power source matches the requirements (AC 110/220V).
- **Ventilation:** Do not block any ventilation openings. Ensure adequate space around the unit for proper airflow.
- **Water and Moisture:** Do not expose the unit to dripping or splashing. Do not place objects filled with liquids, such as vases, on the apparatus.
- **Heat:** Keep the unit away from heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- **Cleaning:** Unplug the unit from the wall outlet before cleaning. Use a dry cloth for cleaning.
- **Placement:** Place the unit on a stable, flat surface to prevent it from falling.

PRODUCT OVERVIEW AND FEATURES

The Boytone BT-424FN is a versatile 2.1 multimedia speaker system designed for a rich audio experience. It combines powerful sound output with multiple connectivity options and user-friendly controls.

Key Features:

- **Powerful Audio Output:** 40 Watts (20W subwoofer + 2x10W satellite speakers) for a wide audio spectrum.
- **Bluetooth Connectivity:** Easy wireless connection with a range of up to 33 feet, compatible with all Bluetooth-enabled devices.
- **Multiple Playback Options:** USB port and SD card slot for MP3 file playback, FM tuner for radio, and a

3.5mm auxiliary jack for non-Bluetooth devices.

- **Digital Display & Controls:** Digital LED display for mode and track information, with digital bass control.
- **RGB Light:** Integrated RGB lighting for enhanced visual appeal.
- **Remote Control:** Full-function wireless remote for convenient operation.
- **Compact Design:** Tabletop mount design with a black wood finish.

Image: Diagram highlighting key features of the Boytone BT-424FN, including USB/SD port for MP3, wireless sound capability, all-in-one stereo system, and 40 Watts with RGB light.

Component Identification:

Familiarize yourself with the various ports and controls on your speaker system.

Image: Rear and side view of the Boytone BT-424FN main unit, showing the USB port, SD slot, auxiliary jack, and DVD jack for various input connections.

Image: Close-up of the Boytone BT-424FN's front panel, displaying the LED screen, volume knob, and control buttons for source selection, tone, and tuning.

SETUP

Follow these steps to set up your Boytone BT-424FN speaker system.

1. Speaker Connection:

1. Connect the two satellite speakers to the corresponding audio output jacks on the rear of the main subwoofer unit. Ensure a secure connection.

2. Power Connection:

1. Plug the AC power cord from the main unit into a standard AC 110/220V wall outlet.

3. Remote Control Setup:

1. Insert the two AAA batteries into the remote control, observing the correct polarity (+/-).

4. Initial Power On:

1. Press the power button on the main unit or the remote control to turn on the system. The LED display will light up.

OPERATING INSTRUCTIONS

Learn how to use the various functions of your Boytone BT-424FN speaker system.

1. Basic Operation:

- **Power On/Off:** Press the 'ST-BY/M' button on the main unit or the power button on the remote.
- **Volume Control:** Rotate the 'VOLUME' knob on the front panel or use the 'VOL+' and 'VOL-' buttons on the remote control.
- **Source Selection:** Press the 'SOURCE' button on the main unit or the remote to cycle through input modes: Bluetooth, FM, USB, SD, AUX.
- **Tone Control:** Use the 'TONE' button on the main unit or remote to adjust bass and treble settings (if available).

Image: Close-up of the Boytone BT-424FN's central control area, highlighting the illuminated volume knob and the function buttons below it.

2. Bluetooth Mode:

1. Select 'Bluetooth' mode using the 'SOURCE' button. The LED display will show 'BT' or a similar indicator.
2. On your Bluetooth-enabled device (smartphone, tablet, etc.), enable Bluetooth and search for available devices.

3. Select 'BT-424FN' or 'Boytone' from the list of devices.

4. Once paired, you can play audio from your device through the speaker system.

Image: A diagram illustrating the process of connecting a smartphone to the Boytone BT-424FN via Bluetooth, alongside icons representing other connectivity options like USB, SD, AUX, FM radio, and remote control.

3. FM Radio Mode:

1. Select 'FM' mode using the 'SOURCE' button.

2. Use the 'TUN+/-' buttons on the main unit or the remote to manually tune to a desired radio station.

3. To auto-scan and save stations, press and hold the 'PLAY/PAUSE' button (often doubles as auto-scan in FM mode) on the remote or main unit.

4. USB/SD Card Mode:

1. Insert a USB flash drive or SD card containing MP3 audio files into the respective port.

2. Select 'USB' or 'SD' mode using the 'SOURCE' button. The system will automatically begin playing the first compatible audio file.

3. Use the 'PREV/NEXT' buttons on the main unit or remote to skip tracks. Use 'PLAY/PAUSE' to control

playback.

5. AUX Mode:

1. Connect your external audio device (e.g., MP3 player, TV, computer) to the 'AUX' input jack on the main unit using the provided 3.5mm audio cable.
2. Select 'AUX' mode using the 'SOURCE' button.
3. Control playback and volume directly from your connected external device.

MAINTENANCE

Proper care and maintenance will ensure the longevity of your speaker system.

- **Cleaning:** Use a soft, dry cloth to clean the exterior surfaces of the unit. Do not use abrasive cleaners, waxes, or solvents.
- **Dust:** Regularly dust the speaker grilles and vents to prevent accumulation that could affect sound quality and ventilation.
- **Storage:** If storing the unit for an extended period, unplug it from the power outlet and store it in a cool, dry place.
- **Avoid Liquids:** Keep liquids away from the unit to prevent damage to internal components.

TROUBLESHOOTING

If you encounter any issues with your Boytone BT-424FN, refer to the following common problems and solutions.

Problem	Possible Cause	Solution
No power	Power cord not connected; Power outlet not active	Ensure power cord is securely plugged in; Try a different power outlet
No sound	Volume too low; Incorrect source selected; Speakers not connected	Increase volume; Press 'SOURCE' to select correct input; Check speaker connections
Bluetooth pairing failed	Device too far; Bluetooth not enabled on device; Speaker not in pairing mode	Move device closer; Enable Bluetooth on your device; Ensure speaker is in Bluetooth mode and discoverable
FM radio static	Weak signal; Antenna not extended	Adjust antenna position; Try auto-scanning for stronger stations
USB/SD not playing	Unsupported file format; Corrupted files; Incorrect mode selected	Ensure files are MP3 format; Try a different USB/SD card; Select 'USB' or 'SD' mode
Remote control not working	Batteries drained or incorrectly inserted; Obstruction between remote and unit	Replace batteries and check polarity; Remove any obstructions; Point remote directly at the unit's sensor

SPECIFICATIONS

Detailed technical specifications for the Boytone BT-424FN speaker system.

Feature	Specification
Model Name	BT-424FN

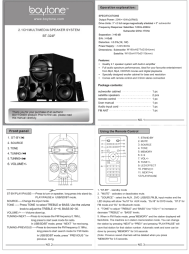| Feature	Specification
Speaker Type	2.1 Channel Subwoofer System
Speaker Maximum Output Power	40 Watts (20W Subwoofer + 2x10W Satellites)
Subwoofer Diameter	5 Inches
Satellite Speaker Size	3" x 2" Full Range
Connectivity Technology	Bluetooth, USB, SD, AUX, FM Radio
Wireless Communication Technology	Bluetooth
Bluetooth Range	Up to 33 feet
Power Source	Corded Electric (AC 110/220V)
Control Method	Remote Control, On-unit buttons
Material	Wood
Color	Black
Product Dimensions (Main Unit)	8.5"D x 16.5"W x 13"H
Item Weight	9.5 Pounds
Included Components	AUX cable, USB cable, SD card, Remote control
Batteries for Remote	2 AAA batteries (included)
Indoor/Outdoor Usage	Indoor
UPC	643307992373

Image: Rear view of the Boytone BT-424FN main unit and one satellite speaker, with dimensions indicated: 10.50 inches (height), 15 inches (depth), and 11 inches (width).

WARRANTY AND SUPPORT

The Boytone BT-424FN Multimedia Bluetooth Speaker System comes with a Limited Warranty. Please refer to the warranty card included in your package for specific terms and conditions, including coverage duration and claim procedures.

For technical support or service inquiries, please contact Boytone customer service through their official website or the contact information provided with your product documentation. Ensure you have your model number (BT-424FN) and proof of purchase ready when contacting support.

Related Documents - BT-424FN

	Boytone BT-324F 2.1CH Multimedia Speaker System User Manual User manual for the Boytone BT-324F 2.1CH Multimedia Speaker System, detailing specifications, features, front panel and remote control operations, Bluetooth connectivity, rear panel connections, and important usage notes.
	Boytone BT-19DJM Turntable/Cassette Player with USB/SD and Radio - Operating Instructions Comprehensive operating instructions manual for the Boytone BT-19DJM Turntable/Cassette Player, detailing setup, radio operation, phono playback, cassette functions, USB/SD playback and encoding, and troubleshooting.
	Boytone BT-101B Suitcase Turntable Instruction Manual Instruction manual for the Boytone BT-101B Suitcase Turntable, covering features, setup, operation, playback, recording, file management, and maintenance.
	Boytone BT28SPB/BT28SPS Turntable Operating Instructions Comprehensive operating instructions for the Boytone BT28SPB and BT28SPS turntable, featuring CD player, AM/FM radio, cassette player, and MP3 encoding capabilities. Learn how to set up, operate, and maintain your Boytone audio system.
	Boytone 2.1CH Multimedia Speaker System C2901 User Manual User manual for the Boytone 2.1CH Multimedia Speaker System, Model C2901. Provides details on specifications, features, operation, remote control functions, system connections, and FCC compliance.
	Boytone T16 Portable Bluetooth Speaker User Manual User manual for the Boytone T16 portable Bluetooth speaker, covering product features, technical specifications, connectivity, unit operation, and remote control instructions.