

## Boytone BT-324F

# Boytone BT-324F 2.1 Bluetooth Home Theater Speaker System

Model: BT-324F | Brand: Boytone

## INTRODUCTION

The Boytone BT-324F is a powerful 2.1 Bluetooth Home Theater Speaker System designed to deliver a wide audio spectrum with deep bass. It features versatile connectivity options including Bluetooth for wireless streaming, USB, SD card slots, and an auxiliary input. The system includes a main subwoofer unit, two satellite speakers, FM radio, and a full-function remote control, all complemented by dynamic RGB lighting.



Figure 1: Boytone BT-324F Main Unit, Satellite Speakers, and Remote Control

## Key Features:

- Powerful 40-watt (20W subwoofer + 2x10W satellites) audio output with a 5-inch subwoofer and 3-inch x 2-inch full-range magnetically shielded speakers.
- Bluetooth connectivity for wireless music streaming from smartphones, tablets, laptops, and other Bluetooth-enabled devices.
- Integrated FM tuner with an outstanding connection range of up to 33 feet.
- Supports USB and SD card playback for direct music access.
- Auxiliary (AUX) input for connecting non-Bluetooth audio devices.
- Convenient wireless remote control for full system operation.
- Digital LED display and dynamic RGB lighting for enhanced visual appeal.
- Built-in MP3 player for standalone Micro SD card music playback.

## WHAT'S IN THE BOX

Please check the contents of your package to ensure all items are present and in good condition:

- Main Subwoofer Unit
- Satellite Speakers (2)
- Wireless Remote Control
- Auxiliary Cable
- FM Antenna
- User Manual (this document)

## SETUP GUIDE

Follow these steps to set up your Boytone BT-324F speaker system:

1. **Unpacking:** Carefully remove all components from the packaging. Retain the packaging for future storage or transport.
2. **Connect Satellite Speakers:** Connect the two satellite speakers to the corresponding output ports on the rear of the main subwoofer unit. Ensure a secure connection.



Figure 2: Rear Panel Connections



Figure 3: Satellite Speakers

3. **Connect FM Antenna:** If you plan to use the FM radio, connect the included FM antenna to the designated FM antenna port on the rear of the main unit. Extend the antenna for optimal reception.
4. **Power Connection:** Plug the AC power cord from the main subwoofer unit into a standard 110V AC wall outlet. The unit is UL listed for safety.
5. **Initial Power On:** Press the Power button on the main unit or the remote control to turn on the system. The digital LED display will illuminate.

## OPERATING INSTRUCTIONS

### 1. Power On/Off

Press the **ST-BY/I** button on the front panel of the main unit or the **POWER** button on the remote control to turn the system on or off.

### 2. Source Selection

Press the **SOURCE** button on the front panel or the remote control repeatedly to cycle through the available input modes: Bluetooth (BT), FM Radio, USB, SD, and AUX.



Figure 4: Front Panel Controls

### 3. Volume Control

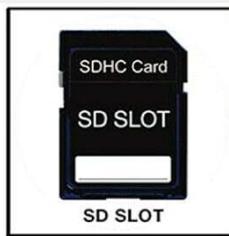
Adjust the master volume using the large **VOLUME** knob on the front panel of the main unit or the **VOL+ / VOL-** buttons on the remote control.



Figure 5: Volume Knob Detail

#### 4. Bluetooth Connection

- a. Switch the system to Bluetooth mode using the **SOURCE** button. The display will show "BT" and the unit will enter pairing mode, indicated by a blinking Bluetooth icon or "BT" on the display.
- b. On your smartphone, tablet, or other Bluetooth device, enable Bluetooth and search for available devices.
- c. Select "BT-324F" from the list of found devices.
- d. Once paired, the unit will confirm the connection, and you can begin streaming audio wirelessly.



# Bluetooth Connection



Figure 6: Bluetooth Connection Diagram

## 5. FM Radio Operation

- Switch the system to FM mode using the **SOURCE** button.
- Press and hold the **PLAY/PAUSE** button (often labeled as **SCAN** in FM mode) on the remote or main unit to auto-scan and save available FM stations.
- Use the **PREV/CH-** and **NEXT/CH+** buttons to navigate through saved stations.
- For manual tuning, briefly press the **PREV/CH-** or **NEXT/CH+** buttons.

## 6. USB/SD Card Playback

- Insert a USB flash drive or SD card into the respective slot on the side of the main unit.
- The system will automatically switch to USB or SD mode and begin playing compatible audio files (e.g., MP3).
- Use the **PLAY/PAUSE**, **PREV**, and **NEXT** buttons on the unit or remote to control playback.



Figure 7: USB and SD Card Slots

## 7. Auxiliary (AUX) Input

- a. Connect an external audio device (e.g., TV, DVD player, non-Bluetooth MP3 player) to the AUX input port on the rear of the main unit using the provided auxiliary cable.
- b. Switch the system to AUX mode using the **SOURCE** button.
- c. Audio from the connected device will now play through the speaker system. Control playback from your external device.

## 8. Remote Control Functions

The included remote control provides convenient access to all system functions:



Figure 8: Remote Control

- **POWER:** Turns the unit on/off.
- **SOURCE:** Cycles through input modes (BT, FM, USB, SD, AUX).
- **VOL+ / VOL-:** Adjusts master volume.
- **PLAY/PAUSE:** Plays or pauses audio playback; initiates auto-scan in FM mode.
- **PREV / NEXT:** Skips tracks/stations.
- **MUTE:** Mutes/unmutes audio.
- **EQ:** Cycles through equalizer presets (if available).
- **Numeric Keypad:** Direct track selection for USB/SD, or direct frequency input for FM.

## 9. RGB Light Control

The main unit features dynamic RGB lighting. The lighting typically operates automatically with the audio. Refer to the remote control for any dedicated light control buttons, if present, to adjust modes or turn off the lights.

## MAINTENANCE

- Cleaning:** Use a soft, dry cloth to clean the surfaces of the speaker system. Do not use liquid cleaners or aerosol sprays, as they may damage the finish or internal components.
- Ventilation:** Ensure that the ventilation openings on the unit are not blocked. Proper airflow is essential to prevent overheating.
- Placement:** Place the system on a stable, flat surface away from direct sunlight, heat sources, and excessive moisture.
- Power Off:** When not in use for extended periods, it is recommended to unplug the system from the power outlet.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	Power cord not connected; power outlet not active.	Ensure power cord is securely plugged into the unit and a working wall outlet. Check the power switch on the unit.
No sound	Volume too low; incorrect source selected; satellite speakers not connected; external device issues.	Increase volume. Press SOURCE to select the correct input. Check satellite speaker connections. Ensure external device is playing audio and its volume is up.
Bluetooth pairing failed	Device too far; Bluetooth not enabled on source; unit not in pairing mode; interference.	Move device closer (within 33 feet). Ensure Bluetooth is enabled on your device. Switch the speaker to BT mode. Turn off other Bluetooth devices nearby.
Poor FM reception	FM antenna not connected or extended; weak signal.	Connect and fully extend the FM antenna. Try repositioning the antenna for better signal.
USB/SD playback issues	Incompatible file format; corrupted files; improper insertion.	Ensure files are in a compatible format (e.g., MP3). Try another USB drive/SD card. Reinsert the drive/card correctly.

## SPECIFICATIONS

Feature	Detail
Model Name	BT-324F
Speaker Type	Subwoofer with Satellite Speakers
Surround Sound Channel Configuration	2.1
Speaker Maximum Output Power	40 Watts
Subwoofer Diameter	5 Inches
Connectivity Technology	Wired, Wireless (Bluetooth)
Wireless Communication Technology	Bluetooth
Bluetooth Range	33 Feet

Feature	Detail
Input Voltage	110 Volts
Power Source	AC
Included Components	Auxiliary Cable, FM Antenna, Remote, User Manual
Product Dimensions (Main Unit)	8.5"D x 17"W x 17"H
Item Weight	9.4 Pounds
Controller Type	Remote Control
Special Feature	FM Radio, USB, SD Card Playback, Digital Display, RGB Light
Compatible Devices	Smartphone, Tablet
Color	Black
Batteries (for remote)	2 AAA batteries required (not included)

## WARRANTY AND SUPPORT

The Boytone BT-324F Home Theater Speaker System comes with a **1-year limited warranty** provided by Boytone. This warranty covers defects in materials and workmanship under normal use. For warranty claims, technical support, or additional information, please visit the official Boytone website or contact their customer service department. Keep your purchase receipt as proof of purchase for warranty service. For more information, you may visit the [Boytone Store on Amazon](#).

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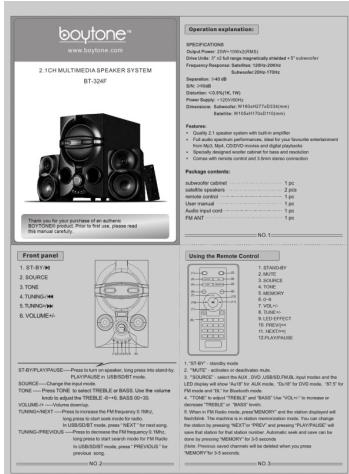
This manual is for informational purposes only. Specifications are subject to change without notice.

## Related Documents - BT-324F

	<p><a href="#">Boytone BT-324F 2.1CH Multimedia Speaker System User Manual</a></p> <p>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.</p>
	<p><a href="#">Boytone BT-19DJM Turntable/Cassette Player with USB/SD and Radio - Operating Instructions</a></p> <p>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.</p>

 <p>USER'S MANUAL MODEL: T16</p>	<p><a href="#"><u>Boytone T16 Portable Bluetooth Speaker User Manual</u></a></p> <p>User manual for the Boytone T16 portable Bluetooth speaker, covering product features, technical specifications, connectivity, unit operation, and remote control instructions.</p>
 <p>BOYTONE® Turntable with CD Player, AM/FM Radio, Cassette Player &amp; MP3 Encoding MODEL: BT28SPB   BT28SPS Operating Instructions Manual</p>	<p><a href="#"><u>Boytone BT28SPB/BT28SPS Turntable Operating Instructions</u></a></p> <p>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.</p>
	<p><a href="#"><u>Boytone 2.1CH Multimedia Speaker System C2901 User Manual</u></a></p> <p>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.</p>
	<p><a href="#"><u>Boytone BT-324F 2.1CH Multimedia Speaker System User Manual</u></a></p> <p>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.</p>

Documents - Boytone – BT-324F



## Boytone BT-324F 2.1CH Multimedia Speaker System User Manual

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