

TECSUN B5

Tecsun B5 Wireless Bluetooth Speaker with Digital Radio and MP3 Player User Manual

INTRODUCTION

This manual provides instructions for the operation and maintenance of your Tecsun B5 Wireless Bluetooth Speaker. Please read this manual thoroughly before use to ensure proper functionality and to maximize your listening experience.

PRODUCT OVERVIEW

Key Features

- Hi-Fi digital music player supporting WAV, MP3, WMA, AAC, M4A, FLAC lossless formats via TF card.
- FM stereo radio (87.0-108MHz).
- Bluetooth 2.4 GHz receiver for streaming from phones or computers.
- Mobile phone hands-free function via Bluetooth.
- 3D sound effect.
- Auto shut-off timer (1-60 minutes).
- Touch buttons with backlight for night operation.
- RCA and USB jacks for versatile connectivity.
- Nominal output power: 5W×2.
- Built-in rechargeable 7.4V 2200mAh Lithium battery.
- Compact dimensions: 13.1 x 3.9 x 3.5 inches (333 x 100 x 90 mm).
- Weight: 40.6 oz (1.15 kg).

Package Contents

- 1 x Tecsun B5 Wireless Bluetooth Speaker
- 1 x DC Adapter
- 1 x Lithium Battery (installed)

- 1 x USB Cable
- 1 x FM External Antenna
- 1 x Carrying box
- 1 x User Manual

Product Components



Front and left side view of the Tecsun B5 speaker, highlighting the touch control panel, digital display, earphone jack, computer audio input, and DC 9V power input.



Rear view of the Tecsun B5 speaker, showing the main power switch on the left side.



Bottom view of the Tecsun B5 speaker, displaying product information, battery compartment, and rear audio ports including Line Out, Line In, and Antenna connection.



The Tecsun B5 speaker displayed with its included accessories: DC power adapter, USB cable, and FM external antenna.



A diagram showing various connectivity options for the Tecsun B5, including Bluetooth connection to mobile devices and computers, and wired connection to an amplifier or TV.



The retail packaging for the Tecsun B5 speaker, showing product branding and key features.



An image illustrating the physical dimensions of the Tecsun B5 speaker: 13.1 inches in length, 3.5 inches in depth, and 3.88 inches in height.

SETUP

Charging the Battery

Connect the provided DC adapter to the DC 9V input port on the speaker and plug it into a power outlet. The battery indicator on the display will show charging status. A full charge typically takes several hours.

Connecting the FM External Antenna

For improved FM radio reception, connect the supplied external FM antenna to the dedicated antenna jack on the rear of the speaker.

Powering On/Off

Locate the main power switch on the rear of the speaker. Slide it to the "ON" position to power on the device. Slide it to "OFF" to power off.

OPERATING INSTRUCTIONS

General Controls

The Tecsun B5 features a touch-sensitive control panel with backlight.

- **VOL - / VOL +:** Adjusts the volume level.
- **Play/Pause:** Plays or pauses audio playback.
- **Previous / Next:** Skips to the previous or next track/station.
- **Hands-free:** Answers or ends phone calls when connected via Bluetooth.
- **Mode Button:** Cycles through available modes (Bluetooth, FM, MP3, Line-in).
- **Sleep Radio preset / Single repeat:** Activates sleep timer or sets repeat mode for MP3 playback.
- **Surround sound:** Toggles 3D sound effect.

Bluetooth Mode

1. Power on the speaker.
2. Press the Mode button until "Bluetooth" is displayed. The Bluetooth indicator will flash.
3. On your mobile device or computer, enable Bluetooth and search for "Tecsun B5".
4. Select "Tecsun B5" to pair. Once paired, the Bluetooth indicator will stop flashing and remain solid.
5. You can now stream audio from your device to the speaker.
6. For hands-free calls, press the **Hands-free** button to answer or end a call.

FM Radio Mode

1. Power on the speaker and ensure the external FM antenna is connected.
2. Press the Mode button until "FM" is displayed.
3. Use the **Previous / Next** buttons to manually tune to a station or press and hold them for automatic scanning.
4. To save a station, refer to the specific instructions in the original manual.

MP3 Player Mode (TF Card)

1. Insert a TF (microSD) card containing supported audio files (WAV, MP3, WMA, AAC, M4A, FLAC) into the TF card slot.
2. Press the Mode button until "MP3" or "Card" mode is displayed.
3. The speaker will automatically begin playing music from the card.
4. Use **Play/Pause**, **Previous**, and **Next** buttons to control playback.
5. Press the "Single repeat" button to toggle repeat modes.

Line-in Mode (External Audio Input)

1. Connect an external audio source (e.g., computer, TV, CD player) to the "Computer Audio Input" (3.5mm jack) or the "LINE IN" (RCA) ports on the speaker using an appropriate audio cable.
2. Press the Mode button until "Line-in" or "AUX" is displayed.
3. Audio from the connected device will now play through the speaker.

3D Sound Effect

Press the "Surround sound" button on the control panel to activate or deactivate the 3D sound effect. This feature enhances the audio experience.

Auto Shut-off (Sleep Timer)

Press the "Sleep Radio preset" button to set the auto shut-off timer. Cycle through the available time settings (1-60 minutes) to automatically power off the speaker after a set duration.

MAINTENANCE

Cleaning

Use a soft, dry cloth to clean the speaker's surface. Do not use abrasive cleaners or solvents.

Battery Care

To prolong battery life, fully charge the speaker before first use and when not in use for extended periods. Avoid exposing the battery to extreme temperatures.

Storage

Store the speaker in a cool, dry place away from direct sunlight and moisture.

TROUBLESHOOTING

No Power

- Ensure the main power switch on the rear is in the "ON" position.
- Check if the DC adapter is properly connected and plugged into a working power outlet.
- Verify the battery is charged.

No Sound

- Increase the volume on both the speaker and the connected audio source.
- Ensure the correct mode (Bluetooth, FM, MP3, Line-in) is selected.
- Check audio cable connections for Line-in mode.
- For Bluetooth, ensure the device is properly paired and connected.

Poor FM Reception

- Ensure the external FM antenna is connected and properly extended.
- Adjust the position of the speaker or antenna for better signal.
- Move away from sources of interference (e.g., other electronic devices).

Bluetooth Pairing Issues

- Ensure the speaker is in Bluetooth pairing mode (indicator flashing).
- Disable and re-enable Bluetooth on your device.
- Remove "Tecsun B5" from your device's paired list and attempt to pair again.
- Ensure the speaker is within the effective Bluetooth range (typically 10 meters).

SPECIFICATIONS

Feature	Detail
Brand	TECSUN
Speaker Maximum Output Power	5 watts x 2
Connectivity Technology	Bluetooth, USB
Audio Output Mode	Stereo
Mounting Type	Tabletop Mount
Speaker Type	3D, Computer
Additional Features	Rechargeable
Control Method	Touch
Controller Type	Battery Powered
Item Weight	3 pounds (1.36 kg)
Power Source	Battery Powered
Number of Batteries	1 Lithium Ion (7.4V 2200mAh)
Model Number	B5
Manufacturer	Tecsun
Connectivity Protocol	Bluetooth
Frequency Range	50Hz~18kHz
Speaker	2.25", 4 / 8W
Power Supply	9V DC (adapter included); Current 1.5A
Dimensions	13.1 x 3.9 x 3.5 inches (333 x 100 x 90 mm)

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation included with your purchase or visit the official TECSUN website.

You can also visit the [TECSUN Store on Amazon](#) for more product information.

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