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> [GOTOOLZ WS-16 Wearable Bluetooth Speaker User Manual](#)

## GOTOOLZ WS-16

# GOTOOLZ WS-16 Wearable Bluetooth Speaker User Manual

Model: WS-16

Brand: GOTOOLZ

## 1. INTRODUCTION

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Welcome to the GOTOOLZ WS-16 Wearable Bluetooth Speaker user manual. This guide provides essential information for setting up, operating, and maintaining your new portable speaker. The WS-16 is designed for convenience and high-quality audio on the go, featuring Bluetooth 5.4 technology, TWS (True Wireless Stereo) pairing, a built-in microphone for hands-free calling, and IPX5 water resistance.

### What's in the Box:

- Wearable Bluetooth speaker x 1
- USB-C charging cable x 1
- User manual x 1

## 2. PRODUCT OVERVIEW

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Familiarize yourself with the components and controls of your GOTOOLZ WS-16 speaker.



Image 2.1: Front and side view of the GOTOOLZ WS-16 Wearable Bluetooth Speaker, highlighting its compact design and clip mechanism.

### Controls and Indicators:

- **Power Button (O):** Press and hold to power on/off. Short press to play/pause music.
- **Volume Up (+):** Short press to increase volume. Long press for next track.
- **Volume Down (-):** Short press to decrease volume. Long press for previous track.
- **Microphone Button:** Short press to answer/end calls. Long press to reject calls. Double press to redial.
- **LED Indicator:** Displays power, pairing, and charging status.
- **USB-C Charging Port:** For charging the device.
- **Clip:** Located on the back for attaching to clothing or accessories.

## 3. SETUP

### 3.1 Charging the Speaker

Before first use, fully charge your WS-16 speaker. Use the provided USB-C charging cable.

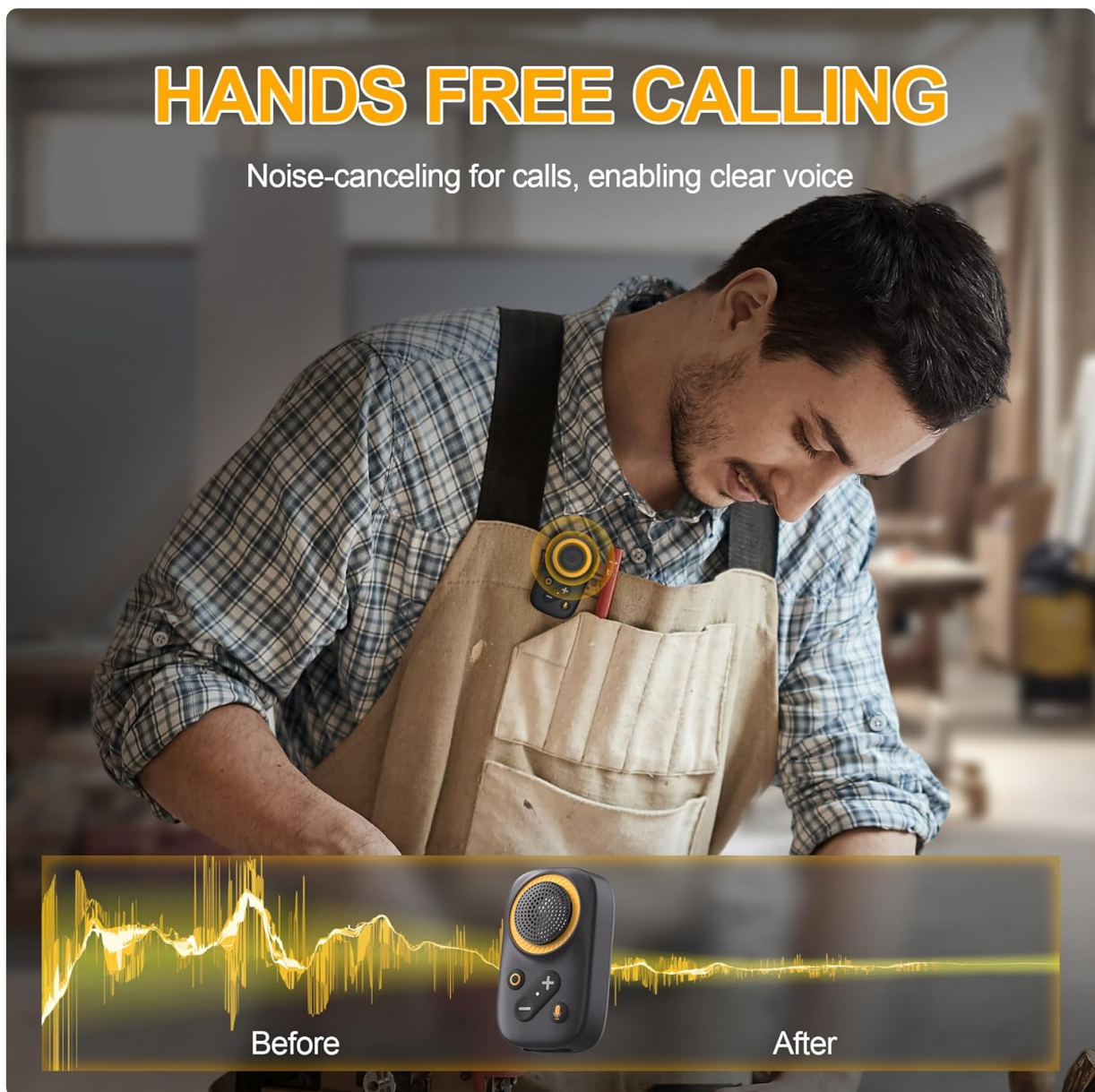
1. Connect the USB-C end of the cable to the charging port on the speaker.

2. Connect the USB-A end to a compatible USB power adapter (DC5V 1A recommended).
3. The LED indicator will show charging status. A full charge takes approximately 2 hours.

### 3.2 Pairing with a Bluetooth Device

Follow these steps to connect your WS-16 speaker to your smartphone, tablet, or other Bluetooth-enabled device.

1. Ensure the speaker is charged and powered off.
2. Press and hold the Power Button (O) for 3 seconds until the LED indicator flashes blue, indicating pairing mode.
3. On your device, enable Bluetooth and search for available devices.
4. Select "WS-16" from the list of devices.
5. Once connected, the LED indicator will turn solid blue. The speaker is now ready for use.



**Image 3.1:** The GOTOOZ WS-16 speaker held in a hand, demonstrating its compact size and accessible control buttons for easy operation.

### 3.3 TWS Pairing (True Wireless Stereo)

For an immersive stereo experience, you can pair two WS-16 speakers together.

1. Ensure both WS-16 speakers are powered off and not connected to any Bluetooth device.
2. Power on both speakers. They will automatically enter pairing mode (LED flashes blue).
3. On one of the speakers, double-press the Power Button (O). The speakers will attempt to pair with each other.
4. Once successfully paired, one speaker's LED will flash blue (master speaker), and the other's LED will be solid blue (slave speaker).
5. Now, connect your Bluetooth device to the master speaker ("WS-16"). Both speakers will play audio in stereo.



**Image 3.2:** Two GOTOOLZ WS-16 speakers are shown wirelessly paired, positioned on either side of a laptop, illustrating the True Wireless Stereo (TWS) function for enhanced audio.

## 4. OPERATING INSTRUCTIONS

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### 4.1 Power On/Off

- To power on: Press and hold the Power Button (O) for 3 seconds.
- To power off: Press and hold the Power Button (O) for 3 seconds.

### 4.2 Music Playback

- **Play/Pause:** Short press the Power Button (O).
- **Volume Up:** Short press the '+' button.
- **Volume Down:** Short press the '-' button.
- **Next Track:** Long press the '+' button.
- **Previous Track:** Long press the '-' button.

### 4.3 Hands-Free Calling

The built-in microphone with noise reduction allows for clear hands-free communication.

- **Answer/End Call:** Short press the Microphone Button.
- **Reject Call:** Long press the Microphone Button.
- **Redial Last Number:** Double press the Microphone Button.



**Image 4.1:** A man is shown working while using the GOTOOLZ WS-16 speaker clipped to his shirt, demonstrating its hands-free calling capability with a visual representation of noise reduction for clear voice transmission.

## 4.4 Wearing the Speaker

The integrated clip allows for versatile placement.

- Attach the speaker to your shirt collar, pocket, backpack strap, or belt.
- Ensure the speaker grille faces outwards for optimal sound projection.



**Image 4.2:** This image displays several people participating in different activities such as running, hiking, biking, and working, each with the GOTOOLZ WS-16 speaker conveniently clipped to their attire, emphasizing its versatility and portability for various lifestyles.

## 5. MAINTENANCE

### 5.1 Cleaning

Wipe the speaker with a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners.

### 5.2 Water Resistance (IPX5)

The WS-16 speaker is IPX5 rated, meaning it is protected against low-pressure water jets from any direction. It can resist light water spray and splashes, making it suitable for outdoor use in light rain or near water. **Do not partially or fully submerge the speaker in water.**



**Image 5.1:** A cyclist is shown riding in the rain while wearing the GOTOOLZ WS-16 speaker, accompanied by an IPX5 waterproof icon, illustrating the speaker's resistance to water splashes and suitability for outdoor activities.

### 5.3 Battery Care

To prolong the life of your speaker's 600mAh lithium-ion battery:

- Avoid extreme temperatures.
- Charge regularly, even if not in frequent use.
- Do not leave the speaker fully discharged for extended periods.
- The speaker provides up to 12 hours of music playback at 100% volume and over 20 hours at 75% volume on a single charge.



**Image 5.2:** The GOTOOZ WS-16 speaker is depicted in a vibrant outdoor scene with people enjoying themselves, emphasizing its extended 12-hour playtime, suitable for prolonged use during various activities.

## 6. TROUBLESHOOTING

If you encounter issues with your GOTOOZ WS-16 speaker, refer to the following common problems and solutions:

- **Speaker does not power on:** Ensure the battery is charged. Connect to a power source using the USB-C cable.
- **Cannot pair with Bluetooth device:**
  - a. Ensure the speaker is in pairing mode (flashing blue LED).
  - b. Make sure Bluetooth is enabled on your device.
  - c. Move the speaker closer to your device (within 33 feet).
  - d. Forget/remove "WS-16" from your device's Bluetooth list and try pairing again.
  - e. Restart both the speaker and your device.
- **No sound or low volume:**
  - a. Increase the volume on both the speaker and your connected device.
  - b. Ensure the speaker is properly paired.
  - c. Check if the audio source is playing.
- **TWS pairing fails:**
  - a. Ensure both speakers are fully charged and powered off before starting TWS pairing.
  - b. Make sure neither speaker is connected to another Bluetooth device.
  - c. Repeat the TWS pairing steps carefully.
- **Poor call quality:** Ensure the speaker is close to you and there are no obstructions to the microphone. The noise reduction feature works best in moderate environments.

## 7. SPECIFICATIONS

Feature	Specification
Model	WS-16
Bluetooth Version	5.4
Power Input	DC5V 1A
Battery Capacity	600mAh Lithium Polymer
Charging Time	2 Hours
Waterproof Grade	IPX5
Play Time (100% Volume)	>12 Hours
Play Time (75% Volume)	>20 Hours
Maximum Range	10 Meters (33 feet)
Speaker Maximum Output Power	5 Watts
Frequency Response	20000 Hz
Signal-to-Noise Ratio	92 dB
Item Weight	60 Grams (2.12 ounces)
Product Dimensions	3"D x 1"W x 2"H

## 8. WARRANTY AND SUPPORT

### 8.1 Warranty Information

The GOTOOLZ WS-16 Wearable Bluetooth Speaker comes with a Limited Warranty. Please refer to the product packaging or contact customer support for specific warranty terms and conditions.

### 8.2 Customer Support

For any questions, technical assistance, or warranty claims, please contact GOTOOLZ customer support through the retailer where you purchased the product or visit the official GOTOOLZ website for contact information.