

## Fugoo F6TFKS01

# Fugoo Tough 2.0 Portable Bluetooth Speaker User Manual

MODEL: F6TFKS01

Brand: Fugoo

## Introduction

The Fugoo Tough 2.0 is a highly durable and portable Bluetooth speaker designed for both indoor and outdoor use. It features a 100% waterproof, mud-proof, snow-proof, and shockproof design with an IP67 rating, ensuring resilience in various environments. Enjoy 360-degree sound from six drivers, a 40-hour battery life, and a built-in omnidirectional microphone for speakerphone functionality. This manual provides essential information for setting up, operating, and maintaining your Fugoo Tough 2.0 speaker.

## Safety Information

- Do not attempt to open or disassemble the speaker. This may void the warranty and cause damage.
- Avoid exposing the speaker to extreme temperatures (hot or cold) or direct sunlight for prolonged periods.
- Ensure all ports are securely closed before exposing the speaker to water to maintain its waterproof integrity.
- Use only the provided charger or a certified equivalent to prevent damage to the battery.
- Keep the speaker away from medical devices, as its magnetic components may interfere with their operation.
- Clean the speaker with a soft, damp cloth. Do not use abrasive cleaners or solvents.

## Package Contents

Verify that all items are present in your Fugoo Tough 2.0 package:

- Fugoo Tough 2.0 Portable Bluetooth Speaker
- Charger
- User Manual (this document)

## Setup

## 1. Charging the Speaker

Before first use, fully charge your Fugoo Tough 2.0 speaker. Connect the provided charger to the charging port on the speaker and to a power outlet. The charging indicator light will illuminate. A full charge takes approximately 12 hours. The speaker is powered by two internal Lithium Polymer batteries.

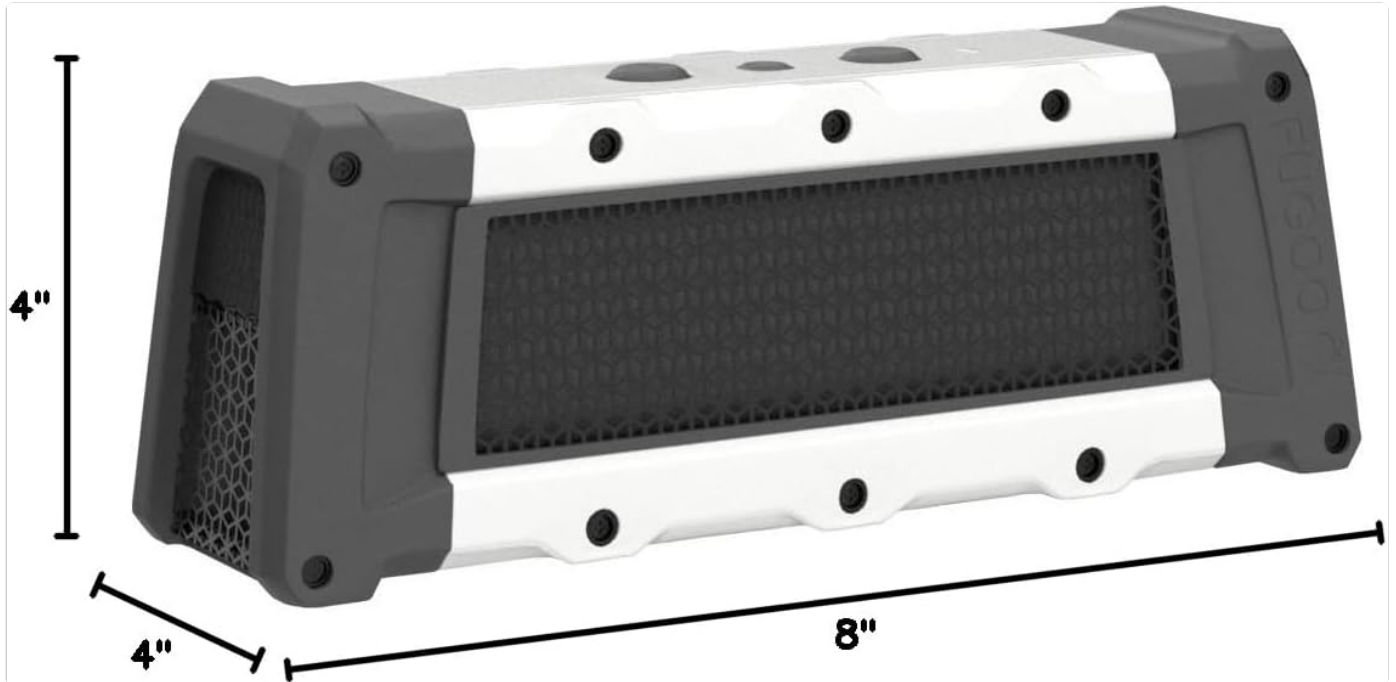


Image: Fugoo Tough 2.0 speaker showing its dimensions. The speaker measures 4 inches deep, 8 inches wide, and 4 inches high.

## 2. Bluetooth Pairing

1. Power on the Fugoo Tough 2.0 speaker by pressing and holding the power button.
2. Activate Bluetooth on your device (smartphone, tablet, laptop).
3. On your device, search for available Bluetooth devices and select 'Fugoo Tough 2.0'.
4. Once paired, the speaker will indicate a successful connection, and you can begin playing audio. The Bluetooth range is up to 10 meters (33 feet).

## 3. Multi-Speaker Pairing (Stereo)

The Fugoo Tough 2.0 supports wireless stereo pairing with another compatible Fugoo 2.0 model (Sport, Style, or Tough) for an enhanced audio experience.

# Multi-Speaker Pairing



Image: Two Fugoo speakers shown wirelessly connected, illustrating the multi-speaker pairing feature for stereo sound.

## Operating Instructions

### Controls

The speaker features intuitive controls located on the top panel:

- **Power Button:** Press and hold to turn the speaker on or off.
- **Volume Up (+):** Press to increase audio volume.
- **Volume Down (-):** Press to decrease audio volume.
- **Multi-function Button (Center):** Controls playback (play/pause) and answers/ends calls.

### Audio Quality and Design

The Fugoo Tough 2.0 is engineered for superior sound. It incorporates two 28mm neodymium tweeters, two 39mm neodymium aluminum domed mid/woofers, and two 43mm x 54mm passive radiators. These drivers are strategically placed to face all directions, with an 8-degree upward tilt, ensuring a 360-degree sound dispersion and a full-range frequency response from 60Hz to 20KHz.



# AUDIO QUALITY

**DRIVERS FACE ALL DIRECTIONS,  
WITH AN 8-DEGREE UPWARD  
TILT FOR BETTER DISPERSION**



Image: An illustration highlighting the audio quality and 360-degree sound dispersion of the Fugoo Tough 2.0 speaker, with drivers facing all directions and an 8-degree upward tilt.

## **Speakerphone Functionality**

The integrated omnidirectional microphone with echo cancellation allows for clear, full-duplex speakerphone conversations. Digital Signal Processing (DSP) technology reduces wind and background noise, enhancing call clarity.

## **Durability and Portability**

With an IP67 rating, the Fugoo Tough 2.0 is 100% waterproof, mud-proof, snow-proof, and shockproof. This robust construction makes it suitable for various outdoor activities and environments.





Image: The Fugoo Tough 2.0 speaker partially submerged in water and covered in mud, demonstrating its IP67 waterproof and rugged capabilities.



Image: A person wearing a backpack with the Fugoo Tough 2.0 speaker clipped to it, highlighting its portability for outdoor adventures.

## Maintenance

- **Cleaning:** Wipe the speaker with a soft, damp cloth. For stubborn dirt, use mild soap and water, then rinse thoroughly. Ensure all ports are dry before charging.
- **Storage:** Store the speaker in a cool, dry place when not in use. Avoid prolonged exposure to direct sunlight or extreme temperatures.
- **Battery Care:** To prolong battery life, avoid fully discharging the speaker frequently. Charge it regularly, even if not in constant use.

## Troubleshooting

Problem	Possible Cause	Solution
Speaker does not turn on	Low battery	Charge the speaker for at least 30 minutes.
Cannot pair via Bluetooth	Speaker not in pairing mode; device Bluetooth off; too far from device	Ensure speaker is on and in pairing mode. Turn device Bluetooth off and on. Move device closer to speaker (within 10m).
No sound or low volume	Volume too low on speaker or device; incorrect audio source	Increase volume on both speaker and device. Verify correct audio output is selected on your device.
Poor sound quality	Interference; speaker placement	Move speaker away from other electronic devices. Adjust speaker position for optimal sound dispersion.
Speakerphone not working	Microphone muted; poor signal	Ensure microphone is not muted. Check device's call settings.

## Specifications

Feature	Detail
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Feature	Detail
Model Name	Tough
Item Model Number	F6TFKS01
Brand	Fugoo
Material	Aluminum
Color	Black/Silver
Product Dimensions	4"D x 8"W x 4"H
Item Weight	1.23 pounds
Speaker Type	Outdoor
Special Features	Built-in Microphone, Waterproof, Radio
Water Resistance Level	Waterproof (IP67)
Connectivity Technology	Bluetooth 4.0
Bluetooth Range	10 Meters (33 Feet)
Power Source	Battery Powered
Battery Type	2 Lithium Polymer batteries (included)
Battery Capacity	12000 Milliamp Hours
Charging Time	12 Hours
Speaker Maximum Output Power	10 Watts
Audio Output Mode	Stereo
Audio Driver Type	Dynamic Driver
Tweeter Diameter	28 Millimeters
Woofer Diameter	39 Millimeters
Full Range Frequency Response	60Hz - 20KHz
Compatible Devices	Smartphone, Tablet, Laptop
First Available Date	February 6, 2014

## Warranty and Support

The Fugoo Tough 2.0 speaker comes with a Limited Warranty. For detailed warranty terms and conditions, please refer to the official Fugoo website or contact their customer support. If you encounter any issues not covered in the troubleshooting section, or require further assistance, please contact Fugoo customer support directly.

## Product Overview Video

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Your browser does not support the video tag.

Video: An official overview of Fugoo and Fugoo XL Bluetooth Speakers presented at CES 2015, detailing features and capabilities of the product line.

