



We create experiences

Fugoo Bluetooth Speaker User Manual

version 3.9.9, 18 Sept 2015

Model FSNA1

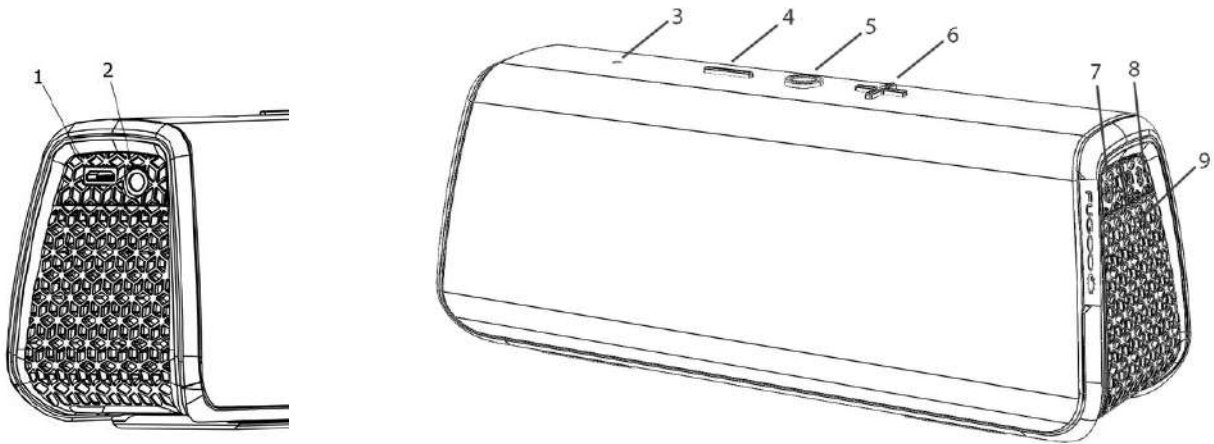
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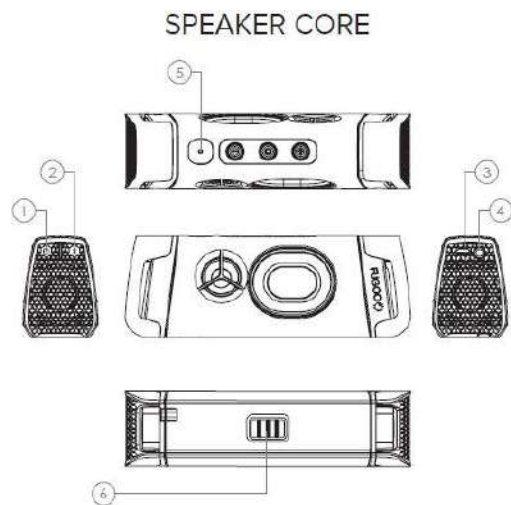
In the box

- Fugoo Bluetooth Speaker, with one jacket – Style, Sport, or Tough
- AC wall charger
- Micro USB charging cable
- 3.5 mm audio cable
- Accessory pouch
- Startup Guide
- Thumbscrews – for Sport and Tough models
- Hex wrench – for Tough model only

Fugoo Bluetooth Speaker controls

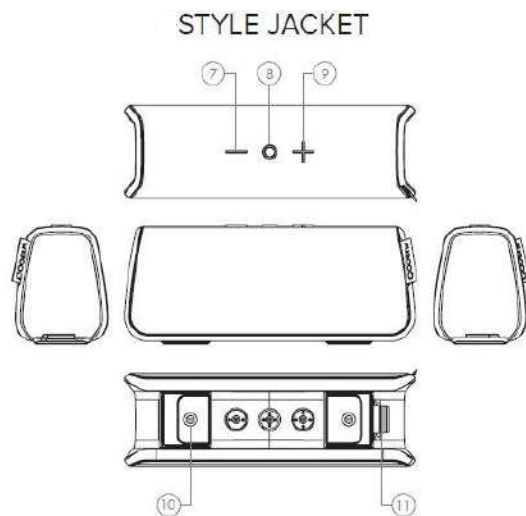


	part	description
1	Micro-USB charging connector / update port	For charging the speaker, and for updating its firmware
2	3.5 mm audio input jack	For playing music from the headphone output of another device
3	Microphone	For speakerphone function
4	Volume down (–)	Decreases loudness
5	Action button (O)	Pause / Play and speakerphone control.
6	Volume up button (+)	Increases loudness
7	Power button (⏻)	Turns the speaker on / off
8	Bluetooth button (🔊)	For pairing with other Bluetooth devices
9	LED indicator	Indicates status of the speaker

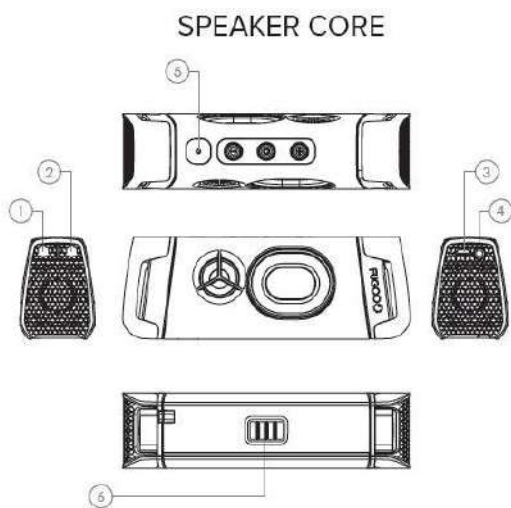


1. Power button
2. Bluetooth button
3. Micro USB connector
4. Audio input jack

5. Microphone
6. Release push grip

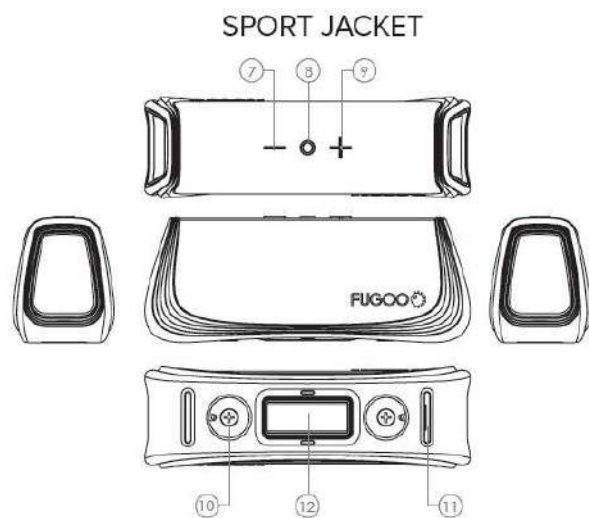


9. Volume Up
10. Mounting plate holes
11. Release latch

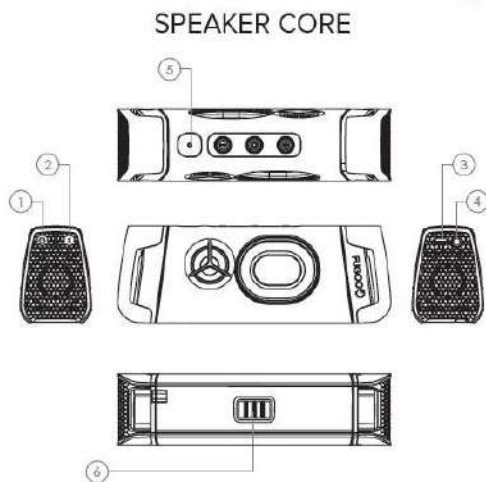


1. Power button
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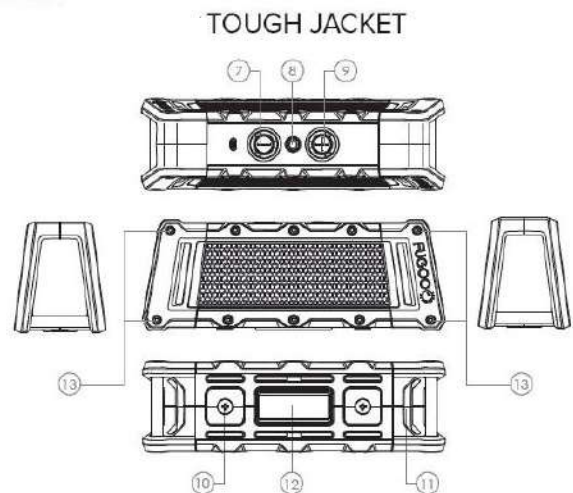


9. Volume Up
10. Thumb screws
11. Self-draining holes.
12. Mounting plate

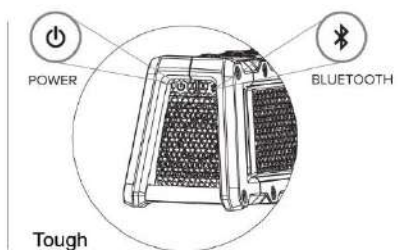
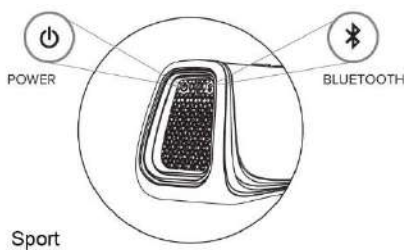
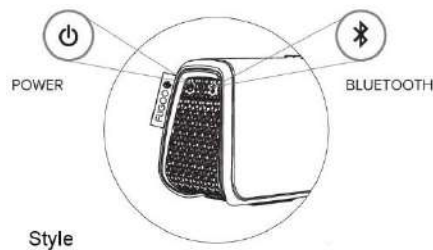


- 1. Power button
- 2. Bluetooth button
- 3. Micro USB connector
- 4. Audio input jack

- 5. Microphone
- 6. Release push grip
- 7. Volume down
- 8. Action button



- 9. Volume Up
- 10. Thumb screws
- 11. Self-draining holes.
- 12. Mounting plate
- 13. Side retaining screw



POWERING UP AND CONNECTIONS

Power On / Off Hold 1 second

Battery status Click

Pair with a device Hold 3 seconds

Disconnect device Click

Clear all paired devices Hold 10 seconds

Reset Hold and 10 seconds

PLAY CONTROL

Play / Pause Click

Volume up / down Click

Previous track Click and

Next track Click and

Voice Control Hold 1 second

(The speaker must be off for these functions.)

Normal / Loud mode Hold and

Power Save On / Off Hold and

Voice prompts level: Hold and and

SPEAKERPHONE

Answer / end call Click

Reject a call Double-click

Mute microphone in a call Click and

Charging and battery charge status

Checking the battery level

- With the speaker powered on, click the  (Power) button momentarily. The LED indicator blinks green one to six times to indicate the charge of the battery, unless battery is being charged.
- If voice prompts are enabled, the speaker responds with "Battery is almost full." or another indication of the state of the battery's charge, or "Battery is charging."
- If the battery charge gets very low, the LED indicator will blink red, and after several minutes, the speaker will say "Please recharge the battery. Powering off.", and the speaker will power off.

LED indicator	Voice prompt
six green blinks	Battery is full.
five green blinks	Battery is almost full.
four green blinks	Battery is three quarters.
three green blinks	Battery is half.
two green blinks	Battery is one quarter.
one green blink	Battery is low.

Charging your speaker

- Connect the Micro-USB charging cable to the speaker and to the supplied AC adapter.
- Plug the AC adapter into a power outlet.
- While the battery is being charged, the LED will slowly pulse on/off green.
- When the battery has reached full charge, the LED will glow solid green.

• **CAUTION:** Never use your Fugoo Bluetooth Speaker without one of its jackets (Style, Sport, or Tough). The jacket is an essential part of your speaker because it protects the speaker drivers from damage.

Powering on your Fugoo Bluetooth Speaker

- Click the  (Power) button momentarily to power the speaker on.
 - When the speaker runs from battery power, it will power itself off after a period of inactivity, unless the Power Save feature is Off. (See the Power Save Mode section for further detail.)
 - Hold the  (Power) button for one second to power the speaker off.
-

Connecting your speaker to smartphones and other devices

You can connect to your Fugoo speaker to a source device either through its audio input jack or through a Bluetooth wireless link. Only one of these inputs can be active at a time.

Connecting through an audio cable to the audio input

- Connect one end of the supplied 3.5 mm audio cable to your speaker's audio input jack, then connect the other end to the headphones jack of your audio source device.
- The LED glows blue and a voice prompt says, "Disconnected. Bluetooth off. Connected".
- Plugging the supplied audio cable into the speaker's audio input jack turns off the Bluetooth wireless link, to save power and maximize battery life.

Pairing and connecting with a Bluetooth source device

1. Make sure that a 3.5 mm audio cable is *not* connected to the speaker's audio input.
2. Place your Fugoo Bluetooth Speaker and your Bluetooth source device within 33 feet (10 meters) of each other.
3. Turn the speaker and the source device on.
4. Hold the  (Bluetooth) button for three seconds. The LED blinks blue and red repeatedly. If voice prompts are enabled, the speaker says, "Pairing mode. Use the Bluetooth settings of your device to connect." The speaker will remain in pairing mode for three minutes, or until it pairs with your device.
5. On your Bluetooth source device, turn Bluetooth on, which will allow it to discover the speaker. (See the Bluetooth settings information for your device.)
6. Select 'Fugoo Speaker' on your Bluetooth source device.
7. Wait briefly for the speaker to discover your Bluetooth source device. If voice prompts are enabled, the speaker will say, "Pairing successful" and "Connected".
If you hear "Pairing is unsuccessful. Please try again.", try pairing again.

If you are using an iPhone or an iPad that has been previously paired to the speaker, it may be necessary to 'Forget this Device', as follows:

1. Tap Settings.
2. Tap Bluetooth.
3. Tap the  icon to the right of 'Fugoo Speaker'.
4. Tap 'Forget this Device'.
5. Tap 'Forget Device'.

As long as the speaker is in pairing mode, the iPhone should find the speaker again, and pair with it.

Disconnecting from a Bluetooth source device

To disconnect your Fugoo Bluetooth Speaker from a Bluetooth source device, you can:

- Click the  (Bluetooth) button on your speaker.
- Move your speaker and the Bluetooth source device apart until they disconnect.
- Power off your speaker.
- Power off the source device.
- Power off Bluetooth on your source device.
- Plug an audio cable into the speakers audio input jack.
- Disconnecting temporarily interrupts the Bluetooth wireless link between the speaker and the currently paired source device, which permits the speaker to re-connect with another source device to which it has been previously paired.
- Click the Bluetooth button again to cause the speaker to search for another previously-paired and currently connectable source device. The speaker will attempt to connect with the next source device in its pairing list. If that device is not available and connectable, the speaker will automatically attempt to re-connect to successive source devices in its pairing list, in order, until it finds one that is available and connectable.
- The disconnected device will still be paired with the speaker, allowing the speaker to reconnect with it later.

Reconnecting

- To reconnect to a Bluetooth source device to which you have previously paired, just power on the speaker and the source device, and place them within 33 feet (10 meters) of each other.
It's also necessary that no cable be plugged into the audio input jack.
Typically, the speaker and the source device will reconnect automatically.
- If voice prompts are enabled, the speaker says "Connected".

Clearing all pairings

- To clear the Bluetooth pairings with all previously-paired source devices, turn the speaker on, and then hold the  (Bluetooth) button for ten seconds, until the speaker says "All Bluetooth pairings cleared. Pairing mode. Please use the Bluetooth settings of your device to connect."

Audio playback

Adjusting the volume

- Click the **+** (Volume up) or **–** (Volume down) buttons to raise or lower the volume.

Playback

- **Play / pause** – Click **O** (Action) to toggle between playing and pausing your audio.
- **Next track**: click **O** and **+** to skip to the next track in the play list.
- **Previous track**: click **O** and **–** to skip to the previous track in the play list.

Taking a call – Speakerphone mode

Your Fugoo Bluetooth Speaker can act as a very high quality speakerphone for your cell phone or smartphone. You can receive and end calls and manage a call on hold.

Taking a call

If you take a call on your phone when it is connected to the speaker, you'll hear it ringing through the speaker.

- Click the **O** (Action) button to receive (pick up) the call.
- Talk and listen through the speaker during the call.
- Click **+** or **–** to raise or lower the volume.
- Click **+** and **–** simultaneously to mute / un-mute the microphone.
- Click **O** to end (hang up) the call.
- If you have a call on hold, press **O** to switch to it, and to switch back to the other call.
- Double-click **O** to end the active call and switch to the call on hold.
- Use your phone's controls to transfer the call from the speaker back to your phone.

Voice Response mode

- While your phone or other device is paired to the speaker (and a call is not in progress) hold the **O** (Action) button for one second. A tone sounds through the speaker to activate a voice response service, such as Siri, Google Now, or Cortana.
- Speak voice response commands through the speaker's microphone.
- Click **+** or **–** to raise or lower the volume.
- Click **O** (Action) to cancel voice response mode.

LED indications

The LED between the Power and Bluetooth buttons shows either the connection status or the charging status of the speaker. Charging status takes priority, so disconnect the speaker from the AC adapter to see its connection status.

- **Blinking blue/red: pairing mode** – The speaker is available for pairing with a source device, such as a smartphone, tablet, Mac, or PC.
- **Blinking blue: ready** – The speaker is not currently connected to a source device, but is ready to connect to a source device with which it has been paired.
- **Solid (continuous) blue: connected** – The speaker is currently paired with and connected to a source device.
- **Pulsing green: charging** – The speaker is charging the battery. This indication overrides the connection status indications above.
- **Solid (continuous) green: charged** – The speaker has completely charged the battery. This indication overrides the connection status indications above.

Customization / other functions

Normal and Loud modes

- There are two loudness modes for your Fugoo Bluetooth Speaker. **Normal mode** is the default, and is designed for best overall sound with most types of music. **Loud mode** is quite a bit louder, and is ideal for playing music outdoors, and in large rooms. Both modes employ dynamic realtime equalization to boost the loudness of songs that have been recorded at lower volume levels.
- To switch from one mode to the other, start with the speaker off, then press and hold the Action (O) button and press the power button. The speaker will turn on, and announce which mode it's in.

Voice prompts and tones level

- There are three voice prompt and alert tone levels: Normal, Low and Off. Normal is the factory default volume level – the level you will hear when you first turn on your Fugoo Bluetooth Speaker. The Low level is about 20% lower than the Normal level.
- To change the voice prompt and tone levels from Normal to Low, start with the speaker off, then press and hold the – (volume down) and + (volume up) buttons, then also press the  (Power) button for one second. The speaker will turn on, and announce that voice prompts have been set to Low.
- Follow the same steps as above to change the level from Low to Off.
- Follow the same steps again to change the level from Off to Normal.

Power Save mode On / Off

The speaker can shut itself off to conserve power, after a period of inactivity – meaning no button presses, and no audio playback. Power Save mode can be toggled on and off by holding the – (volume down) button while turning the speaker on with the  (Power) button. The default state is on.

If Power Save mode is on, then the speaker will shut itself off as follows...

- If the speaker is **not connected** to a source device and is **not plugged into a power source**, the speaker turns off after **15 minutes** of inactivity.
- If the speaker is **not connected** to a source device and is **plugged into a power source**, the speaker turns off after **30 minutes** of inactivity.
- If the speaker is **connected** to a source device and is **not plugged into a power source**, the speaker turns off after **1 hour** of inactivity.
- If the speaker is **connected** to a source device and is **plugged into a power source**, the speaker will not shut off automatically.

If Power Save mode is off, then the speaker will remain on until you turn it off by pressing the  (Power) button for one second

Resetting the speaker

- If the speaker becomes unresponsive, or behaves differently than you believe it should, try resetting it. Hold the  (Bluetooth) and O (Action) buttons for ten seconds. This will reset the speaker, without clearing its pairing list.
- The speaker can be reset whether it's on or off.

Updating your Fugoo Bluetooth Speaker's firmware

Fugoo posts new versions of the speaker firmware from time to time to add features, improve the sound quality and loudness, and enhance the user interface.

The firmware updates are installed by an Update Utility that is compatible with Windows 8, Windows 7, Windows Vista, Windows XP, and Mac OSX 10.6 and higher.

Please visit the Start page on our website to download the Update Utility and the latest speaker firmware. For best results, fire up either the Mac video or the Windows video, and follow along by pausing the video at each step.

Care and maintenance

- **CAUTION:** Never use your Fugoo Bluetooth Speaker without one of its jackets (Style, Sport, or Tough). The jacket is an essential part of your speaker because it protects the speaker drivers from damage.
- **CAUTION:** Always clean your speaker core as soon as possible after exposure to salt water or mud. See the cleaning instructions below. This will insure that it holds up well over time, and always sounds its best.
- **CAUTION:** The Micro USB and .35mm audio connectors are waterproof, but be sure to rinse them under warm tap water after exposure to salt water, and then let them dry thoroughly before connecting cables to them.

Cleaning the speaker core

- After a day at the sandy beach or the muddy trail, remove your speaker core from its jacket and rinse it off with warm water from a sink faucet. Don't use soap, detergents, or any chemical cleaning products. Don't use a garden hose, compressed air, or any other high-pressure stream to clean it, as this may damage the speaker drivers. Don't use a brush of any kind, for the same reason.

Cleaning the Style and Sport jackets

- Remove your sandy or muddy Style or Sport jacket from the speaker core, and rinse it off with warm water from a sink faucet. Don't use a garden hose or any other high-pressure stream to clean it, as this may damage the jacket's fabric covering. Don't use a brush of any kind, for the same reason. Feel free to use soap or detergent.

Cleaning the Tough jacket

- Remove your sandy or muddy Tough jacket from the speaker core, and rinse it off with soap or detergent, and a nylon or natural bristle brush to help remove debris. Never use a metal brush, which may scratch the surface of the jacket.

Changing jackets

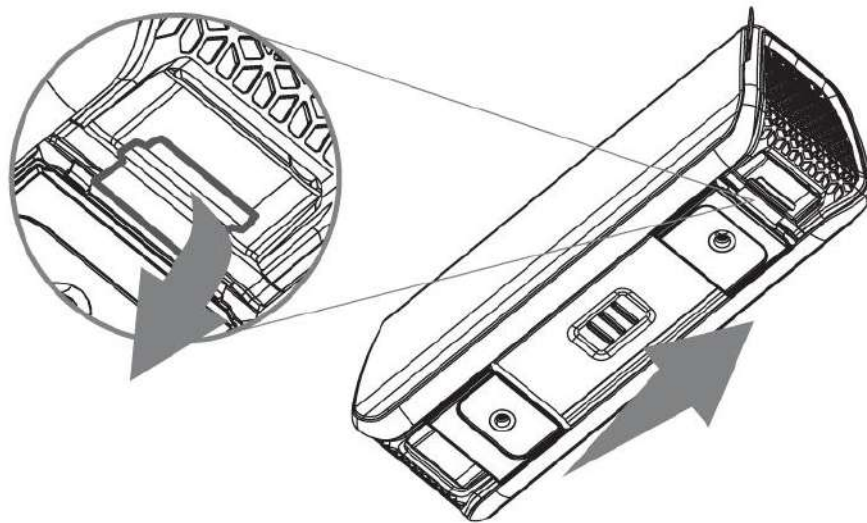
You can easily remove the jacket on your speaker, or swap it with another one.

Watch this helpful video **How To:** [Changing Jackets on Fugoo Speakers:](#)

- **CAUTION:** Never use your Fugoo Bluetooth Speaker without one of its jackets (Style, Sport, or Tough). The jacket is an essential part of your speaker because it protects the speaker drivers from damage.

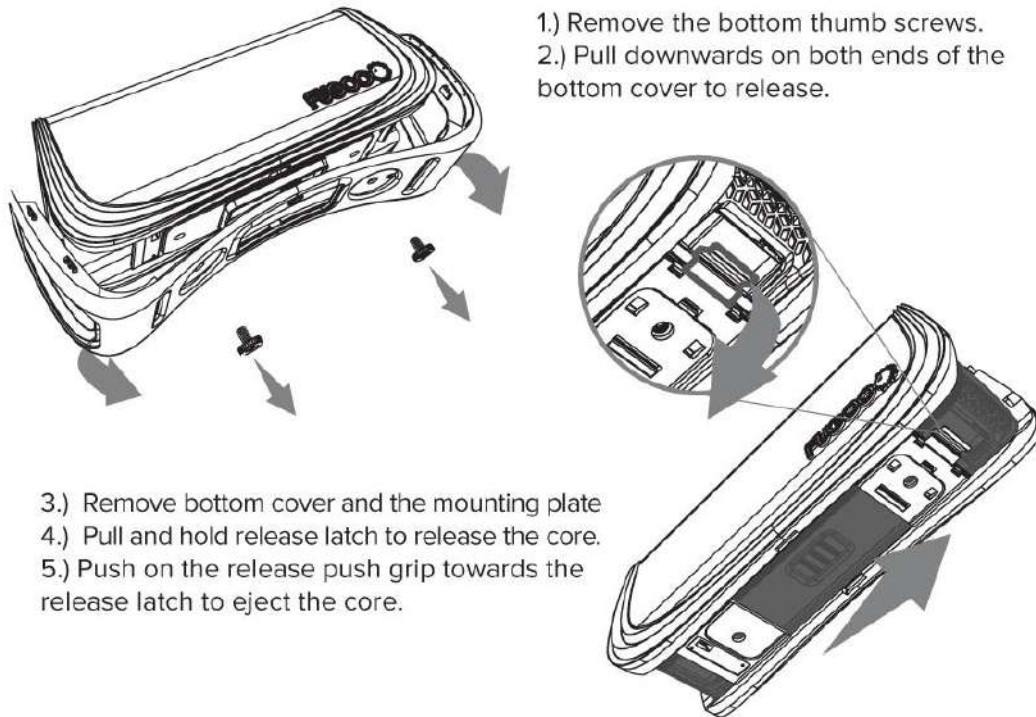
CHANGING THE STYLE JACKET

- 1.) Pull and hold the Release Latch to release the Core.

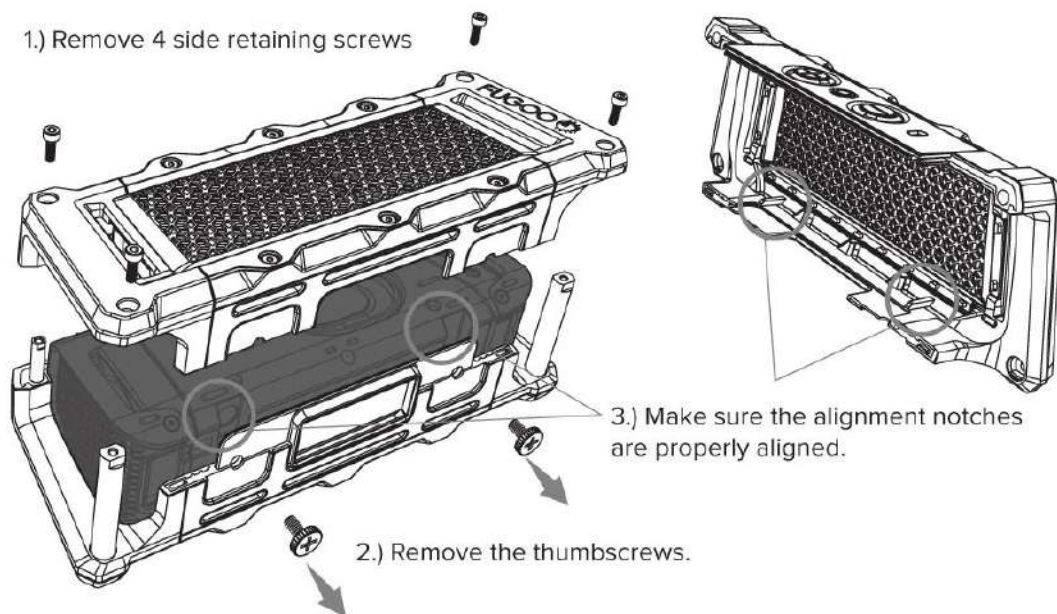


- 2.) Push on the Release Push Grip towards the Release Latch to eject the Core.

CHANGING THE SPORT JACKET



CHANGING THE TOUGH JACKET



Specifications

Audio

- Six proprietary, custom-designed acoustic drivers:
 - Two 28mm tweeters
 - Two 39mm woofers
 - Two 43mm x 54mm passive radiators
- Drivers face all directions, with an 8-degree upward tilt for better sound distribution
- 6W (3W per channel)
- Sound Pressure Level (SPL-A): 95dB @ 0.5 meters
- Full-range frequency response: 60Hz - 20KHz
- Supports [aptX®](#), [AAC](#) and [SBC](#) audio codecs for high-quality Bluetooth stereo sound

Connectivity

- [Bluetooth 4.0](#) for wireless connectivity up to 33 feet
- [Bluetooth Low Energy](#) for the Fugoo Remote Control accessory
- Bluetooth Advanced Audio Distribution Profile ([A2DP](#)) 1.3 – enables playback of music from your smartphone, or other audio device.
- Bluetooth Audio/Video Remote Control Profile ([AVRCP](#)) 1.5 – enables control of music playback from your audio device and from the optional Remote Control.
- Other Bluetooth profiles: Hands-Free Profile ([HFP](#)) 1.6, Headset Profile ([HSP](#)) 1.2 – enables speakerphone and voice response services (Siri, Google Now, Cortana...)
- Support for Bluetooth stereo audio codecs: [SBC](#), [AAC](#), and [aptX®](#).
- [3.5mm stereo input jack](#) for connection to headphone outputs of iPods, other sources.
- [Micro USB port](#) for battery charging and firmware updates

Microphone

- Omnidirectional microphone with echo cancellation
- Full-duplex capable in speakerphone mode
- Digital signal processing for wind and background noise reduction

Power

- Up to 40 hours continuous play at 50% volume
- Built-in lithium-Ion rechargeable battery
- Charged via USB or international AC adapter (included)
- Battery life displayed on devices running iOS 6 and higher

Size & Weight

With Style jacket

- 2.1" x 6.5" x 2.6" (54 x 165 x 66mm)
- .97 lbs (442g)

With Sport jacket

- 2.3" x 7.4" x 2.9" (59 x 187 x 73mm)
- 1.1 lbs (519g)

With Tough jacket

- 2.3" x 7.75" x 2.9" (59 x 197 x 73mm)
- 1.4 lbs (624g)

Optional accessories

Fugoo Style Jacket



Fugoo Sport Jacket



Fugoo Tough Jacket



Remote Control



Bike Mount



Multi Mount



Strap Mount



Accessory Pack



For more information, visit Fugoo's [Accessories](#) webpage.

Remote Control

Please see the separate **Fugoo Remote Control User Manual**.

Product support

- Visit Fugoo's Support page at support.fugoo.com for help with connecting, to view our FAQs, or to ask us a question.
- Visit Fugoo's downloads page at fugoo.com/downloads, for firmware updates, alternative voice prompts, and mobile wallpaper images.
- Send us a support request at support@fugoo.com.

Legal notices

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Canada Statement

This device complies with Industry Canada's licence-exempt RSSs. Operation is subject to the following two conditions:

- (1) This device may not cause interference; and
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

- (1) l'appareil ne doit pas produire de brouillage;
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'encompromettre le fonctionnement.

The device meets the exemption from the routine evaluation limits in section 2.5 of RSS 102 and compliance with RSS-102 RF exposure, users can obtain Canadian information on RF exposure and compliance.

Le dispositif rencontre l'exemption des limites courantes d'évaluation dans la section 2.5 de RSS 102 et la conformité à l'exposition de RSS-102 rf, utilisateurs peut obtenir l'information canadienne sur l'exposition et la conformité de rf.

La operación de este equipo está sujeta a las siguientes dos condiciones: (1) es posible que este equipo o dispositivo no cause interferencia perjudicial y (2) este equipo o dispositivo debe aceptar cualquier interferencia, incluyendo la que pueda causar su operación no deseada."

CAUTION

RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE. DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS.

[This section revised July 2015]