

The Dash

User Manual

Get started with The Dash

Inside the package you will find The Dash fitted with Extra Small size "XS" FitSleeves, The Charger, The Slide, a USB to Micro USB Cable and additional FitSleeves in sizes S, M and L.

Activate and charge

Before you can get started using The Dash it needs to be activated.

1. To activate The Dash simply place The Dash into The Charger and make sure it sits correctly on the MagSnap.
2. Connect The Charger to a computer or a power source via USB.
3. The LightGuide will pulse with a blue light and The Dash is now activated and will start charging.
4. The LightGuide on The Dash will start breathing (a slow regular pulsation) to indicate the current battery status when charging.
5. Out of the box, The Dash will have some charge, however, it is recommended that you fully charge The Dash before first use.
6. The battery is fully charged when the breathing is blue.
7. The Dash is now activated, fully charged and ready for use.

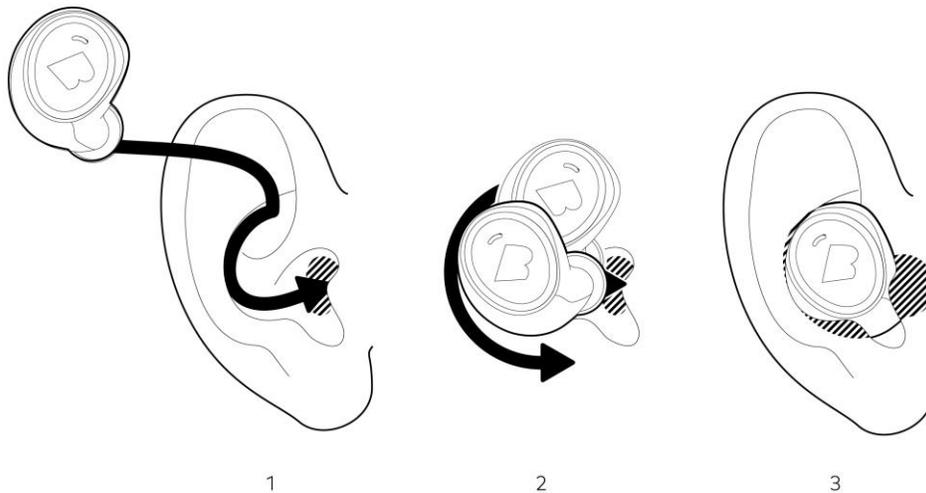
Insert The Dash in your ears

Learn in detail how to [insert The Dash to a PerfectFit](#).

1. Tilt The Dash slightly forward and insert the speaker tip into your ear.
2. Adjust the fit by rotating The Dash backwards until you feel a comfortable and secure fit.
3. With the PerfectFit you should feel The Dash completely sealing your ear canal while it sits snugly in your ear with a 3-point secure fit, as shown in the diagram below.

Inserting The Dash for the first time, you will be welcomed with an introduction to its features as well as how you get started by adding music files to the Internal Music Player or how to stream audio by pairing and connecting The Dash with your smartphone or any other device.

Please note that this message is only available one time.



Change The FitSleeves

The Dash is designed to give you a PerfectFit. To maximise your experience with The Dash we strongly recommend that you try all FitSleeves in order to find the size that gives you The PerfectFit.

Learn more about The PerfectFit and how to [change The FitSleeves](#).

Connect via Bluetooth

The Dash uses two different Bluetooth technologies to connect and communicate with other devices and applications.

The Right Dash connects via Bluetooth Classic and enables music streaming and headset functionality with your smartphone, tablet, computer or any other compatible device.

Learn in detail about the features of The Right Dash and [how to connect The Dash for music](#).

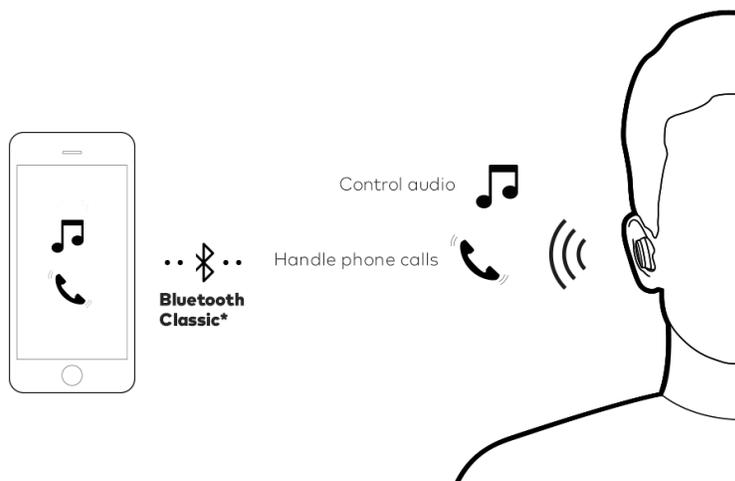
The Left Dash connects via Bluetooth Low Energy (BLE) and enables the data from the Activity Tracker to be used together with the Bragi App or other preferred apps.

Learn in details about the features of The Left Dash and [how to connect The Dash for data](#).

Pair & Connect The Dash for Audio and Telephony

Important notice!

With the Bragi OS 2.1 the Bluetooth connection between The Dash and other devices is secured. This requires a one-time re-pairing and bonding. To establish a secure connection, please remove your Dash from your smartphone, tablet or computer by unpairing/forgetting it and initiate the secure pairing and bonding procedures after that.



* Bluetooth Classic is the technology The Dash uses for audio transfer (e.g. music and telephony). This is not to be confused with Bluetooth Low Energy (BLE) which is used data exchange, for example during activity tracking. Although they partially share the same name they are different technologies.

What is secure pairing?

When you try to pair your Dash with an external device for the first time, you will have to verify and authorize the connection both devices. The two devices exchange keys, making them able to reconnect later on. By introducing the secure pairing procedure Bragi makes sure that the connection is encrypted and authenticated and that long term keys are stored on both devices. This makes the connection itself completely secure, as no "man-in-the-middle" can gain access

to your data streams unless access is granted by you. Furthermore this permanent pairing between devices enables their seamless reconnection.

Pair & Connect for audio

To make The Dash visible to your phone and enable the secure pairing, follow the steps below:

1. Hold down The Right Dash for 5 seconds, until you hear the pairing sound.
2. When you hear the voice feedback: "OK, my audio system is now visible..." your Dash will be visible for 2 minutes, and it will appear in the list of available bluetooth devices on your phone.
3. Select your Dash from the device list*
4. You will now see a popup dialogue on your phone displaying your personal secure pairing code. The Dash will now read this code to you.
5. If the code is identical to what The Dash read out loud, then first confirm on your Dash with a single TAP on The Right Dash or by just nodding your head.
6. To complete the pairing, you need to confirm on your phone as well.
7. Make sure that you do not wait for too long to confirm the code on both devices as your phone will only allow the secure connection attempt for a short time.
8. The Dash will confirm upon a successful connection.
9. You are now securely connected and able to stream audio and handle phone calls with The Dash.

*If you see two devices in the list with the name "The Dash" just hit the home button and then go back to the Bluetooth section in settings. Alternatively, turn Bluetooth off and then back on. Then only one device should be visible.

Easy reconnection

Both your phone and The Dash will remember the devices to which they are paired. This means that The Dash will automatically re-connect after being taken out of The Charger, or accept a connection from the external device, without having to confirm the code again.

For iOS users:

By design, an iOS device will not automatically reconnect to The Dash in case the Bluetooth connection is disabled and re-enabled again. This is not a malfunction of The Dash or of the iOS device.

For Android users:

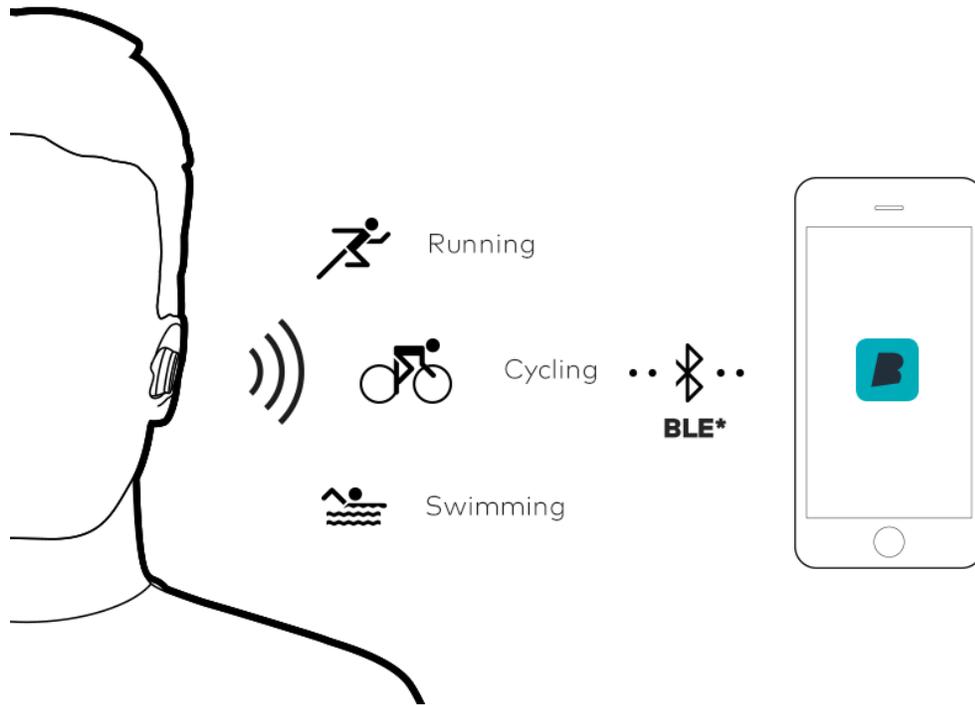
Some Android devices have shown special behaviour or connectivity issues across different versions of the Android operating system as well as vendors. Please refer to our [device compatibility list](#) for more information.

Bond & Connect The Dash for activity tracking and data transfer

Important notice!

With version 2.1 the Bluetooth connection between The Dash and other devices is secured. This requires a one-time re-pairing and bonding between The Dash and your device.

To establish a secure bond and connection, please remove your Dash from your smartphone, tablet or computer by unpairing/forgetting it and start the secure bonding procedure after that.



* BLE (Bluetooth Low Energy) is the technology used for data transfer. This is not to be confused with Bluetooth Classic which is used for the transfer of audio (streaming and telephony). Although they partially share the same name they are completely independent technologies.

What is secure bonding?

When you try to pair your Dash with an external device, the two devices exchange keys, making them able to decrypt transferred data later on. By introducing the secure bonding procedure Bragi makes sure that the connection is encrypted and authenticated and that long term keys are stored on both devices. This makes the connection itself completely secure, as no "man-in-the-middle" can gain access to your data streams unless access is granted by you. Furthermore the permanent bond between devices enable seamless reconnection of the devices, without having to reconnect manually on The Dash.

Bond & Connect the sensors

In the following we will show you how to bond and connect The Dash with your device. To do this, we will use the Bragi App as an example.

Before we start

1. Make sure that your phone supports BLE and Bluetooth is enabled.
2. Also make sure, that The Dash is not currently connected to another application or device via BLE, as only one device can be connected at a time.

We are ready, let's start

1. Open the Bragi App.
2. Hold your finger on the EarTouch on The Left Dash for 5 seconds to start the advertisement of the BLE signal. This signal will be active for 60 seconds.
3. Once you see your Dash select it, with a tap, in the device picker.
4. The Dash will read your 6-digit authentication code out loud. Do not worry if you miss it the first time, The Dash will repeat the code.
5. Enter your code and confirm on the device.*
Do not wait for too long to confirm the passcode or the connection window will time out.
6. The Dash is now bonded with your device and will automatically connect to the Bragi App.
7. Congratulations, The Dash and your device are now securely connected to exchange sensor and settings data.**

*Android users will see a pop-up screen or a system dialog. Only one of them must be confirmed (the other one untouched). Closing one of these screens will fail the pairing procedure.

**Windows phone users may experience slightly different instructions. However, complete visual feedback is available throughout the entire procedure.

The bond is between The Dash and your device, it is not exclusive between The Dash and the app.

Reconnecting to a bonded device or application

Once securely bonded The Dash will remember that device and therefore be able to connect to any BLE compatible application on the device. To reconnect to the Bragi App simply tap your Dash when visible in the device picker.

1. The Dash will then securely connect without you having to re-enter a passcode.*

The Dash can bond with multiple devices, up to 8 in total. A firmware update might reset the list of bonded devices of The Dash.

Connecting to Android

- Some Android devices have shown abnormal behaviour or connectivity issues across OS versions as well as vendors. Please refer to our device compatibility list for more information.
- From Android 6 on, location services need to be enabled and the location permission must be provided to an application to scan for Bluetooth devices.