

iOS 15.1



Android 10





If the problem persists, contact support@otoadd.com to help. .

Contents

What's in the box	2
Left & Right device markings	2
Putting on the device	3
Function Instruction & LED Indicator	4
Volume control & Bluetooth pairing	4
APP Download	7
Otoadd Control APP	8
7.1 Installing the APP & APP Permission	8
Battery Level & Charging Instruction	10
Operating, transport and storage conditions	12
Care and Maintenance	13
Warranty	13
Technical Specification	14
Compliance information	15
Information and description of symbols	16
Important safety information	17
15.1 Battery Safety	17
15.2 Information on product safety	20
Troubleshooting	22
	Left & Right device markings Putting on the device Function Instruction & LED Indicator Volume control & Bluetooth pairing APP Download Otoadd Control APP 7.1 Installing the APP & APP Permission Battery Level & Charging Instruction Operating, transport and storage conditions Care and Maintenance Warranty Technical Specification Compliance information Information and description of symbols Important safety information 15.1 Battery Safety 15.2 Information on product safety

1 What's in the box



2 Left & Right device markings

There is an R or L on the side of the device which will tell you whether it is a left or right ear.



3 Putting on the device

When inserting your device for the first time, there can be feedback (whistling) if your device are not fully inserted.



Choose the appropriate ear tips provided with the device and attach them securely.



- 1. Put device into ear in 45°.
- Gently insert the ear tip into ear canal.

▲ Warning: Do not insert the device without Ear Tips being fitted.

The Ear Tips included with the device are designed to properly fit most ear canals and provide reasonable assurance of safety that the device cannot be inserted too deeply into the ear canal. The Ear Tips combined with the device are designed to provide a setback from the eardrum (also known as the tympanic membrane) of at least 10mm for most ear canals. The setback is from the innermost component of the device to the eardrum and this setback ensures for most ear canals the risk of injury to the eardrum is minimized.

▲ Caution: DO NOT force the device into your ear canal to the point where it is painful or uncomfortable as this may cause damage to your ear canal.

Do not insert the device without Ear Tips being fitted.

Only use the Ear Tips that is included with the device

4 Function Instruction & LED Indicator



Device LED Indicator

LED Status	Operation & Indication
Blue LED blinking slowly	When F1 is put into charging case, the blue LED on the device will blink slowly to indicate the device is charging. When F1 is fully charge, the LED blinking will stop and off.

5 Volume control & Bluetooth pairing

Volume Control

Steps	Operation	Cue Tone
Volume Switch	The left and right devices can adjust the volume independently. Press the touch sensor for 1 second to change the volume. The volume has five levels and will cycle through each time you press the touch sensor.	1 Thump
Maximum Volume Level	At the maximum volume level, you will hear 2 thump tones.	2 Thump

Bluetooth pairing with a mobile phone or other device





Steps	Operation	Cue Tone
Enter Pairing Mode	Press the touch sensor for 6 seconds to enter pairing mode to pair with a mobile phone. Blue LED will start blinking fast, and you will hear "pairing".	Pairing
Pair with another device	Go to Bluetooth setting of your mobile phone or other device, you will find Otoadd_F1 on the list.	_
Complete Pairing		

- ◆ F1 can pair with two device at the same time.
- After the connection is completed, audio streaming can be performed.
 The volume of the audio stream is adjusted from the phone or other device.
- After hang up the phone call or stop streaming audio, F1 will automatically switch back to hearing mode.
- The Bluetooth range of the device is approximately 32 feet (10 meters) when there is no interference.
- If you are using an iOS device, you need to open Settings on your iPhone, go to [Accessibility], select [Touch], then turn on [Call Audio Routing], and set Call Audio Routing to [Bluetooth Headset].



6 APP Download

Otoadd provides companion App for better user experience, please user your phone camera to scan the QR code below and download the Otoadd Control app.





You can also search for "Otoadd Control" in the APP Store or on Google Play.





7 Otoadd Control APP

7.1 Installing the APP & APP Permission

- iOS device
 - 1. Download the "Otoadd Control" from the APP Store (iOS).
- 2. Tap "Get" to download and install the Otoadd Control App on your device.



Upon launching the Otoadd Control App for the first time, please turn on [Bluetooth].



Android device

- 1. Download the "Otoadd Control" from Google Play Store (Android).
- 2. Install the "Otoadd Control" App to your mobile device.



Upon launching the Otoadd Control App for the first time, please turn on [Bluetooth] and [Location] and grant permission for [Bluetooth] and [Location] when running Otoadd Control App.



9

8 Battery Level & Charging Instruction



Make sure that the left device is placed in the left side and the right device is placed in the right side. Charging happens when the gold contacts on the bottom of the device magnetically connect to the gold pins in the Charge Case and the lid is closed.

1 light up: Power level 25% 2 light up: Power level 50% 3 light up: Power level 75% 4 light up: Power level 100%

A completely discharged battery will recharge in about 2.5 hours.

Always store your device in the Charge Case to ensure that they are protected and always charged and ready for use. Note: The Charge Case internal battery needs to be charged using an output voltage of 5V with an output current of 1A to charge the device. A completely discharged charging case will recharge fully in about 2.5 hours.

⚠ Warning: Only use the supplied Charge Case and USB Charging Cable with an agency-approved USB power supply that meets local regulatory requirements (UL, FCC, CE, EN62133, etc.,) The device is designed to have a battery life up to 10 hours on a single charge for the device function and an additional 30 hours of on-the-go battery life stored in the Charging Case.

Note: The device battery life will be reduced when Bluetooth streaming.

Warning: Keep the device out of the reach of children or anyone who may accidentally swallow them.

- Do not use any other rechargeable battery. Batteries of low quality may leak and
 cause bodily harm. Batteries with incorrect voltage may cause damage to your
 device. They may explode and cause serious injury. Do not expose your device
 to heat, such as an open flame, microwave, or oven. There is a risk that they will
 explode and cause serious injury.
- Do not attempt to open the product or replace the battery. This will terminate the warranty.
- The device is supported by a non-removable rechargeable lithium-ion battery cell. Exposure or ingestion can be seriously harmful.
- Keep your rechargeable device away from pets, children, and people with cognitive, intellectual, or mental
- Never swallow lithium-ion batteries nor place them inside any part of the body, as this may lead to fatal injuries in two hours or less. If a lithium-ion battery is swallowed or placed inside any part of the body, or if a rechargeable device is swallowed, seek immediate medical attention.

- If the outer casing of your device is broken, the rechargeable batteries inside may leak. In this case, do not attempt to use the device – contact us. See the back page for contact information. Battery leakage can cause chemical burns. If you get exposed to battery leakage material, rinse immediately with warm water. If you get chemical burns, redness, or skin irritation from battery leakage, seek medical attention.
- Batteries are harmful for the environment. Therefore, never try to burn them.
 Dispose of your used batteries according to your country's regulations or return them to your hearing care professional.
- When traveling, consult your airline about any rules for transportation of your device and charger.

9 Operating, transport and storage conditions

Please make sure to use, transport and store the device according to the following conditions: After taking out from the minimum/maximum storage temperature, please wait at least 2 hour for the device to upgrade/cool down to the use temperature.

	Operating	Charging	Transport	Storage
Temperature	0°C - +40°C	0°C - +40°C	-20°C - +60°C	-20°C - +60°C
	(32°F - 104°F)	(32°F - 104°F)	(-4°F - 140°F)	(-4° F- 140°F)
Humidity	10% - 80%	10% - 80%	10% - 90%	10% - 90%
Atmospheric	700hPa –	700hPa –	700hPa –	700hPa –
Pressure	1060hPa	1060hPa	1060hPa	1060hPa

When storing for long periods of time, make sure to charge your device at least once every month.



The device and charging case must not be discarded as household waste and should be delivered to an appropriate collection facility for recycling. For more information on disposal and recycling of this product, contact your local municipality, disposal service, or the shop here you bought this product

10 Care and maintenance

- To ensure your device continue to work properly, you should avoid submerging in liquid or water. dropping from distance greater than 3 feet, or exposing to excessive heat for extended periods of time The common cause of device failure is wax buildup and it can be prevented. Daily cleaning of you
- device by wiping your device and ear tips with a soft, dry cloth every day and carefully removing any traces of wax and debris can reduce wax buildup. Diligent and routine care of your device will help maintain maximum performance and durability.
- The device should be removed from the ear before applying hairspray or makeup, as these products may damage it.
- Clean the device after exposure to sweat and dust.
- To prevent the deterioration of the battery lifetime or capacity, avoid storing the device in extreme hot or cold environments, such as a closed car in summer or in winter conditions.
- Never use alcohol or liquid solvents to clean your device or Charge Case. This can damage the device or may cause a skin reaction when worn.
- Do not attempt to dry the device or Charge Case in an oven, microwave, or heating equipment. This will void your warranty and may cause them to melt, causing potential injury or burns.
- Do not expose the device and charging case to direct UV light

Meep your device as clean as possible and always make sure your device and chargers are dry to maintain maximum performance.

11 Warranty

F1 are warranted against defects in materials and workmanship for the warranty period from the date of purchase when used in accordance with the applicable usage documentation

The warranty period is one [1] year.

For safe and effective operation of the F1, please familiarize yourself with the following information

Please follow safety instructions to avoid damage or injury and keep this information as you may need to refer to it again.

Warranty Warning: Please do not attempt to make repairs yourself. Doing so could cause additional damage and will void any warranties.

12 Technical Specification

Model Name	F1
Maximum OSPL90	110 dB SPL
HFA OSPL90	106 dB SPL
HFA Full-on gain	30 dB SPL
Frequency range	200Hz~8000Hz
Equivalent input noise	30 dB
THD@500Hz	<1%
THD@800Hz	<1%
THD@1600Hz	<1%
Battery Capacity	One device : 3.7V Operating time : 10 hours on one charge Charging Case : 3.7V
Weight	One device : 6g; Charging Case : 38g

Product Notices

- · Actual size and weight may be vary depending on the equipment.
- The color of the product may vary due to the presentation on the webpage, and the specifications may vary due to the configuration of the model, please refer to the actual product.
 - If there is any change in product specifications, the information published by the original manufacturer shall prevail without prior notice.

13 Compliance information

Federal Communications Commission (FCC) Statement

- FCC ID: 2AX9Z-HEB-003
- 15.105(b)

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.

- -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.
- 15.19

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
- this device must accept any interference received, including interference that may cause undesired operation.
- 15.21

You are cautioned that changes or modifications not expressly approved by the part responsible for compliance could void the user's authority to operate the equipment.

14 Information and description of symbols

↑ This symbol indicates that the products described in these user instructions adhere to the requirements for an applied part of Type B of EN 60601-1.

This symbol indicates that it is important for the user to read and take into account the relevant information in these user guides.

This symbol means that users must pay attention to the relevant warnings in these user manuals.

Important information regarding handling and product safety.

FC This symbol indicates that electromagnetic interference from the device is within limits approved by the FCC.

SN Indicates the manufacturer's serial number so that a specific medical device can be identified.

MD Indicates that the device is a medical device.

Tis symbol indicates that it is important for the user to read and take into account the relevant information in this user guide.

Temperature during transportation and storage: -20° to $+60^{\circ}$ Celsius (-4° to $+140^{\circ}$ Fahrenheit).

Humidity during storage: 10% to 90%, if not in use.

Atmospheric pressure during transportation and storage: 700 hPa to 1060 hPa

During transportation keep dry.

The symbol with the crossed-out garbage bin is to make you aware that this device as well as

chargers may not be thrown away as normal household waste. Please dispose of old or unused
device and charger, at waste disposal sites intended for electronic waste, or give your device and
charger to your hearing care professional for disposal. Proper disposal protects the environment
and health.

15 Important Safety information

15.1 Battery Safety

To maximize the life of your rechargeable device batteries do not store the device for extended periods of time without recharging them every month.

Battery Information:

Each **F1** is powered by one built-in rechargeable Li-ion coin cell battery and the Charge Case is powered by one built-in lithium polymer battery.

Battery Life:

The ${\bf F1}$ and Charge Case batteries have an operating life of 2 years based on average use and charging 2 to 3 times per week.

The capacity of any type of battery will diminish after a certain amount of recharging. With lithium-ion batteries, the capacity diminishes slightly with each complete charge cycle. Lithium-ion batteries may be charged at any time and there is no requirement to fully discharge the battery before recharging it again. A single charge cycle is achieved each time you fully discharge 100% of the battery capacity and recharge the battery again. The batteries in the device are designed to retain 80% of their capacity after 400 full charge cycles, giving the product a long usage lifespan. To charge, place the device in the Charge Case and close the lid. It takes up to 2.5 hours to fully recharge the device.

For safe and effective operation of the **F1**, please familiarize yourself with the following information.

Please follow safety instructions to avoid damage or injury and keep this information as you may need to refer to it again.

⚠ Warning:

- DO NOT throw or drop your device.
- DO NOT immerse device in liquid or water.
- **DO NOT wear** during bathing, showering, or swimming.
- Store out of the reach of children and pets.
- DO NOT expose device to excessive hear, such as a stove top, microwave, dashboard of a hot car, or hair dryer.
- DO NOT expose device to chemicals such as hair spray, insect repellent, perfume, or cosmetics.
- DO NOT use the device with higher volume for a long period of time in order to avoid hearing damage. Stop using if discomfort occurs.
- DO NOT disassemble the device.
- DO NOT use the device without the Ear Tips attached.
- DO NOT use the device for hearing protection. They are not intended to protect your hearing in highly noisy environments.

Marning:

The device should be used only as described in this user manual. Incorrect use may result in damage to the residual hearing, listening fatigue, or failure to provide sound awareness.

Keep the device and components out of reach of children to avoid choking or swallowing.

Remove the device from your ears if you encounter overly loud sounds.

Avoid use in potential explosive or damage situations.

Check before using the device in areas where electronics or wireless devices are restricted (such as aircraft) as they may cause interference. Refer to Electromagnetic Compatibility (EMC).

To avoid possible electromagnetic radiation, the device should be removed in any high frequency, heat treatment or operation, radiotherapy and strong magnetic field environments.



Recycling:

This symbol means the product must not be discarded as household waste and should be delivered to an appropriate collection facility for recycling. Proper disposal and recycling help protect natural resources, human health, and the environment. For more information on disposal and recycling of this product, contact your local municipality, disposal service, or the shop where you bought this product.

15.2 Information on product safety

- These device are not water resistant and not waterproof. Never immerse your device in water!
- Never wash the microphone inputs. Doing so could cause it to lose its special acoustic features.
- Protect your device and charging accessories from heat (never leave near a window or in the car). Never use a microwave or other heating devices to dry your device or charging accessories (due to risk of fire or explosion). Ask your hearing care professional about suitable drying methods.
- Do not place the charging accessories close to an induction cooking surface. Conductive structures inside the charging accessories could absorb inductive energy resulting in thermal destruction.
- The ear tip should be changed every three months or when it becomes stiff or brittle. This is to prevent the ear tip from detaching from the tube spout during insertion into or removal from the ear.
- Do not drop your device or charging accessories! Dropping onto a hard surface can damage your device or charging accessories.
- Charger and power supply must be protected against shocks. If the charger or power supply is damaged after a shock, the devices must not be used anymore.
- If you are not using your device for a long period of time, store it in a box with a drying capsule or in a well-ventilated location. This allows moisture to evaporate from your device and prevents a potential impact on its performance.
- (1) Charger and power supply must be protected against shocks. If the charger or power supply is damaged after a shock, the devices must not be used anymore.

- If you are not using your device for a long period of time, store it in a box with a drying capsule or in a well ventilated location. This allows moisture to evaporate from your device and prevents a potential impact on its performance.
- Special medical or dental examination including radiation described below, may adversely affect the correct functioning of your device. Remove and keep them outside the examination room/area before undergoing:
 - (!) Medical or dental examination with X-ray (also CT scan).
 - Medical examinations with MRI/NMRI scans, generating magnetic fields. device don't need to be removed when passing security gates (airports etc.). If X-ray is used at all, it will be in very low doses, and will not affect the device.
- Do not use your device in areas where electronic equipment is prohibited. The device have to be dry before charging. Otherwise the charging reliability cannot be guaranteed.
- Your device(s) contain a lithium-ion battery with a Watt hour rating <20 Wh which have been tested according to UN 38.3 of the "UN Manual of Tests and Criteria" and should be shipped in accordance with all the rules and regulations on the safe shipment of lithium-ion and lithium- polymer batteries.

16 Troubleshooting

10 Troubleoned	10 Troubleshooting			
Problem	Possible Causes	Solution		
Sound too low	Battery power level too low	Put the device into charging case to charge the battery		
	Blockage or dirt buildup on speakers or ear tips	Please clean the blockage or replace the ear tip		
Sound not clear or not stable	Battery power level too low	Put the device into charging case to charge the battery		
	Can't hear human voices in a noisy environment	Come within 1-2 meters from the source of the sound or the speaker		
device howling	Inappropriate ear tip size or not fit completely into the ear canal	Please replace the appropriate size ear tips and ensure that the ear tips are inserted into the ear canal		
	device are removed without being switched to mute mode	Please switch to mute mode before removing the device		
Not able to pair with cell phone	Lost pairing	Please re-pari the device following the re-pair instruction		
Phone sound cannot be output	Lost pairing	Please re-pair the device following the re-pair instruction		
	Does not select the correct device to broadcast on the cell phone.	Make sure the broadcast device on your cell phone is Otoadd_F1		
Otoadd Control App not connect to your device	Bluetooth and Location not turn on	Ensure Bluetooth is enabled on your device, and for Android phone, grant permission for [Bluetooth] and [Location]		

If the problem persists, contact $\underline{support@otoadd.com}\ to\ help.\ .$



Instruction manual version: V1.0

Product Name : Otoadd F1 FCC ID : 2AX9Z-HEB-003

Company: RelaJet Tech (Taiwan) Co., Ltd.

© 2025 RelaJet Tech. No part of this work may be reproduced, modified,

distributed, or otherwise used without prior written permission.