



Stealth

ACTIVE AVIATION HEADSET

User Guide

Greetings.

Congratulations on your purchase of the Faro® Stealth Aviation Headset. This product has been meticulously designed by Faro engineers in San Jose, California to bring you years of quiet, comfortable, and enjoyable flights.

Here at Faro, we live and breathe aviation. We love pilots, planes, and just about everything aviation has to offer.

We encourage you to visit www.FaroAviation.com where you will find free videos, tutorials, and articles from some of the best flight instructors in the world.

Your headset is backed by an amazing warranty. Please feel free to reach out to Faro for any questions and we always appreciate your feedback.

Thank you for choosing Faro as your aviation headset.

Sincerely,
The Faro Team

Registration.

Product Registration.

Please register your headset at www.FaroAviation.com for warranty, product updates, and access to free pilot resources from experienced certified flight instructors.

Connect with Faro.

- Twitter
www.Twitter.com/FlyFaro
- Facebook
www.FaceBook.com/FAROAviation
- Instagram
www.Instagram.com/FlyFaro
- YouTube
www.YouTube.com/user/FAROAviation

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Getting Started.

Advisories.

Please read information in this booklet carefully and completely before using your headset. Keep these instructions and make them easily accessible to all other users. Always include this booklet when giving this headset to third parties.

In an unlikely event of a problem with your headset, it is recommend to switch to an alternate communication method and to use standard cockpit resource management skills to minimize distraction.

Your aircraft sounds such as engines, propellers, warning alarms, and other sound sources may sound differently when using a new headset.

When listening to an audio source via your Faro Stealth headset, please limit the volume to safe levels to ensure you are able to hear communication and warning alarms from your aircraft.

Do not attempt to disassemble or service inside of the ear cups or others parts of the headset. This will void your warranty and may result in unexpected performance of your headset.

Faro Aviation may hire a 3rd party to repair or replace any new or used headset. "Including" means "including, but not limited to."

THE TERMS IN THIS DOCUMENT ARE THE ONLY TERMS THAT GOVERN FARO AVIATION'S WARRANTY OBLIGATIONS FOR ANY NEW OR USED HEADSET OR PART THEREOF. NO ORAL OR OTHER WRITTEN TERM APPLIES. THIS DOCUMENT PROVIDES THE EXCLUSIVE REMEDY FOR ALL CLAIMS AGAINST FARO AVIATION WITH RESPECT TO ANY NEW OR USED HEADSET OR PART THEREOF. NOTWITHSTANDING ANY PROVISION TO THE CONTRARY IN THIS LIMITED WARRANTY, FARO AVIATION RESERVES THE RIGHT TO MODIFY, AT ANY TIME AND FROM TIME TO TIME IN ITS SOLE DISCRETION, ANY AND ALL TERMS IN THIS LIMITED WARRANTY. EACH SUCH MODIFICATION IS DEEMED EFFECTIVE UPON PUBLICATION ON FARO AVIATION'S WEBSITE OR OTHERWISE.

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FOR PURCHASERS IN CALIFORNIA: PURCHASER HAS THE RIGHT TO HAVE THE NEW HEADSET SERVICED AND REPAIRED DURING THE WARRANTY PERIOD. THE WARRANTY PERIOD WILL BE EXTENDED FOR THE NUMBER OF WHOLE DAYS THAT THE NEW HEADSET HAS BEEN OUT OF PURCHASER'S HANDS FOR WARRANTY REPAIRS. IF A DEFECT EXISTS DURING THE WARRANTY PERIOD, THIS LIMITED WARRANTY WILL NOT EXPIRE UNTIL THE DEFECT HAS BEEN FIXED. IF ANY WARRANTY REPAIR HAS BEEN DELAYED BECAUSE OF CIRCUMSTANCES BEYOND PURCHASER'S CONTROL, OR IF ANY WARRANTY REPAIR DID NOT REMEDY A DEFECT AND PURCHASER NOTIFIES FARO AVIATION OF SUCH FAILURE WITHIN 10 DAYS AFTER THE REPAIR, THE WARRANTY PERIOD WILL BE EXTENDED FOR A PERIOD EQUAL TO THE DURATION OF THE DELAY. IF, AFTER A REASONABLE NUMBER OF ATTEMPTS, THE DEFECT REMAINS UNFIXED, PURCHASER MAY RETURN THE NEW HEADSET FOR REPLACEMENT OR REFUND, SUBJECT TO A REASONABLE DEDUCTION FOR PURCHASER'S USE OF THE NEW HEADSET. ANY EXTENSION OF THE WARRANTY PERIOD DOES NOT AFFECT ANY PROTECTION OR REMEDY AVAILABLE TO PURCHASER UNDER APPLICABLE LAW.

GOVERNING LAW: This non-transferable limited warranty shall be governed by the law of the State of California, U.S.A., and by the laws of the United States of America, excluding their conflicts of laws principles. Furthermore, the United Nations Convention on Contracts for the International Sale of Goods is hereby excluded in its entirety from application to this non-transferable limited warranty. Jurisdiction and venue shall be exclusive to the courts of Santa Clara County, California.

Warranty service conditions are subject to change without notice. Please refer regularly to the latest warranty terms and conditions, and additional information regarding FARO Aviation Limited Warranty, at www.faroaviation.com or its related brands or products. Send All Correspondences to: FARO Aviation, PO BOX 1116, Campbell, CA 95009, or via email at contact@faroaviation.com.

Warranty.

Product Warranty.

3-YEAR LIMITED WARRANTY FOR NEW HEADSETS SOLD BY FARO AVIATION.

Faro Aviation, LLC ("Faro Aviation") warrants that the new aviation headset sold by Faro Aviation ("New Headset") is free from all material defects in workmanship and materials. For the New Headset, all warranties provided by Faro Aviation and all implied warranties imposed by law are limited to a 3-Year period, beginning on the purchase date shown on the New Headset's sales receipt ("Warranty Period"). This 3-Year Limited Warranty ("Limited Warranty") is provided solely for the benefit of the initial purchaser of the New Headset ("Purchaser"), and it excludes all 3rd parties, including distributors, dealers, retailers, subsequent owners, and other users of the New Headset. This Limited Warranty is not assignable and remains in full force and effect during the Warranty Period, but only if the New Headset: (a) has been properly maintained; (b) has not been abused or misused; and (c) has not been repaired, altered, or modified without Faro Aviation's approval. This Limited Warranty specifically excludes all taxes, shipping costs, and problems relating to any: (1) repair, alteration, or modification not approved by Faro Aviation; (2) abuse or failure to properly maintain the New Headset; (3) faulty workmanship by any person, except Faro Aviation or its approved agent; (4) operation of the New Headset, except as specified in its operating manual; (5) ordinary wear and tear; or (6) finish and appearance item. For each claim made under this Limited Warranty ("Claim"), Purchaser must, within 10 days of discovering a New Headset problem indicating a breach of this Limited Warranty, deliver to Faro Aviation a written notice that explains in detail the New Headset's specific defect, that shows proof of Purchaser's purchase of the New Headset before the end of the Warranty Period, and that shows proof that this Limited Warranty applies to the New Headset. Faro Aviation or its agent may investigate any Claim. Faro Aviation or its agent may investigate any Claim. For each Claim, Faro Aviation may, in its sole discretion, choose any of the following exclusive remedies: (I) repair or replace the New Headset or any part thereof with same or similar Headset, without charge to Purchaser, but first Purchaser must return the New Headset to Faro Aviation's authorized repair facility, pre-paying all shipping charges, and Purchaser must accept the same as repaired or replaced at the facility's location (i.e., FOB the facility) within 10 days of the date of Faro Aviation's completion notice sent to Purchaser, or else Faro Aviation will deem the New Headset abandoned, in which case Faro Aviation may keep, sell, or otherwise discard it; or (II) refund the New Headset's purchase price to Purchaser. Without paying any amount to Purchaser, Faro Aviation may keep, sell, or otherwise discard all replaced New Headsets and parts thereof and all New Headsets where Faro Aviation has refunded the purchase price to Purchaser. In repairing or replacing any New Headset, Faro Aviation may, in its sole discretion, use new, used, or reconditioned parts or provide a refurbished used headset as a replacement. In connection therewith, Faro Aviation warrants that all new, used, or reconditioned parts or refurbished used headsets will be free from all material defects in workmanship and materials during the Warranty Period and for a period of up to 90 days thereafter, but only to the extent that such event occurs during the final 90 days of the Warranty Period. Faro Aviation may, in its sole discretion, (i) establish separate, additional, non-warranty repair and replacement programs for any new or used headset ("Non-Warranty Service Programs"), (ii) the Non-Warranty Service Programs may cover any time period, before or after any Warranty Period has expired, and (iii) charge any amount and impose any term with respect to any Non-Warranty Service Program. For Non-Warranty Service Programs, Faro Aviation warrants that all new, used, reconditioned, or refurbished parts and headsets used to repair or replace any headset will be free from all material defects in workmanship and materials, but only for a limited period of 90 days thereafter. Purchaser acknowledges that used or reconditioned parts may be used to repair any new or used headset, and that a refurbished used headset may be provided as a replacement for any new or used headset.

Function Overview.

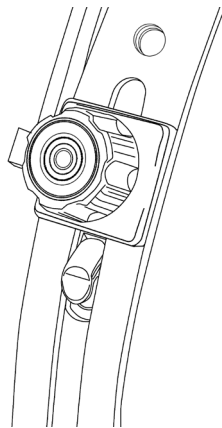


Getting Started.

Adjusting your head pad.

Adjustment for a personalized fit on the Stealth is simple and easy. Proper fit is important both for comfort and optimal noise reduction.

1. Loosen the thumb knobs on the headset rails.
2. Place the headset on.
3. Adjust the pressure by moving the ear cups up or down so it is completely over your ear. It should produce an even, gentle pressure all around each ear.
4. Tighten the thumb knobs when appropriate fit is found.



Technical Specifications.

General

Battery power supply: 3V, two AA batteries
Operating Temperature: -4 to 158 F / -20 to 70 C
Weights: 9oz / 255g

Headphone

Type: Dynamic
Frequency Response: 50 Hz-20 kHz
Sensitivity: 95±5 dB SPL

Microphone and Amplifier

Type: Noise-canceling Electret
Frequency Response: 100Hz to 5 kHz
Operating Voltage: 8-40 VDC
Matching Impedance: 150-1000 ohms
Sensitivity: -33±4 dB

Active Noise Reduction

Main Attenuation Frequency Band: 20Hz~650Hz
Power Consumption: 30 mW

Good to know.

Common Questions (continued).

Why do I hear a loud noise when ANR is turned on?

Please replace your batteries with a brand new Alkaline set. Low quality batteries can provide uneven voltage.

Why do I need to yell to activate the microphone?

Your avionics' squelch setting must be adjusted. It is common for every pilot to change the squelch setting just like adjusting the volume. Please consult someone who is familiar with your airplane's avionics if you cannot locate the squelch knob or button.

What if I have other questions?

FARO Pilot Support is here to help. Please use one of the following channels to contact us:

Online: www.FaroAviation.com

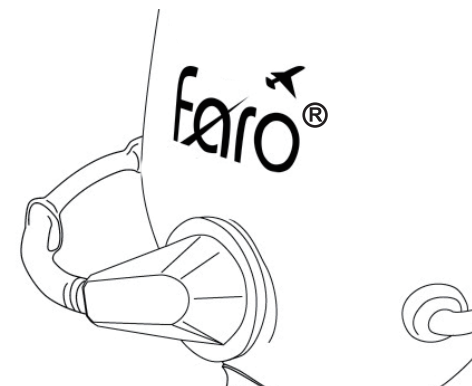
E-mail: team@faroaviation.com

Priority Customer Service: 1-855-359-3276

Adjusting your microphone.

Stealth microphone can be rotated to be placed on the right or the left side of the headset.

To adjust the microphone placement, rotate the microphone from its base and bend the flexible boom.



For clear and crisp communication, the microphone should be placed approximately 1/8" from the lips.

Getting Started.

Battery Type.

Faro Stealth requires two AA batteries. Use Alkaline batteries from trusted brands for best performance. Rechargeable batteries are discouraged because they provide uneven voltage power which interferes with ANR.

The ANR and Bluetooth functions are powered by battery. Your Stealth headset will continue its basic operations of hearing and transmitting without batteries.

Please do not mix old and new batteries together.

Battery Life.

A set of brand new Alkaline batteries can provide up to 40 hours of battery life. However, the exact duration depends on the amount of noise reduction required in your cockpit and Bluetooth usage which can reduce battery life.

Common Questions.

Why can I hear in only one side?

Your Stealth headset is compatible with both Stereo and Mono aircraft avionics. If your headset is set to the incorrect setting for your aircraft, hearing will be lost in one side. Refer to page 13 for additional information.

Why does my headset shuts off after 5 minutes?

Please disable auto-shut off by opening the battery cover and flip the small switch.

What is the best way to store the headset?


Please remove the batteries before storing the headset for a prolonged period. Store your headset in a ventilated area away from direct sunlight.

How can I reduce static noise when using Bluetooth?

Please ensure your cell phone is at least 12 inches from your Stealth controller to minimize RF interferences.

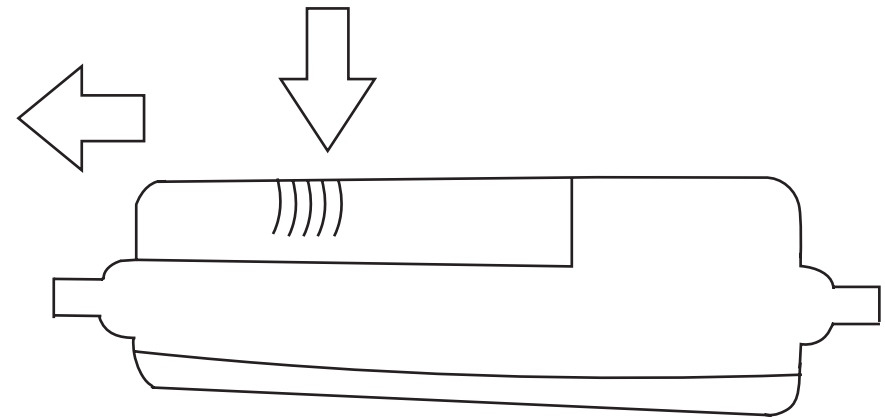
Good to know.

Pro Tips.

- Ensure Stealth is fitting you properly by reviewing adjustments on page 6. Ear seals should be centered over the ears for best performance.
- Position the microphone in front of your lips for maximum noise cancellation.
- When using Bluetooth for a phone call, place the Audio Priority Switch in Position 
- Set Mono / Stereo setting to match your airplane's avionics. For most planes, this would be mono. If set to the incorrect setting, audio will be lost in one ear.
- Keep your Bluetooth device at least 12 inches from your Stealth headset to minimize any interference.
- Turn off Bluetooth whenever it is not in use to conserve battery.
- Register your headset on FaroAviation.com for your warranty, product updates, and more.

Battery Installation.

To open the battery compartment door, press firmly down and out as shown in figure below.



Getting Started.

Controller Overview.

- A. Volume Control:** Adjustable for each ear independently.
- B. Power Status:** Flashes Green when battery supply is strong. Flashes Amber when battery is low. Flashes Red when battery is very low.
- C. Power Button:** Press and hold for one second to turn the ANR on. Press and hold for one second to turn off.
- D. Bluetooth Status:** Flashes Blue and Red when in pairing mode. Flashes Red twice when disconnected. Flashes Blue regularly when connected. Short Flash in blue indicates phone line is busy.
- E. Bluetooth Button:** Used for connecting and phone operation shortcuts. Please refer to page 15.
- F. Audio Priority Switch:** Controls which audio gets through.
 - Intercom priority - Bluetooth and Aux are muted when intercom is active.
 - All audio sources are played together.
 - Intercom only - All audio from sources other than intercom are muted.
- G. Bluetooth Volume Control:** Used for adjusting audio levels from your bluetooth sources.
- H. Aux Input:** Use the provided 3.5 mm cable to connect your audio source.
- I. USB Power Input:** Use a USB power source instead of your batteries to power up the Stealth headset.

Bluetooth Features.

Re-Dial: Press the Bluetooth button twice.

Answer Call: Press the Bluetooth button once.

End Call: Press the Bluetooth button once.

Reject Call: Press and hold the Bluetooth button for more than 1 second.

Bluetooth Status Light.

- Flashing in Red and Blue: Pairing mode.
- Flashes in Red twice: Disconnected.
- Flash in Blue regularly: Connected.
- Short Flash in Blue: Phone line is busy.

Bluetooth Devices.

Turn Bluetooth ON or OFF.

Press and hold the Bluetooth button for more than one second.

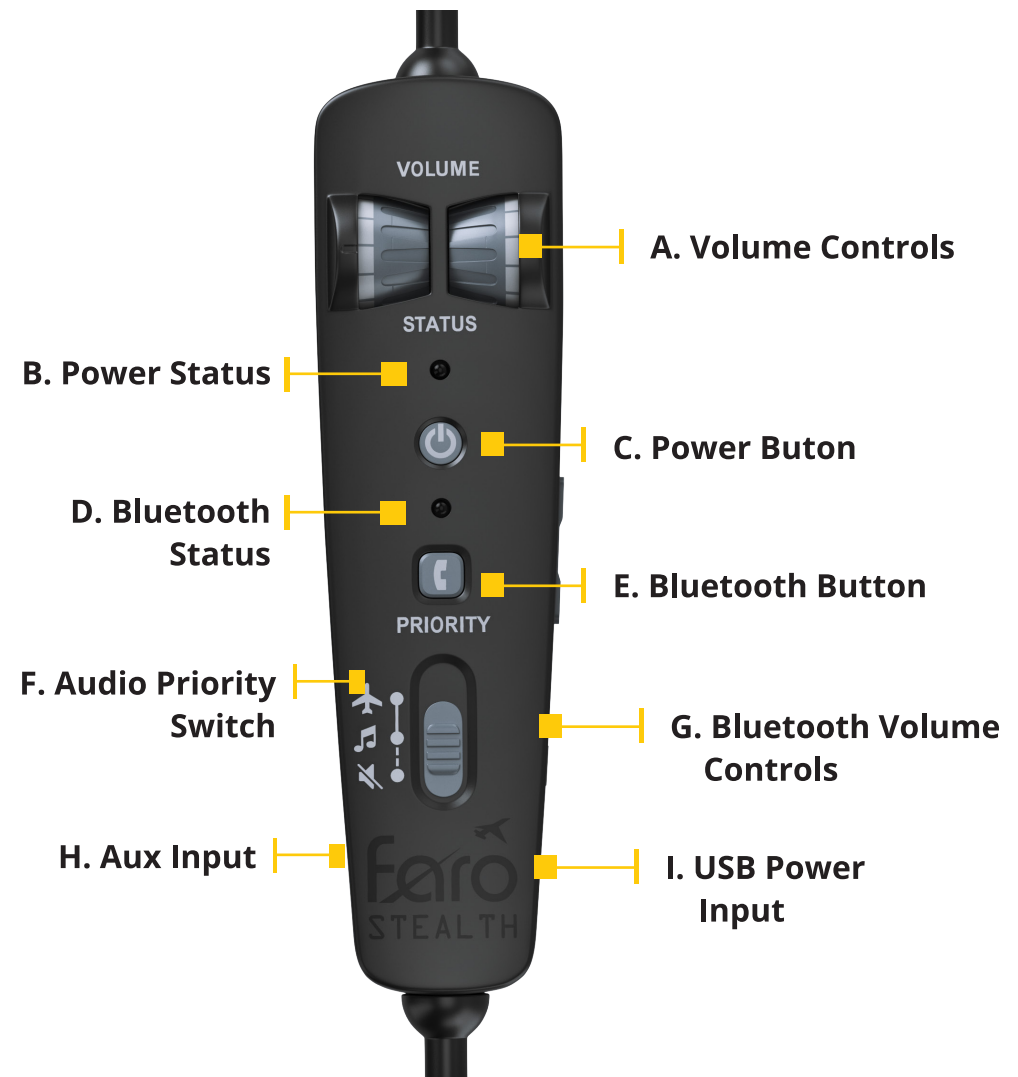
Re-connecting Bluetooth.

To connect Stealth to the last connected phone, ensure headset is turned on and flashing Green. Press the Bluetooth button to re-connect.

Bluetooth status light will flash in blue regularly upon successful connection.

To connect Stealth to a new Bluetooth source after initial pairing, please turn off Bluetooth on previous device or ensure it is not in close proximity.

Controller Reference.



Using your Stealth.

Turning it ON.



Press and hold the power button for one second. To turn off, press and hold the power button for one second.

Power Status.

- Flashes Green when battery supply is strong.
- Solid Green when controller is using USB Power.
- Flashes Orange when battery is low.
- Flashes Red when battery is very low and headset will turn off shortly.

Bluetooth Devices.

Pairing Bluetooth for the First Time.

1. Turn the headset on and ensure the power status is flashing green.
2. Place the audio priority switch to  or  position.
3. Press and hold the bluetooth button for more than one second.
4. Bluetooth status will flash red and blue to indicate it is in pairing mode.
5. Find BT-ANR on your Bluetooth device and connect.
6. If prompted for pairing code, enter 0000 (four zeros).

Bluetooth status light will flash in blue regularly upon successful connection.

Using your Stealth.

Audio Priority Switch.

You may wish to mute your auxiliary audios when you are transmitting or receiving transmission.



will automatically detect transmissions and significantly reduce auxiliary and Bluetooth audio volumes.



will continue to play auxiliary and Bluetooth audio even if transmission is sent or received. If you are talking to Air Traffic Control or other pilots, use an appropriate volume to ensure important transmissions are not missed. Use position B for phone calls.



will only allow intercom transmission to be sent to your headset. Bluetooth and Auxiliary are permanently muted with switch in this position.

Stereo / Mono Setting.

Whether you should use a Mono or Stereo setting depends on your aircraft's avionics. Incorrect setting will result in communication being heard in only one side. Stereo /Mono setting does not effect the audio from your auxiliary sources.

For most general aviation planes, Mono setting is required. To change this setting, please remove the battery compartment, any batteries and change the switch position using the figure below.

Using your Stealth.

Auto Shut Off.

When Enabled:

Stealth will automatically power off approximately five minutes after headset is removed from airplane jacks or after intercom is turned off.

Stealth will automatically shut off after 1 hour if only auxiliary or Bluetooth Audio is playing.

When Disabled:

In some avionics, auto-shut off does not work as intended. In these cases, please set the auto-shut off switch to off position and manually turn off the headset.

AUDIO

Mono
Stereo



AUTO OFF

Enabled
Disabled

