



OWNER'S MANUAL



FAH *Series* AVIATION HEADSETS



STEALTH
A v i a t i o n



THANKYOU

Congratulations on your purchase of your Stealth Aviation FAH-Series PNR headset.

Built to last from 100% real carbon fibre, ABS polymers, satin black stainless steel and premium grade aviation components, the FAH-Series are an amazing performing and beautifully designed aviation headset.

The 900-Series are unlike any headset you have ever worn. Weighing in at a mere 255g. Simply pick one up to see what thousands of other pilots have already said - 'wow, this is light - very light.'

The 200-Series are superb value for money and out perform many headsets worth over twice as much. They share the same quality components as the 900-Series and offer the same performance.

Enjoy all-day comfort and crystal clear audio with a full flexible and rotatable mic boom, a noise-cancelling electret microphone and leatherette or gel earseals. The custom satin black frame finishes the Stealth feel of the headset, while providing a massive -23db of passive noise attenuation.

Thank You for your Purchase





FITTING

The suspension system of the Stealth FAH-Series headsets are designed for a simple and comfortable fit. Proper fit is necessary for maximum effectiveness.

The headset should be worn so that the head pad lightly touches the top of the head. Turn anti-clockwise to loosen the locking knob, then adjust the sliding assembly on each side as necessary (see Fig. 1). Turn clock-wise to tighten once you have the headset fitted to your personal comfort preference.

The ultra-soft memory foam of the ear seal will conform to the sides of your head to provide an adequate seal. While in the presence of noise, adjust headset accordingly for optimum performance of communications (and on the GA Dual Plug types), the optional music listening.

To adjust microphone placement, move boom up/down and in/out by rotating and flexing the boom as necessary. Ideal microphone placement is 3-4mm from the lips, as this will provide maximum intelligibility and ambient noise rejection.





FEATURES DUAL GA



1. Rugged lightweight stainless steel headband and suspension system
2. Fully adjustable suspension assembly for personalized comfort
3. Locking knob for headband adjustment
4. Super soft pillow headpad
5. Plush, 'over the ear', leatherette foam ear seals reduce heat build up and provide excellent noise attenuation
6. PNR Passive Noise Reduction Earcups -23dB
7. 270 degree swivel mic boom
8. Full flex, reversible boom for precise mic placement
9. Electret Microphone with enhanced noise cancelling
10. Dual GA Plugs PJ-055 & PJ-068 with 1.5m Straight cord
11. Compact, in-line Control Module
12. Dual volume controls to adjust volume independently in each ear
13. Adjustable Resistance Turn and adjust to set mic gain
14. Dual 3.5mm external inputs for connecting to cell phones, MP3, tablets or other personal electronic devices
15. Mono/Stereo Switch storage in Stealth Aviation headset bag
16. Key provided to set mic gain on Adjustable Resistance dial



FEATURES

HELI U 174



1. Rugged lightweight stainless steel headband and suspension system
2. Fully adjustable suspension assembly for personalized comfort
3. Locking knob for headband adjustment
4. Super soft pillow headpad
5. Plush, 'over the ear', leatherette foam ear seals reduce heat build up and provide excellent noise attenuation
6. Adjustable Volume on ear-cup
7. PNR Passive Noise Reduction Earcups -23dB
8. 270 degree swivel mic boom
9. Full flex, reversible boom for precise mic placement
10. Electret Microphone with enhanced noise cancelling
11. Military Grade Coil Cord stretches to 1.5m
12. Helicopter U174 / NATO Plug



CONTROL MODULE DUAL GA



1. Volume Control Left
Adjust listen level up or down. (Left/Right levels are independent)
2. Volume Control Right
Adjust listen level up or down. (Left/Right levels are independent)
3. 3.5mm Audio Jack #1
Stereo 3.5mm input for external audio device.
4. 3.5mm Audio Jack #2
Stereo 3.5mm input for external audio device.
5. Adjustable Resistance
Use key provided (#7) to adjust mic sensitivity
6. Stereo/Mono Switch
Set per type of intercom/audio panel. (Factory setting 'Mono')
7. Key provided to set mic gain on Adjustable Resistance dial



AUDIO INTERFACE DUAL GA

1. Mobile Phone

Use of a mobile phone using the audio input feature while plugged into aircraft intercom is not recommended and may violate applicable regulations.

The microphone on the headset **does not transmit voice** to the phone when using the 3.5mm cable provided. You can hear audio from the phone, however to conduct a phone call, you will need to have the mobile phone handset close enough by for the speaker built into the phone to pick up any voice signal.

The mobile phones callers voice is only heard by the headset connected to the mobile phone.

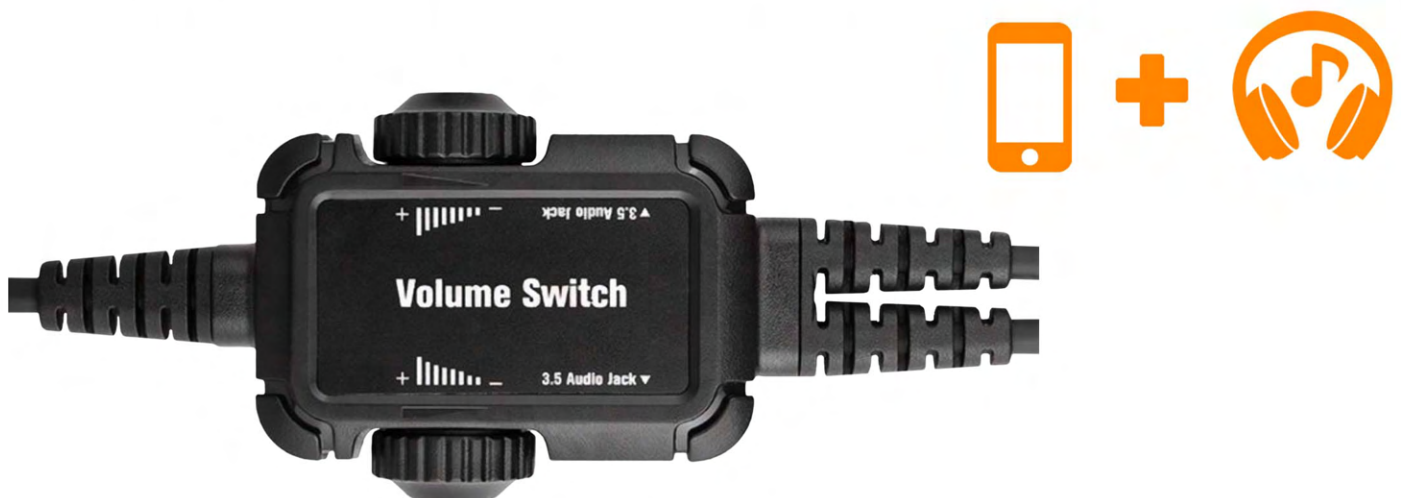
Sidetone is always present.

NOTE: When using in an aircraft intercom, mobile phone receive audio is not muted when receiving a transmission from ATC or intercom.

2. Music Listening

The audio interface on the control module allows you to listen to your favorite music when plugged in to mobile phones, MP3, tablets, or other compatible devices via a 3.5mm stereo mini jack.

NOTE: When using in an aircraft intercom, the music will not mute to prioritize communication.





ADAPTER CORDS

The Stealth Aviation FAH-Series will work with a variety of adapter cords to use the headset in different aircraft types that require alternative headset plug types.



FAH-AD01
Dual GA to U174 Adapter



FAH-AD02
U174 to Dual GA Adapter



FAH-AD04
Dual GA to 5-PIN XLR Adapter



FAH-AD08
Dual GA to 6-PIN Lemo Adapter



ACCESSORIES

The Stealth Aviation FAH-Series allows for the replacement of soft goods and the microphone. We recommend you replace your soft goods every 12-months to have your Stealth headset remain in prime working condition.



REPLACABLE PARTS REMOVAL/INSTALLATION

200-Series Electret Microphone (*not 900-Series*)

To remove microphone: Remove 'O' Ring and foam cover. Undo grub screws using a small flat blade screwdriver. Hold microphone firmly between two fingers and pull straight out.



To reinstall microphone: Remove foam cover. Hold microphone firmly between two fingers and push straight in. Make sure the threaded holes for the grub screws are facing the right side up. Tighten grub screws and reinstall foam cover plus 'O' Ring.



FAH-Series Microphone Foam Cover

Slide foam cover over the top of the microphone and secure with 'O' ring.



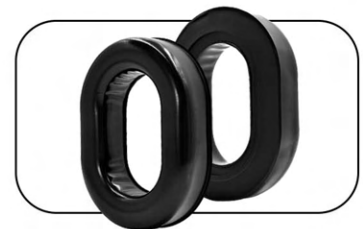
FAH-Series Leatherette Ear Seals, Pair

To Remove: Gently pull off
To Install: Stretch ear seal over lip of dome to seal
PN: FAH-0010D



FAH-Series Gel Ear Seals, Pair

To Remove: Gently pull off
To Install: Stretch ear seal over lip of dome to seal
PN: FAH-0010C

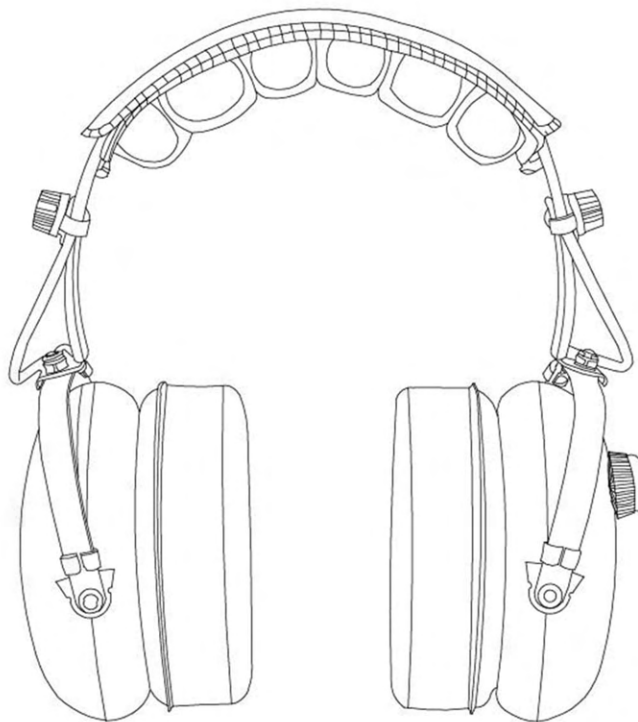




WARRANTY

Stealth Aviation FAH-Series headsets are covered by a 2-year manufacturer warranty. In the unlikely event that you experience a problem, Stealth Aviation qualified representatives are available to answer your questions and provide the best customer service in the industry. Many repairs are covered under warranty.

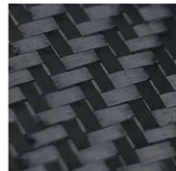
Contact a representative from your place of purchase.





SPECIFICATIONS

FAH-900



CARBON



KEY FEATURES

- PNR Passive Noise Reduction Headset
- Noise-cancelling Electret Microphone
- Satin Black over-the-head Stainless Steel Band
- Dual Headband adjustment
- 100% Genuine Carbon Fiber Ear Cups
- Satin Black Stainless Steel Hardware
- Super Soft Pillow Cushion Headpad
- Dual Ridge Leatherette Ear Seals
- Control Module - stereo/mono, left/right volume
- Dual 3.5mm stereo mini jack inputs
- Flexible 270 degree Rotable Mic Boom with Ratchet
- Suits left or right side wear
- Replaceable Electret Microphone
- Passive NR rating -23db
- 1.5m Straight Cord with PJ-055 / PJ-068 GA Dual Plugs
- Headset Case included
- 3 Year Manufacturer Warranty

SPECIFICATIONS

Microphone Specification:

Sensitivity Range: -4633dB RL=1.0K Q Vs=2.0V DC 1KHz
Impedance Max: 2.2K2 1kHz (RL=2.2Kff)
Frequency: 20Hz - 20KHz
Current Consumption Max: VS=2.0V RL=2.2Kff MAX:500 QA
Operation Voltage Range: 2.5 - 10V DC
Max Sound Pressure Level: 110dB SPL

Speaker Specification:

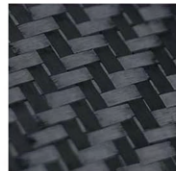
Impedance: 300ff +15%@1KHz
Sensitivity: 119dB +10% /1Watt @ 0.5 Meter
Resonance Frequency: (FO) 680Hz +20%
Frequency Response: F-5KHz
Rated Input Power: 1W
Maximum Input Power: 1.5W

Weight: 255g / 355g inc. cord



SPECIFICATIONS

FAH-900H



CARBON



KEY FEATURES

- PNR Passive Noise Reduction Headset
- Noise-cancelling Electret Microphone
- Satin Black over-the-head Stainless Steel Band
- Dual Headband adjustment
- 100% Genuine Carbon Fiber Ear Cups
- Satin Black Stainless Steel Hardware
- Super Soft Pillow Cushion Headpad
- Dual Ridge Leatherette Ear Seals
- Low profile Volume Control Knob on Ear-cup
- Flexible 270 degree Rotable Mic Boom with Ratchet
- Suits left or right side wear
- Replaceable Electret Microphone
- Passive NR rating -23db
- 70 cm Coil Cord with U-174 Nato Heli Plug
- Coil Cord stretches to 1.5m
- Headset Case included
- 3 Year Manufacturer Warranty

SPECIFICATIONS

Microphone Specification:

Sensitivity Range: -4633dB RL=1.0K Q Vs=2.0V DC 1KHz
Impedance Max: 2.2K2 1kHz (RL=2.2Kff)
Frequency: 20Hz - 20KHz
Current Consumption Max: VS=2.0V RL=2.2Kff MAX:500 QA
Operation Voltage Range: 2.5 - 10V DC
Max Sound Pressure Level: 110dB SPL

Speaker Specification:

Impedance: 300ff +15%@1KHz
Sensitivity: 119dB +10% /1Watt @ 0.5 Meter
Resonance Frequency: (FO) 680Hz +20%
Frequency Response: F-5KHz
Rated Input Power: 1W
Maximum Input Power: 1.5W

Weight: 255g / 355g inc. cord



SPECIFICATIONS

FAH-200



SATIN ABS

KEY FEATURES

- PNR Passive Noise Reduction Headset
- Noise-cancelling Electret Microphone
- Satin Black over-the-head Stainless Steel Band
- Dual Headband adjustment
- Satin Black Stealth ABS Plastic Ear Cups
- Satin Black Stainless Steel Hardware
- Super Soft Pillow Cushion Headpad
- Dual Ridge Leatherette Ear Seals
- Control Module - stereo/mono, left/right volume
- Dual 3.5mm stereo mini jack inputs
- Flexible 270 degree Rotable Mic Boom with Ratchet
- Suits left or right side wear
- Replaceable Electret Microphone
- Passive NR rating -23db
- 1.5m Straight Cord with PJ-055 / PJ-068 GA Dual Plugs
- Headset Case included
- 2 Year Manufacturer Warranty

SPECIFICATIONS

Microphone Specification:

Sensitivity Range: -4633dB RL=1.0K Q Vs=2.0V DC 1KHz
Impedance Max: 2.2K2 1kHz (RL=2.2Kff)
Frequency: 20Hz - 20KHz
Current Consumption Max: VS=2.0V RL=2.2Kff MAX:500 QA
Operation Voltage Range: 2.5 - 10V DC
Max Sound Pressure Level: 110dB SPL

Speaker Specification:

Impedance: 300ff +15%@1KHz
Sensitivity: 119dB +10%/1Watt @ 0.5 Meter
Resonance Frequency: (FO) 680Hz +20%
Frequency Response: F-5KHz
Rated Input Power: 1W
Maximum Input Power: 1.5W

Weight: 255g / 355g inc. cord



SPECIFICATIONS

FAH-900H



SATIN ABS



KEY FEATURES

- PNR Passive Noise Reduction Headset
- Noise-cancelling Electret Microphone
- Satin Black over-the-head Stainless Steel Band
- Dual Headband adjustment
- Satin Black Stealth ABS Plastic Ear Cups
- Satin Black Stainless Steel Hardware
- Super Soft Pillow Cushion Headpad
- Dual Ridge Leatherette Ear Seals
- Low profile Volume Control Knob on Ear-cup
- Flexible 270 degree Rotable Mic Boom with Ratchet
- Suits left or right side wear
- Replaceable Electret Microphone
- Passive NR rating -23db
- 70 cm Coil Cord with U-174 Nato Heli Plug
- Coil Cord stretches to 1.5m
- Headset Case included
- 2 Year Manufacturer Warranty

SPECIFICATIONS

Microphone Specification:

Sensitivity Range: -4633dB RL=1.0K Q Vs=2.0V DC 1KHz
Impedance Max: 2.2K2 1kHz (RL=2.2Kff)
Frequency: 20Hz - 20KHz
Current Consumption Max: VS=2.0V RL=2.2Kff MAX:500 QA
Operation Voltage Range: 2.5 - 10V DC
Max Sound Pressure Level: 110dB SPL

Speaker Specification:

Impedance: 300ff +15%@1KHz
Sensitivity: 119dB +10%/1Watt @ 0.5 Meter
Resonance Frequency: (FO) 680Hz +20%
Frequency Response: F-5KHz
Rated Input Power: 1W
Maximum Input Power: 1.5W

Weight: 255g / 355g inc. cord



SPECIFICATIONS

FAH-200CB



SATIN ABS



KEY FEATURES

- Designed for Children aged 6 to 10 years old
- Extra Small Headband for Perfect Fit
- PNR Passive Noise Reduction Headset
- Noise-cancelling Electret Microphone
- Over-the-head Stainless Steel Band
- Dual Headband adjustment
- Childs Blue ABS Plastic Ear Cups
- Stainless Steel Hardware
- Super Soft Pillow Cushion Headpad
- Dual Ridge Leatherette Ear Seals
- Control Module - stereo/mono, left/right volume
- Dual 3.5mm stereo mini jack inputs
- Flexible 270 degree Rotable Mic Boom with Ratchet
- Suits left or right side wear
- Replaceable Electret Microphone
- Passive NR rating -23db
- 1.5m Straight Cord with PJ-055 / PJ-068 GA Dual Plugs
- Headset Case included
- 2 Year Manufacturer Warranty

SPECIFICATIONS

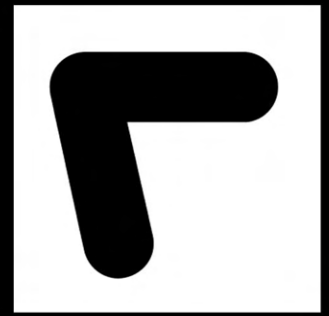
Microphone Specification:

Sensitivity Range: -4633dB RL=1.0K Q Vs=2.0V DC 1KHz
Impedance Max: 2.2K2 1kHz (RL=2.2Kff)
Frequency: 20Hz - 20KHz
Current Consumption Max: VS=2.0V RL=2.2Kff MAX:500 QA
Operation Voltage Range: 2.5 - 10V DC
Max Sound Pressure Level: 110dB SPL

Speaker Specification:

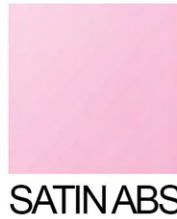
Impedance: 300ff +15%@1KHz
Sensitivity: 119dB +10% /1Watt @ 0.5 Meter
Resonance Frequency: (FO) 680Hz +20%
Frequency Response: F-5KHz
Rated Input Power: 1W
Maximum Input Power: 1.5W

Weight: 255g / 355g inc. cord



SPECIFICATIONS

FAH-200CP



SATIN ABS



KEY FEATURES

- Designed for Children aged 6 to 10 years old
- Extra Small Headband for Perfect Fit
- PNR Passive Noise Reduction Headset
- Noise-cancelling Electret Microphone
- Over-the-head Stainless Steel Band
- Dual Headband adjustment
- Childs Pink ABS Plastic Ear Cups
- Stainless Steel Hardware
- Super Soft Pillow Cushion Headpad
- Dual Ridge Leatherette Ear Seals
- Control Module - stereo/mono, left/right volume
- Dual 3.5mm stereo mini jack inputs
- Flexible 270 degree Rotable Mic Boom with Ratchet
- Suits left or right side wear
- Replaceable Electret Microphone
- Passive NR rating -23db
- 1.5m Straight Cord with PJ-055 / PJ-068 GA Dual Plugs
- Headset Case included
- 2 Year Manufacturer Warranty

SPECIFICATIONS

Microphone Specification:

Sensitivity Range: -4633dB RL=1.0K Q Vs=2.0V DC 1KHz
Impedance Max: 2.2K2 1kHz (RL=2.2Kff)
Frequency: 20Hz - 20KHz
Current Consumption Max: VS=2.0V RL=2.2Kff MAX:500 QA
Operation Voltage Range: 2.5 - 10V DC
Max Sound Pressure Level: 110dB SPL

Speaker Specification:

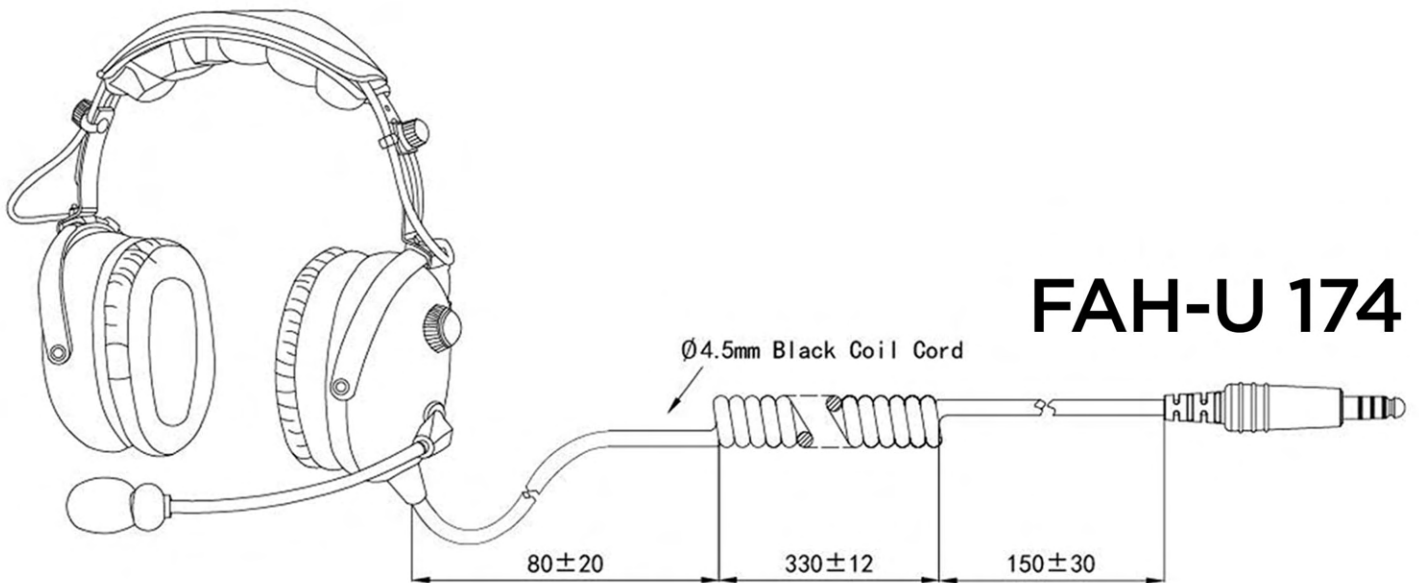
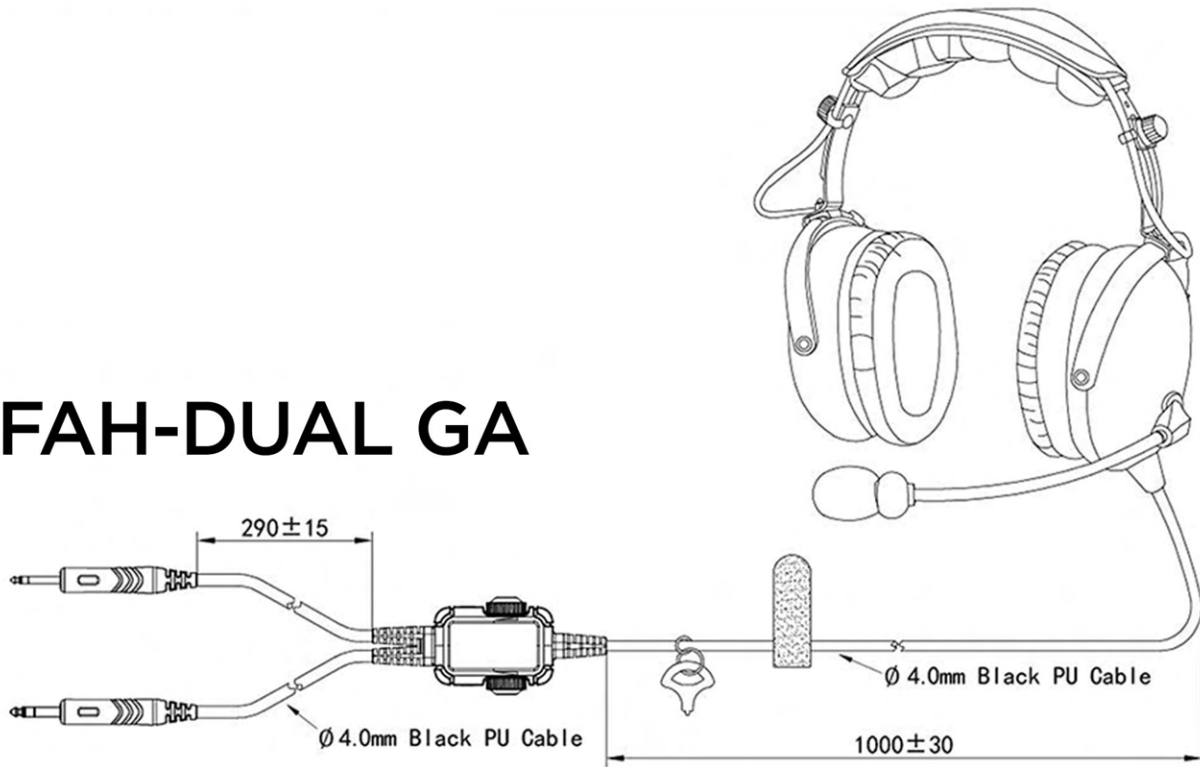
Impedance: 300ff +15%@1KHz
Sensitivity: 119dB +10% /1Watt @ 0.5 Meter
Resonance Frequency: (FO) 680Hz +20%
Frequency Response: F-5KHz
Rated Input Power: 1W
Maximum Input Power: 1.5W

Weight: 255g / 355g inc. cord



DIAGRAMS

FAH-DUAL GA





FAH *Series*
Better by Design



STEALTH
A v i a t i o n

Stealth Aviation
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