



Zulu PFX[®] with Streaming Quiet[™] ANR

We know pilots; Zulu PFX knows ***you***.

The world's quietest aviation headset actively conforms to your ears, your environment, and your preferences to deliver stunning clarity, quiet, and audio quality.

- Streaming Quiet ANR continuously adapts to your environment, extending the amount, consistency, and frequency range of noise cancellation.
- Firmware enhancements are just a download away, giving Zulu PFX unlimited potential to evolve with new innovations.

A headset finely tuned to you

- Acoustic response mapping measures your unique auditory landscape, personalizing the audio response for maximum noise attenuation, voice clarity, and music fidelity.
- Enhanced capabilities in our FlightLink app allow you to configure and save key audio and operational settings to a personal profile.

Engineered for comfort

- At less than 14 ounces, Zulu PFX is the lightest over-the-ear headset we have ever made and features plush ear seals that provide 20% more surface area and 30% more space for your ear inside the ear cup than its closest competitor, creating a better seal and more comfortable distribution of weight and side pressure.



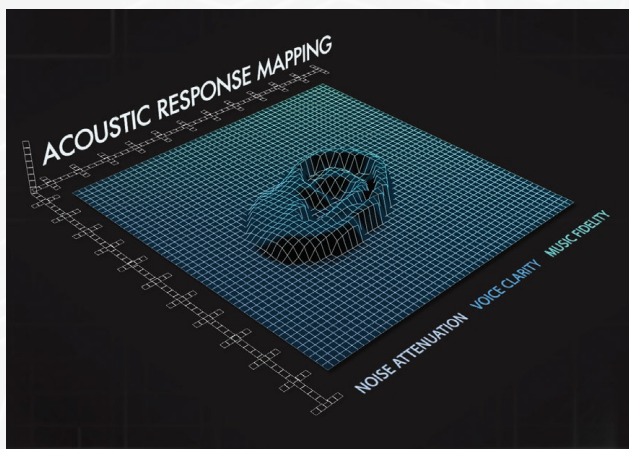
We know pilots. Zulu PFX knows *you*.



Your ears



Zulu PFX adapts to your ears through **acoustic response mapping**. This proprietary technology uses sound waves and advanced signal processing to measure your unique auditory landscape,

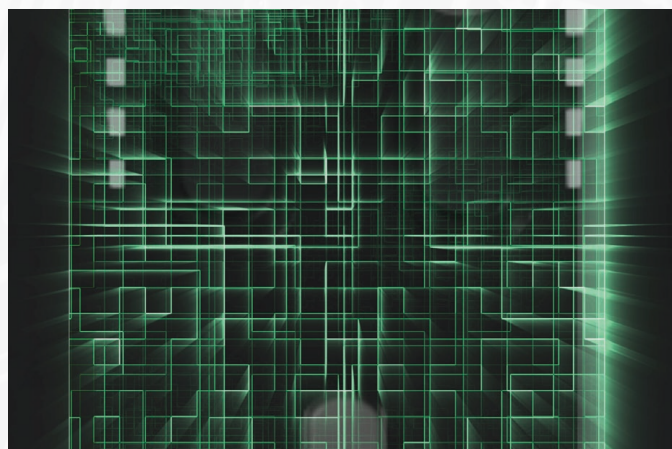


...adapting the audio response to your ear's size and shape for maximum noise attenuation, voice clarity and music fidelity.

Your environment



Streaming Quiet™ ANR allows Zulu PFX to adapt to your environment. Streaming Quiet uses ambient microphones to **continuously** sample cockpit noise before it penetrates the ear cup. An internal microphone placed near the ear canal monitors ANR performance.



The microphones feed information to the CPU, a powerful digital processor that analyzes a stream of both the external ambient noise and internal residual noise at a rate of one million times a second...

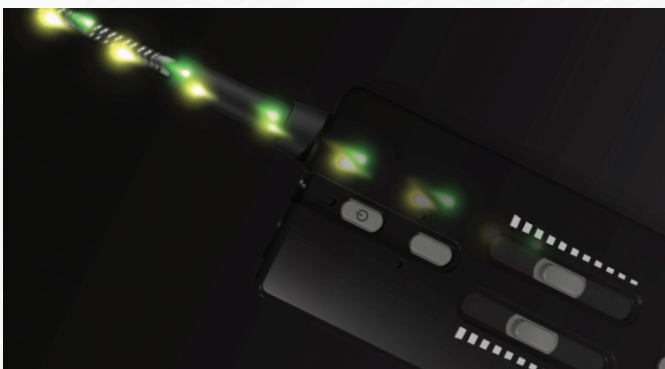


The Zulu PFX CPU

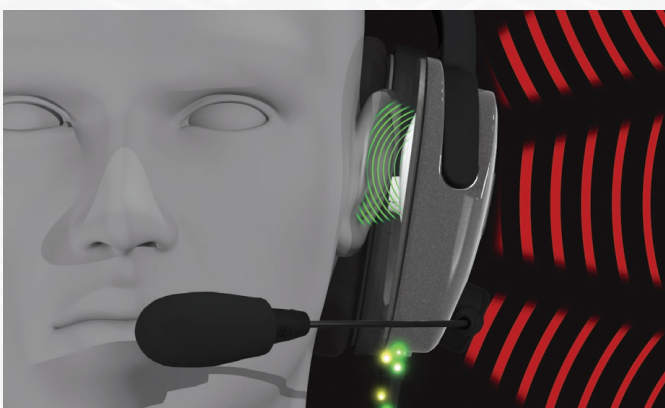
The cabin-friendly CPU provides powerful digital audio processing and convenient access to key controls.

The unique design features make it easy to place anywhere in your cockpit.

Upgradeable firmware means unlimited potential for Zulu PFX to evolve with new software innovations, bringing new features and enhanced performance to current Zulu PFX owners.

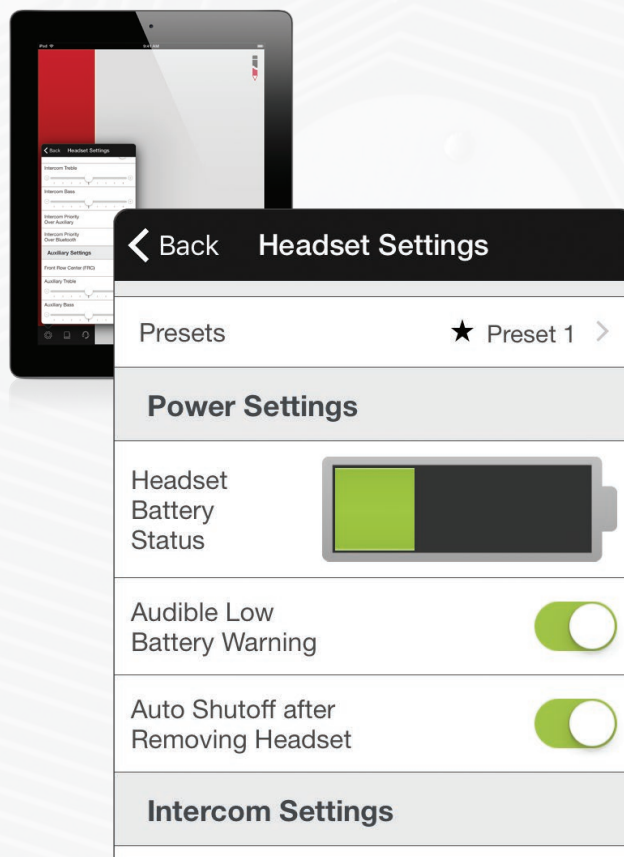


...and instantaneously creates precise ANR responses customized to your dynamic cockpit sound environment.



The result is a dramatic extension in the amount, consistency, and frequency range of noise cancellation—regardless of the aircraft—allowing important communication to come through with amazing clarity and producing music with outstanding fidelity.

Your preferences



Personal preferences can be set using the enhanced capabilities in **FlightLink**, the proprietary app developed by Lightspeed for the Apple iPad® and iPhone®. Bass and treble levels of the intercom and auxiliary inputs can be adjusted independently and separate intercom priority options can now be set for Bluetooth and wired input. Voice Clarity™ improves the clarity of incoming calls from ATC by boosting frequencies common in human speech while reducing those that are not.

Zulu PFX[®] with Streaming Quiet[™] ANR

Zulu PFX also includes the award-winning comfort and advanced features that have made the Zulu family the choice of pilots around the world — made even better.

Enhanced durability — Rugged cables, constructed of silver-coated copper alloy wrapped around a Kevlar[®] core, deliver extraordinary flexibility, strength, and audio quality.

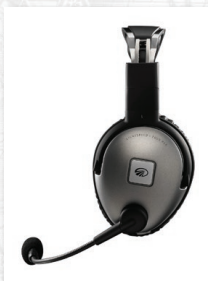
Full Bluetooth[®] Integration — Enjoy excellent call clarity, music fidelity, and wireless access to critical audio alerts from aviation apps on mobile devices.

Music fidelity — The Front Row Center[™] feature combined with advanced digital processing makes the concert-class fidelity even better.

Auto Shutoff[™] — Lightspeed's proprietary Auto Shutoff feature saves battery life by automatically shutting down the headset power when not in use. Zulu PFX users can use FlightLink to enable Auto Shutoff or disable the feature.

Cell phone / music connection — The integrated control box auxiliary input for connecting a cell phone, music player or other audio device now has controls for bass, treble, and intercom priority, thanks to the enhanced FlightLink app.

Included — Custom molded carrying case, cellphone/music patch cord, USB cord, steel CPU clip, cord clip, four AA batteries, foam windscreen.



TECHNICAL SPECIFICATIONS

General

Battery power supply: 3V, four AA batteries
Weight: 13.9 oz. (including ear seals and mic boom)
Panel aircraft 8-40 VDC

Headphone

Transducer: 40mm moving coil
Frequency response: 20 Hz-20 kHz
Nominal impedance @ 1 kHz:
OFF—Mono: 200 ohms, ON—Mono: 280 ohms
OFF—Stereo: 400 ohms, ON—Stereo: 560 ohms

Microphone

Transducer principle: Noise-canceling electret
Frequency response: 200 Hz-6000 Hz
Maximum SPL (Sound Pressure Level): 114 dB
Terminating impedance: 220-2200 ohms
Operating voltage: 8V-16V DC

Bluetooth Enabled Phone

Yes

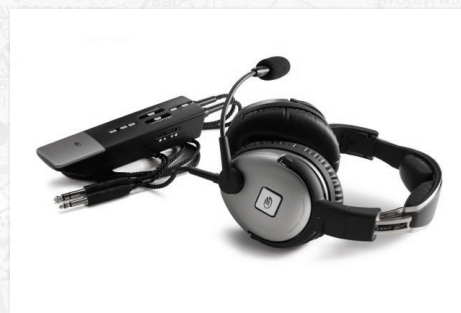
Bluetooth Streaming Music

Yes

Bluetooth Enabled FlightLink

Yes

Firmware upgradeability through PC and iOS platforms



Available configurations:

Dual GA battery power; straight upper cable
LEMO panel power; straight upper cable
U-174 battery power; straight upper cable

30-day money back guarantee — Lightspeed Aviation headsets are designed to be the best available anywhere, for any price. But we know that every cockpit and pilot is different. That's why we offer a 30-day money back guarantee. If you are not completely satisfied with your purchase for any reason, return the product for a full and prompt refund.



The noise canceling of the Zulu PFX is superior, but what I really liked was the improved mic. The company base station commented that the transmissions using the PFX headset were noticeably better than other headsets.

Jim Gruneisen

Flight Instructor and Owner of FlyJim flight training

Lightspeed Aviation
ranked #1 in 2012
Headset Preference Survey
by Professional Pilot



FLYING
2014
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AWARDS



Lightspeed Aviation
6135 Jean Road
Lake Oswego, Oregon 97035
LightspeedAviation.com

sales@lightspeedaviation.com
800.332.2421 toll free
503.968.3113 tel
503.968.7664 fax

