

Frequently Asked Questions

What's the difference between the 20-3G and the 30-3G?

The major difference between the two models is their amount of active cancellation. The 20-3G has a maximum of 24dB of active cancellation. The 30-3G has a maximum of 30dB. One of the differences between these two is the battery life. The 20-3G will operate up to 40 hours. The 30-3G will operate up to 30 hours. Both of these models have a maximum of 18dB of passive noise reduction.

What's the difference between the 15XLc and the 20XLc?

The major difference between the two models is the amount of active cancellation. The 15XLc has a maximum of 18dB of active cancellation. The 20XLc has a maximum of 24dB. The louder the noise, the more noticeable the difference will be. The ear seals are also different. The 15XLc has an ultra-soft seal, while the 20XLc has a more aggressive seal.

What's the difference between the 3G series and the XLc series?

Other than the obvious change in the color scheme, there are a few different features on the 3G that are not on the XLc. The 3G has a more aggressive ear seal and a dual driver system. Another difference is the ear seal. On the 3G we have changed the outer coating to a leather-like material and added a dual driver system. With this system there is a noticeable upgrade in audio fidelity and intelligibility.

What's the difference between the XL, XL2 and XLc?

In the latter part of 1999, we launched the XL series of headsets. With this series we introduced the auto shut-off and a soft mute feature. The soft mute feature was necessary to include a selectable soft mute. This feature will decrease the external audio source's volume by 80%, giving you a more comfortable listening experience.

What kind, how many and how long do the batteries last?

All of our active headsets run on 2-AA batteries. They all have different battery lives. The 15XLc, 20XLc and the 20-3G will last up to 40 hours. The 30-3G will last up to 30 hours.

What happens if my batteries run out in flight?

If you lose power at any time, the headset will continue to perform as a passive headset. Our products utilize independent batteries for each ear. We recommend you add checking your batteries on your preflight checklist. Of course, the 2-AA batteries will last for a long time.

How does the ANR work?

The ANR microphone, located inside the dome, senses noise frequency and amplitude at an instant in time. The Active Noise Reduction (ANR) circuitry then cancels out the noise. For more information on this subject, please refer to our tutorials.

Do all ANR headsets work the same?

In general, they all utilize the same acoustic theory of 180 degrees out-of-phase signal to cancel engine noise. In truth, there are differences in ear seal size and shape and materials in developing a product. Many are constrained by an existing passive design, leading to differences in performance.

With the ANR on can I still hear my engine?

The noises we're canceling with the ANR circuitry are low frequency propeller, exhaust and wind noise that register at about 180-200 Hz. You will still hear the engine at a higher frequency.

Are LightSPEED headsets compatible with other headsets and intercoms used in general aviation?

Mechanically and electronically they are compatible. Our headsets use the standard 2-plug interface and have an electrical interface that is compatible with most intercoms. The signal-to-noise ratio are changed. It makes comparisons difficult. All of that is true about LightSPEED headsets. The sound profile and output level of the mic might be somewhat different from other headsets you have. A LightSPEED headset will give you a more comfortable listening experience.

Where do you get the refurbished headsets?

We obtain our refurbished headsets through our upgrade program. Customers send in their headsets to trade up to our new models. We refurbish them and sell them at a discount.

Do these headsets have all of the updated parts on them?

When the headset comes in, the first thing that we do is update the mechanical parts, including seals and head pad. The headset is then tested and put in a new box and carrying case.

What is the warranty offered on these headsets?

We offer a one-year warranty with a 30-day, money back guarantee.

What is the difference between the reconditioned 20XL and the reconditioned 25XL?

The difference between these two is the amount of noise they cancel. The 20XL has 22-24dB of active cancellation, and the 25XL has 24-26dB of active cancellation.

What was the retail price of the 25XL and 20XL?

The 20XL retailed at \$449. The reconditioned price is \$300.

The 25XL retailed at \$599. The reconditioned price is \$350.