LIGHTSPEED

Zulu 4 User Guide

Welcome

Congratulations on purchasing a Lightspeed Zulu 4 headset. Your headset is the premium ANR aviation headset for pilots who have learned from experience that they want a proven, high-quality headset with above average functionality to get more comfort, clarity and flexibility in their flying experience.

If this is your first Lightspeed Aviation headset, welcome to the Lightspeed family. Together with our customers, we are building a lasting community founded on products and service that are best in class.

For more information on our company and products visit LightspeedAviation.com

Thank you for choosing a Lightspeed Aviation

Contents

Introduction

Your Zulu 4 headset package includes:

- Zulu 4 ANR headset

- Quick Start Guide with warranty information

- Carrying case

- Two AA batteries

- Cord clip

Fitting Your Headset

Fitting your headset properly is the key to comfortable use and superior Active Noise Reduction (ANR) capabilities. To gain peak performance from the ANR feature it is necessary to have a solid seal around your entire ear combined with a symmetrical fit on your head.

The following tips will assist you in achieving the proper fit.

1. Extend the sliders fully.

2. Place the headset on your head and compress the sliders slowly and evenly on each side until the head pad rests softly on the top of your head.

3. Adjust the ear cups to ensure the ears are fully inside the ear seal and there is uniform pressure on your head.

4. Position the microphone ⅛ inch from your mouth; face the side of the microphone with the four screws and Lightspeed logo away from you. (Remove the mic windscreen to see these features.)
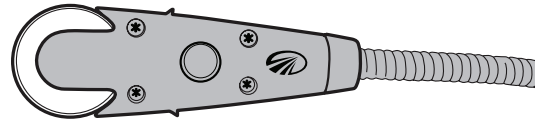
This side of the microphone should face *away* from you.

If you need a tighter fit to ensure a good seal around your ears, please call Customer Service at 800-332-2421 or email support@lightspeedaviation.com for instructions.

Getting Started

Tall head pad

If you feel that your ears are not centered within the ear cups, even after collapsing the sliders completely, a taller head pad might be the solution. This will move the ear cups further up the side of your head and should allow you to center your ears within the cups.

To order a complimentary tall head pad (part number A484), please call Customer Service at 800-332-2421 or email support@lightspeedaviation.com and mention promo code FTHP. You will be asked to provide your headset serial number. See page 21 to locate the serial number.

Battery Installation

The standard Zulu 4 battery–powered headsets require two AA batteries (included). Use alkaline batteries for best performance.

A. Open the controller battery/DIP switch door by either pressing down on the circle icon or by pulling open the door along the notched edges. Insert two AA batteries with the correct polarity positioning.

B. The LED flashes GREEN when charged batteries are in use and the power is on.

C. When batteries begin to run low the power LED flashes RED. If the LED flashes RED during flight the headset will continue to operate for 5–10 more hours. Install new batteries as soon as possible at any indication of low batteries.

Battery Types

Use two AA alkaline or lithium batteries. Lithium batteries may provide improved battery life in colder temperatures. We do not recommend using rechargeable batteries or mixing battery types and brands.

Battery Life

A set of batteries can provide up to 40 hours of power. However, heavy *Bluetooth*® wireless technology usage can significantly reduce battery life. Under quiet conditions Zulu 4 will auto shut off approximately five minutes after the headset is removed from your head.

Using Your Zulu 4 Headset

Controller

A. Power indicator LED: Flashes GREEN when power is supplied to Zulu 4 and batteries are strong. Flashes RED when batteries are low.

B. Power button: Powers on headset, turning on Active Noise Reduction (ANR). Press button once to turn Zulu 4 on; press and hold to turn Zulu 4 off.

   To toggle the LED brightness from bright to dim quickly press the power button twice.

C. Volume control: Controls audio panel volume with individual sliders for each ear. Does not affect the volume of auxiliary devices.
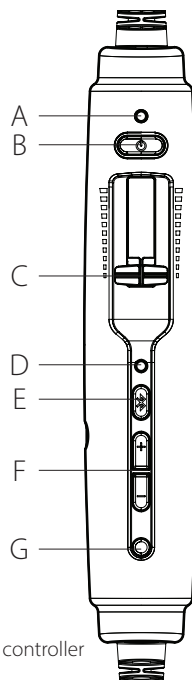
The Zulu 4 controller
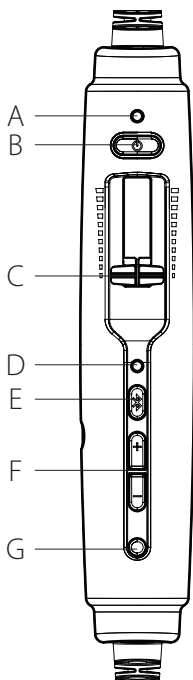
D. Bluetooth mode indicator LED: Flashes BLUE when Bluetooth mode is on and RED when Bluetooth mode is being turned off. In pairing mode, flashes alternating RED and BLUE.

E. Bluetooth power button: Turns on and off the Bluetooth signal and controls deviced connected devices via Bluetooth technology.

F. Bluetooth volume buttons: Controls the volume of devices connected via Bluetooth technology.

G. ComPriority button: When enabled, automatically quiets music and audio from auxiliary devices during radio communications.

Using Your Zulu 4 Headset

Turning ON and OFF

ON: Press the power button once to turn on the headset. The GREEN power LED flashes when power is supplied. Active Noise Reduction (ANR) is engaged when you turn on the headset.

OFF: Press and hold the power button until the GREEN power LED turns off.

Zulu 4 will auto shut off approximately five minutes after removing the headset and under quiet conditions.

The power LED flashes RED when batteries are low; see Battery Installation on page 4.

Matching Stereo/Mono Setting to an Audio Panel

The Stereo/Mono DIP switch setting should match the signal from your audio panel. Zulu 4 is shipped in Mono (the "on" position) so you only need to change the setting if you use a stereo panel. STEREO should be used for a stereo panel and MONO for a mono panel. Incorrect settings result in communications being heard in only one ear or weakly in both. This switch does not affect auxiliary devices, so you can enjoy auxiliary audio in stereo regardless of how the Stereo/Mono DIP switch is set.

Front Row Center™

Front Row Center is a built-in feature that gives you a theater-like experience, enhancing stereo sound reproduction so that audio seems to come from all around you, not just from your right and left.

ComPriority™

ComPriority is turned on or off by the bottom-most controller button. With ComPriority enabled when radio communications are detected, the volume of auxiliary devices will be significantly reduced. ComPriority is enabled by default when you power on your headset. Plug into your intercom and talk into the headset microphone while playing music using a wired device. If ComPriority is enabled, your auxiliary music volume will decrease when you start to talk. During cell phone calls, the other party will be muted, so you should disable ComPriority before making calls.

Mic Gain Adjustment

You can think of microphone gain as a volume control for your microphone, helping balance loud and soft voices in a multi-headset environment. To access the gain adjustment dial, remove the foam windscreen on your microphone and then remove the small cap next to the Lightspeed logo. Turn the dial clockwise to increase gain sensitivity and counterclockwise to decrease gain sensitivity. Move the dial in small increments (think one-hour increments on a clock face) and test it in your aircraft. Replace the cap and foam windscreen when you are satisfied with the adjustment.

Using Your Zulu 4 Headset

Setting DIP Switches

DIP switches are factory set to match most aircraft audio panels. To change a DIP switch setting open the controller battery/DIP switch door. Use a small pointed object such as a wood toothpick to slide the DIP switch to ON or OFF depending on your preference.
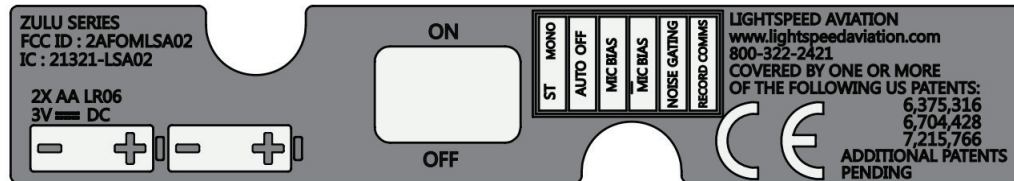
Zulu 4 DIP Switch and Their Recommended Use

DIP switch	OFF position	ON position	Recommendations
STEREO/MONO	Stereo	Mono—Factory setting	Affects audio from the panel only. Set to Stereo only if you are using a stereo panel. If your audio panel produces a mono signal but the switch is set to Stereo, you will hear audio communications in only one ear or weakly in both.
AUTO OFF	Disables Auto Off	Enables Auto Off / Factory setting	Recommend leaving this on setting on so that the headset automatically turns off when the headset is not in use.
CELL MIC BIAS— two switches that must both be in the same position	Cell mic bias off— Factory setting for helicopter and panel-powered headsets	Cell mic bias on— Factory setting for battery-powered airplane headset	Lets you make phone calls with the headset when it is not plugged into a cockpit audio panel. Available for battery-powered headsets only. Note to helicopter pilots: The ON setting for these switches is incompatible with some helicopter audio panels. If you plan to use this feature and keep the switches set to ON, test the headset in the cockpit before takeoff.
NOISE GATING	Factory setting		Usually left OFF; only used in quiet environments. Test before using to avoid missed communications from softer radio signals.
RECORD COMM	Factory setting	Enables recording	For recording to work properly, it must be in the ON position. This will also affect cell phone usage — when in the ON position, the recipient of a cell phone call will hear all sounds on the intercom. To avoid this, unplug your headset from the panel during phone calls.

Using Bluetooth® Wireless Technology

Connecting to Mobile Devices for the First Time

The Bluetooth interface allows cell phone and stereo music streaming capability. Before using a mobile device for the first time with Zulu 4, it must be "paired" or electronically connected via Bluetooth wireless technology.

To pair a mobile phone or device with Zulu 4: Turn on Bluetooth

- Press & Hold Bluetooth button on the Zulu 4 Controller for >1 second

- After turning on Bluetooth, the headset will immediately enter pairing mode

- If there are previously connected device(s) the headset will attempt to connect to those

- Once your headset successfully connects to the device(s) it will exit pairing mode

Enable Pairing Mode (available when Bluetooth is already on) / Adding Another Device

- Press & Hold Bluetooth button for 2–5 seconds

- Pairing mode is indicated when you see alternating flashing Red/Blue LEDs. An audio cue ("Pairing Mode Enabled") will also indicate pairing mode.

- Navigate to your device's Bluetooth menu to connect the Zulu 4_##### headset.

- Repeat this step to connect your second device

Note: If you already have multiple devices paired, the least recently used device you connected will drop off when attempting to pair a third device. Only one secondary audio source can be heard at a time, and the secondary audio will never override the intercom.

Bluetooth Button Functions – Quick Guide

Pressing the Bluetooth Button

- Once—Pause and play audio + answer or end call

- Twice quickly—Skips to the next audio track

- 3 Times quickly—Goes back to the previous audio track

Press & Hold

- 1 second—Turns on Bluetooth

- 2–5 seconds—(if Bluetooth is already on) enables Bluetooth pairing

- 5 seconds or more—Turns off Bluetooth

Single Press + Hold

- Press once quickly then press & hold for 0.5–1.5 seconds to activate the voice assistant (available when Bluetooth is paired)

Switch between connected devices

With 2 devices connected both can play audio simultaneously, but only the first one to do so will transmit through the headset, the other will be blocked until the first is paused at which point it will quickly transition to outputting the second one automatically.

In order to toggle audio from one paired device to the other, you must first pause the audio on your first device. Then you can play the audio on your second device by selecting the play button.

Using Bluetooth® Wireless Technology

Clearing the headset pairing list

If you want to clear the headset pairing list, press and hold the Bluetooth button, volume up and volume down buttons simultaneously for 8 seconds, the Bluetooth LED will blink 3 times along with 3 audible beeps.

Note: If a device still has the headset in its list, it will need to be deleted from the device before it can be re-added.

Making Phone Calls via Bluetooth

To make a Bluetooth call when your Zulu 4 headset is unplugged from the intercom, set the DIP Switch 3 & 4 to the ON position (refer to page 10 for DIP switches).

To place a call, dial from your connected phone.
Note: The call automatically transfers to the headset.

To answer a call, press the Bluetooth button on the controller.

Note 1: If you accept the call via the mobile device instead of pressing the Bluetooth button on the control module then Bluetooth assumes you prefer the call via the mobile device. To modify this behavior, you can Adjust the iPhone Audio Routing on your iPhone.

Go to Settings > Accessibility > Touch > Call Audio Routing and verify it is set to Bluetooth Headset. Failure to perform this function may result in loss of ringtone and/or ability to hear the caller.

Note 2: The ringtone initially has low volume but ramps up louder. You can increase ringtone volume at any time using the controller's Bluetooth volume buttons.

To end a call, press the Bluetooth button.

**Activate Voice Assistant
(available when Bluetooth is paired)**

• To activate Voice Assistant, single press the Bluetooth button and then Press & Hold the Bluetooth button again for one second.

• If there is playable music/audio/phone call then it will continue following the standard Pause/Play/Answer/End Call functionality below:

 1. Press once: Play/Pause/Answer/End Call

 2. Press twice quickly: Skip to next track

 3. Press three times quickly: Skip to previous track

**Turn off Bluetooth
(available when Bluetooth is already on)**

• Press & Hold the Bluetooth button for longer than 5 seconds

• The device will exit pairing mode and blue and red LEDs will no longer flash

Lightspeed Aviation App

The Lightspeed Aviation App allows for in flight cockpit recording directly to your iPad® and iPhone®. The free app works seamlessly with Zulu 4 headsets to capture and retrieve all incoming and outgoing communications.

Features

- Record all activity over the intercom, as well as in-cabin conversation.
- Playback the prior 2 minutes.
- Store your recording library.
- Draw notes, codes, or diagrams on the convenient iPad scratchpad for reference.

How to Activate

- Download the Lightspeed Aviation App from the App Store.

- Move the far right DIP switch (#6) to the ON position. When the Record Comms DIP switch is in the ON position, the recipient of a phone call will hear all sounds on the intercom. To avoid this, unplug your headset from the panel during phone calls.

- Tap the icon to begin using the app.

Toggling Between Apps

Press your device's Home button and select another app. Your recording will continue uninterrupted as you switch between different applications.

NOTE: If you simultaneously use an app that provides audio, you will need to run it on a second device to prevent interruption of Record Comms recording.

Peak Performance Tips

- Start with an excellent fit—see "Fitting your headset," on page 3.

- Set the Zulu 4 Stereo/Mono DIP switch to match the signal from your audio panel (see "Matching Stereo/Mono Setting to an Audio Panel" on page 8).

- Keep cell phones at least 12 inches from the Zulu 4 controller and headset when making calls to reduce static noise during phone calls.

- To conserve battery life, turn off Bluetooth mode when not in use.

- To ensure peak ANR performance and comfort, replace the ear seals, head pads, and mic muffs every 18 months. These are wear items that are not covered by the Lightspeed warranty and are available for purchase on our website at LightspeedAviation.com/Accessories.

- We encourage you to register your headset at our website, LightspeedAviation.com. In the event your headset may require service, registration helps assure quick and efficient processing (see "Where is my product serial number" on page 21).

- When packing your headset into its case, close the sliders and place the mic over the headband to avoid chafing the boom.
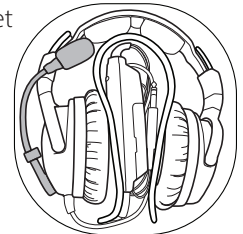
FAQs

Is Zulu 4 available in an aircraft-powered version to eliminate the need for AA batteries?

Yes. The Zulu 4 is available in an aircraft powered configuration. It uses the industry standard LEMO plug (6 pin). This plug is standard on all Cirrus and Cessna 350 and 400 series aircraft. The Zulu 4 also offers flex power so you can power your headset if you use it with a Dual GA plug adapter.

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

The Zulu 4 battery-powered headsets require two AA batteries. Use alkaline batteries for best performance, although lithium batteries may provide improved battery life in colder temperatures. We do not recommend using rechargeable batteries or mixing battery types and brands. A set of batteries provide an average of 40 hours of power. However, Bluetooth usage will impact battery life.

What happens if my batteries run out in flight?

If you lose power at any time, Zulu 4 will continue to perform as a passive headset. When batteries begin to run low, the power LED flashes red, and the headset will continue to operate. Install new batteries as soon as possible at any indication of low batteries. We recommend you add checking your headset batteries on your preflight checklist.

Why do I hear radio communications in only one ear?

Zulu 4's Stereo/Mono DIP switch is probably set to Stereo while your audio panel is transmitting a mono signal. To fix this, change Zulu 4's Stereo Mono

DIP switch to Mono. This setting does not affect music or audio from auxiliary devices; you can hear stereo sound on auxiliary devices even when the Stereo/Mono DIP switch is set to Mono.

What is mic gain and how do I adjust it?

You can think of microphone gain as a volume control for your microphone. Soft voices might benefit from an increase in gain in order to improve audibility and, in some cases, to break squelch; louder voices may need little to no gain increase. Equipping each headset with its own gain adjustment helps balance loud and soft voices in a multi-headset environment.

To adjust mic gain, remove the foam windscreen on your microphone and then remove the small cap next to the Lightspeed logo on our microphone to reveal the adjustment dial. Turning the adjustment dial clockwise will increase gain and turning it counterclockwise will decrease gain. A little adjustment goes a long way, so move the dial in small increments (think one-hour increments on a clock face) and test it in your aircraft. When you are satisfied with the adjustment, replace the cap and foam windscreen.

FAQs

How do I connect my Zulu 4 headset with my Bluetooth device?

- Power on the headset (Bluetooth is off by default to conserve battery)

- Press and hold the Bluetooth button for >1 second. After turning on Bluetooth the headset will immediately enter pairing mode.

- Once Bluetooth is on you will see a solid blue light

- If you have connected a device previously, you can connect that device via Bluetooth

- If you haven't connected that device previously: Press and hold the Bluetooth button for 2 seconds to initiate pairing mode

- You will see the device flash red and blue

- Navigate to your devices Bluetooth menu to connect the "Zulu 4_#####" headset

- Once your device is connected you will here an audio cue and the Bluetooth light will blink blue

How can I reduce static noise during cell phone calls?

To reduce RF interference during phone calls, keep cell phones at least 12 inches from the Zulu 4 controller and headset when making calls.

When flying, what causes a thumping or warbling noise in the ear cup?

To gain peak performance from the ANR feature designed into your Lightspeed headset, it is necessary to have a solid seal around your ears.

Without a tight seal, air can seep in and cause the ANR to compensate for uneven internal cup pressure, often resulting in a warbling noise.

If you are experiencing this issue, please contact customer service so that we may assist you in identifying and correcting the problem. Customer service may be reached at: 1-800-332-2421 or support@lightspeedaviation.com.

Where is the serial number located?

The Zulu 4 serial number (a small, white, bar-code sticker with numbers) can be found on the headset underneath the head pad. The head pad, located on the inner radius of the headband, must be removed to reveal the serial number. Simply pinch the cushioned part of the head pad, pull down and it will snap out.

Specifications

Zulu 4 Configurations

Model	Power Source	Cord	Connector
Zulu 4 (PN40614)	Two AA batteries	Straight	Dual general aviation connectors with .250-inch commercial stereo headphone plug and .206-inch MIL-SPEC microphone plug
Zulu 4:P (PN40615)	Audio Panel or Two AA batteries	Straight	LEMO
Zulu 4:H (PN40619)	Two AA batteries	Straight	U-174

General

Battery power supply: 3V, two AA batteries
Weight: 14.6 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

ANR

Maximum SPL: Greater than 125 dB at 100 Hz

Microphone

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

Compliance Statements & Warnings

FCC Statement:

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
(2) This device must accept any interference received, including interference that may cause undesired operation.

WARNING:
Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE:
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.
• 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.

RF WARNING STATEMENT:
The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

Industry Canada Statement:
(EN) This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:

(1) This device may not cause interference, and
(2) This device must accept any interference, including interference that may cause undesired operation of the device."

(FR) Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

(1) l'appareil nedoit pas produire de brouillage, et
(2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement."

EU Decleration of Conformity:
Lightspeed Aviation hereby declares that the radio equipment type 800-00029-001/800-00029-002/800-00029-003 are in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: https://single-market-economy.ec.europa.eu/sectors/electrical-and-electronic-engineering-industrieseei/radio-equipment-directive-red_en

Exposure Assessment Warning:

Portable device (EN 62479 use distance less than 20cm, power less than 13dBm):

RF exposure information: The EIRP power of the device at maximal case is below the exempt condition, 20mW specified in EN62479: 2010. RF exposure assessment has been performed to prove that this unit will not generate the harmful EM emission above the reference level as specified in EC Council Recommendation (1999/519/EC).

Warranty Information

7-Year Limited Warranty for New Aviation Headsets Sold by Lightspeed Aviation, Inc.

Lightspeed Aviation, Inc. ("LSA") warrants that the new aviation headset sold by LSA ("New Headset") is free from all material defects in workmanship and materials. For the New Headset, all warranties provided by LSA and all implied warranties imposed by law are limited to a 7-year period, beginning on the purchase date shown on the New Headset's sales receipt ("Warranty Period"). This 7-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 LSA's approval. This Limited Warranty specifically excludes all taxes, shipping costs, and problems relating to any: (1) repair, alteration, or modification not approved by LSA; (2) abuse or failure to properly maintain the New Headset; (3) faulty workmanship by any person, except LSA 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 LSA 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. LSA or its agent may investigate any Claim. For each Claim, LSA may, in its sole discretion, choose any of the following exclusive remedies: (I) repair or replace the New Headset or any part thereof, without charge to Purchaser, but first Purchaser must return the New Headset to LSA'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 LSA's completion notice sent to Purchaser, or else LSA will deem the New Headset abandoned, in which case LSA may keep, sell, or otherwise discard it; or (II) refund the New Headset's purchase price to Purchaser. Without paying any amount to Purchaser, LSA may keep, sell, or otherwise discard all replaced New Headsets and parts thereof and all New Headsets where LSA has refunded the purchase price to Purchaser. In repairing or replacing any New Headset, LSA may, in its sole discretion, use new, used, or reconditioned parts or provide a refurbished used headset as a replacement. In connection therewith, LSA 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. LSA 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, LSA 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. LSA 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 LSA'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 LSA WITH RESPECT TO ANY NEW OR USED HEADSET OR PART THEREOF. NOTWITHSTANDING ANY PROVISION TO THE CONTRARY IN THIS LIMITED WARRANTY, LSA 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 LSA'S WEBSITE OR OTHERWISE.

TO THE EXTENT ALLOWED BY LAW: LSA DISCLAIMS AND PROVIDES THIS LIMITED WARRANTY IN LIEU OF ALL OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. LSA IS NOT LIABLE FOR CONSEQUENTIAL, INCIDENTAL, PUNITIVE, INDIRECT, SPECIAL, LOST PROFITS, OR SIMILAR DAMAGES CLAIMED UNDER ANY STATUTE OR LEGAL OR EQUITABLE THEORY. LSA'S TOTAL LIABILITY FOR ALL CONTRACT, TORT (INCLUDING NEGLIGENCE), STATUTORY, OR OTHER CLAIMS ARISING FROM OR RELATING TO THIS LIMITED WARRANTY OR ANY HEADSET OR PART THEREOF IS LIMITED TO $1,000. SOME STATES DO NOT ALLOW THE LIMITATION OF CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS MIGHT NOT APPLY TO PURCHASER. THIS LIMITED WARRANTY GIVES PURCHASER SPECIFIC LEGAL RIGHTS, AND PURCHASER MIGHT HAVE OTHER RIGHTS THAT VARY FROM STATE TO STATE.

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 LSA 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.

Product Registration

Please register at LightspeedAviation.com to optimize your customer experience.

Cert: 0046503
Lightspeed Aviation, Inc.'s Management
System is Registered to ISO 9001:2015

ISO 9001
QMI-SAI Global

Bluetooth®

Made for
iPhone | iPad

Per FCC 15.19(a)(3) and (a)(4) 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 (2) this device must accept any interference received, including interference that may cause undesired operation.

Caution: Per FCC 15.21, any changes or modifications to this system not expressly approved by Lightspeed Aviation could void the user's authority to operate the equipment.

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Lightspeed Aviation
6135 Jean Road
Lake Oswego, Oregon 97035

support@lightspeedaviation.com

800.332.2421 Toll Free
503.968.3113 Tel
503.968.7664 Fax

LIGHTSPEED®