

Lightspeed ANR Helmet Installation Quick Start Guide



For service, contact the authorized Lightspeed ANR installer shown below:

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*

Lightspeed ANR Quick Start Guide

Your new flight helmet is equipped with genuine Lightspeed ANR for superior noise cancelation, audio clarity, and music fidelity.

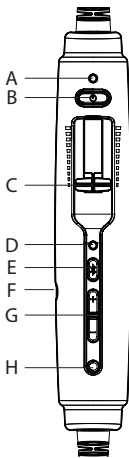
Lightspeed accessories included with your helmet:

- 2 AA alkaline batteries
- Auxiliary audio cable
- iPhone cable
- Cable clip

Take a moment to familiarize yourself with the controller:

- A. Power indicator LED
- B. Power button
- C. Left and right radio / intercom volume control
- D. Bluetooth® indicator LED
- E. Bluetooth power button
- F. Auxiliary input jack
- G. Bluetooth volume buttons
- H. ComPriority*

**When enabled, lowers the volume of auxiliary audio by 80% during radio or intercom communication. Disable before making phone calls.*



- The power LED will flash green when charged batteries are in use. Fresh batteries will deliver about 40 hours of use. (Bluetooth use will decrease this.)
- If the power LED starts flashing red, the ANR features will continue to operate for about 10 hours (loss of battery power will not affect communication). Replace the batteries as soon as possible.
- To conserve batteries, Auto Shutoff™ will automatically shut off the ANR features five minutes after removing the helmet from your head.

Connecting Bluetooth for the first time

- Turn on the controller by pressing the silver power button until the light blinks green.
- Turn on Bluetooth pairing by holding the Bluetooth button until it flashes alternating RED and BLUE (for 10-12 seconds).
- Prompt your phone to search for devices and select Lightspeed-V### (numbers may vary).
- If asked to enter a password or PIN, enter 0000.

Bluetooth features

- Press the Bluetooth button once for voice dialing (if supported by your phone).
- Press the Bluetooth button once to answer the phone when it rings.
- Press the Bluetooth button once to disconnect from a call.
- Press and hold the Bluetooth button for two seconds to redial the last number called.
- Use the Bluetooth volume buttons to adjust the volume.

Battery installation

- Open the controller battery door by pressing down on the circle icon and sliding door backwards.
- Insert two lithium or alkaline AA batteries (we do not recommend rechargeable batteries or mixing battery types).

DIP switch settings

The DIP switches are factory set to match most helicopter audio panels. To change a DIP switch setting, open the battery compartment door, remove the batteries, and use a pointed object to slide the DIP switch to the appropriate setting.

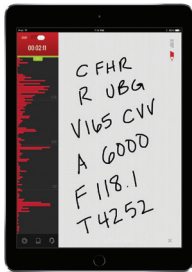
DIP Switch	Purpose	Factory setting
Stereo / Mono	Affects audio from the panel only and should be set to Mono in most cases. Set to Stereo only if you are using a stereo panel.	ST (stereo)
Leave off	Test mode for factory use only.	Off
Cell mic bias (2 switches)	When set to ON, allows phone calls with a battery-powered controller when it is not plugged into the audio panel. IMPORTANT: The ON setting for these switches is incompatible with some helicopter audio panels. Test this feature in the cockpit before takeoff.	Off
Noise gating	When set to ON, eliminates a low level threshold of sound (e.g., noisy intercoms). Test before using to avoid missed communications from softer radio signals.	Off
FlightLink	When set to ON, enables use of the FlightLink app. IMPORTANT: When in the ON position, the recipient of a cell phone call will hear intercom communication. To avoid this, unplug your controller from the panel during phone calls.	Off

FlightLink

FlightLink is the first in-flight cockpit recording application for the Apple® iPad® and iPhone®. The free app works seamlessly to capture and retrieve all incoming and outgoing communications.

Activating FlightLink:

- Download the FlightLink app from the App Store.
- Move the far right DIP switch (#6) to the ON position.
- Tap the icon on your iPad or iPhone 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.

Visit www.LightspeedAviation.com/FlightLink for complete details.

Specifications

General

- Battery power supply: 3V, two AA batteries
- Weight of components: 8.7 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

3-year limited warranty

Contact your installer for support.