

Tango[®]

Wireless ANR Headset

Break free of cables and experience
true freedom of flight





The first premium aviation headset without the cable, Tango blends outstanding noise cancellation, renowned Lightspeed comfort, and wireless convenience.



The Tango headset

The Tango headset offers luxurious comfort while delivering the excellent noise cancellation you expect from Lightspeed. Key controls — including volume and ComPriority™ — are located on the headset, not a control box, for even greater freedom.

Lightspeed Link™ technology

At the heart of Tango is Lightspeed Link. Developed by Lightspeed engineers to ensure the reliable communication pilots demand, Lightspeed Link is not Bluetooth or WiFi, but incorporates existing technologies chosen for both signal reliability and audio quality for the aviation environment. The Lightspeed Link connection is so robust, as many as six Tango headsets can be operated in the same aircraft, letting

everyone onboard experience the true freedom of wireless flight.

Panel Interface

The panel interface is the vital hub of the Lightspeed Link system, routing communication between the headset, the intercom, and auxiliary devices. Wrapped in an attractive and durable case, it houses the lower cable, which is adjustable to 31 inches.

Weighing just 7 ounces and with multiple mounting points, no upper cables, and critical controls located on the headset, the panel interface can be mounted conveniently and securely in any aircraft.

21st century power

In yet another Lightspeed first, Tango is the first aviation headset powered by rechargeable lithium ion batteries, a

power source trusted in countless critical applications.

Lightspeed's rechargeable lithium ion batteries deliver twelve hours of continuous operation while offering earth and wallet friendly reusability in a compact size.

The Tango dual-port wall charger can quickly charge both the headset and panel interface batteries at the same time, providing 75% charge in less than an hour and a full charge in two hours. The batteries can also be charged while the headset is in use or easily replaced on the go.

The battery for the headset and panel interface are interchangeable and spare batteries can be purchased separately.

Built-in redundancy

The panel interface also stores the backup cable, instantly available for uninterrupted communication, in the event the batteries become depleted.



With no cables to get in the way and critical controls located on the headset, Tango creates an entirely new level of flying enjoyment and untethered freedom.

Outstanding quiet — Tango delivers the advanced noise cancellation you expect from Lightspeed.

Remarkable comfort — Tango features plush ear seals with large openings and nearly 10 square inches of surface area for a better seal and greater distribution of weight and side pressure.

FlightLink compatible — Capture and retrieve incoming and outgoing communications with Lightspeed's free FlightLink recording app for the Apple® iPad® and iPhone® via the supplied patch cable.

Choice of auxiliary inputs — Enjoy excellent call clarity, music fidelity, and access to critical alerts from aviation apps on mobile devices using either the supplied patch cable or Bluetooth.

ComPriority™ — Never miss important radio communications with patented ComPriority, which lowers the volume of any auxiliary device automatically during radio or intercom transmissions.

Auto Shutoff™ — Lightspeed's proprietary Auto Shutoff feature saves battery life by automatically shutting down the headset and panel interface power when not in use.

Reversible microphone — A unique design allows microphone placement on the left or the right.

Accessory batteries and charger — Fresh batteries are always on hand with Tango's accessory battery and single-battery accessory wall charger.

Available Configurations — Dual GA battery power (rechargeable lithium ion); LEMO panel power*; U-174 (heli) battery power (rechargeable lithium ion).

Included — Custom molded carrying case, music patch cord, cord clip, two lithium ion batteries (only one included with LEMO panel power headsets), two charging cables, dual-port wall charger.

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.

**Panel power is only provided to the panel interface. The headset still requires a rechargeable lithium ion battery (included).*

“

You guys nailed it in terms of its performance. The wireless link was perfect, indistinguishable from my Zulu.2. Comfort was great, especially the freedom from cables — however, it took me a while to notice that they weren't there!

Pat H.
ATP, MEL

Excellent, best of any headset I've used. It's amazing!

Mike Kincaid
Commercial, SES, CFII





Technical Specifications

General

Battery power supply: 3.7V rechargeable lithium ion battery

Headset Weight: 18 oz. (including battery, ear seals and mic boom)

Headphone

Transducer: 40mm moving coil

Frequency response: 20 Hz-20 kHz

Nominal impedance when wired with backup cable at 1 kHz: Mono: 180 ohms, Stereo: 250 ohms

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

ANR

Maximum SPL: Greater than 120 dB at 100 Hz

Bluetooth Enabled Phone

Yes

Bluetooth Audio (A2DP)

Yes

Lightspeed Aviation
6135 Jean Road
Lake Oswego, Oregon 97035

sales@lightspeedaviation.com
800-332-2421 toll free
503-968-3113 tel
503-968-7664 fax

© 2019 Lightspeed Aviation, Inc. All rights reserved. Tango, Lightspeed Link, ComPriority, and Auto Shutoff are trademarks of Lightspeed Aviation, Inc. Tango and Lightspeed are registered trademarks of Lightspeed Aviation, Inc. iPad and iPhone are trademarks of Apple Inc., registered in the U.S. and other countries. Bluetooth is a registered trademark of the Bluetooth SIG. Specifications are subject to change without notice. 1/17