



PRODUCT POSITION

The Bose ProFlight Aviation Headset is the industry's smallest, quietest and most comfortable active noise cancelling communication headset. With an on-head weight of 4.9 ounces, the new Bose ProFlight Aviation Headset is designed for long term comfort and is our most innovative headset yet. Engineered for pilots of moderately noisy pressurized turbine powered aircraft, it incorporates more than 30 U.S. utility and design patents. The ProFlight Aviation Headset features three levels of user selectable active noise cancellation, active equalization to improve intelligibility of incoming transmissions, a noise cancelling microphone for clearer outgoing transmissions, talk-through tap control for communication with those outside the intercom and full function *Bluetooth*® connectivity with smartphones, tablets or EFBs. The ProFlight Headset is FAA TSO and EASA E/TSO-C139a certified, meets all applicable ARINC standards and is available with four different plug configurations.

The introduction of the ProFlight Headset with active noise cancellation represents the first time Bose will have multiple aviation headsets on the market.

The ProFlight Headset is ideal where noise is pervasive, comfort is required and communication is critical.

TARGET CUSTOMERS

Primary customers: Pilots of pressurized jet/turbine aircraft that are often crewed and operate in relatively low to moderate aircraft noise.

Secondary customers: All pilots and passengers who communicate via an aviation intercom system who place a high value on comfort.

KEY CUSTOMER BENEFITS

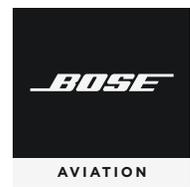
- **Improved comfort for hours of use, achieved through choice of materials**, distribution of weight, low clamping force and dedicated left and right earbuds – all without sacrificing stability.
- **Incredibly small and lightweight** (4.9 oz / 139 g on-head).
- **Electret noise cancelling microphone** for clear transmissions.
- **Audio optimized with active equalization for enhanced communications** with or without an intercom or hot mic system.
- **Three unique levels of user selectable acoustic noise cancelling** providing users with a range of noise reduction to meet their needs in multiple scenarios.
- **Tap control** for talk-through communication.
- **Bluetooth capable for wireless audio connections** to EFBs and mobile phones, with audio prioritization to mix or mute wireless audio with intercom transmissions.
- **Bypass communications mode** provides primary ICS audio with or without power to the headset.
- **Built to latest ARINC standards and FAA TSO and EASA E/TSO-C139a certified.**
- **Available with twin plug**, 5 pin XLR, 7 pin XLR or 6 pin LEMO plug configurations.
- **Auto-off:** All configurations of the ProFlight Headset feature auto-off technology which powers down the headset when not in use and saves battery life.
- **Side-swappable** boom microphone and down cable, no tool required.
- **Durable and robust design** made to endure the wear and tear of everyday use in tough environments.
- **Three-year limited warranty** with acclaimed service.
- **Auto-on:** Certain configurations of the ProFlight Headset will turn on automatically when the avionics master switch is in the on position, using the ship's power to operate.



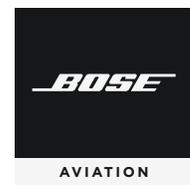
Features	Functions	Benefits
<p>Acoustic Noise Cancelling® (ANC) Mode Switch</p>	<p>Sets ANC levels and changes the spectrum of noise that the user hears for three different optimized experiences.</p> <p>Use the low setting for improved interpersonal communication outside of the intercom.</p> <p>Use medium setting for typical jet aircraft, providing sufficient cancellation for clear and comfortable radio communication – the ProFlight meets the latest ARINC recommendation for noise reduction in jet aircraft.</p> <p>Use the high setting for the best signal-to-noise ratio. This setting is ideal for louder aircraft where more noise cancellation performance provides an even better experience.</p>	<p>Bose ANC technology lessens background distractions. It reduces low-frequency noise and allows users to hear communications audio at lower, more comfortable levels. Three unique settings adjust the audio spectrum and noise levels to match the user’s preference.</p>
<p>Active equalization</p>	<p>Electronic circuitry shapes and equalizes incoming audio signals when headset is turned on.</p>	<p>Clean, optimized sound quality that enhances intelligibility of intercom audio and clarity while still sounding natural.</p>
<p>Easily replaceable left and right eartips</p>	<p>Three sizes of eartips, specifically designed for left or right ears, easily snap on and off to provide optimal comfort, performance and convenience.</p>	<p>Provides a more stable and comfortable fit. Also provides an easy, hygienic way to share headsets.</p>
<p>Electret microphone</p>	<p>Provides clear communication and reduces background noise. Designed for pressurized jet aircraft with either “hot mic” or PTT systems.</p>	<p>Reduces background noise to improve communications and intelligibility.</p>
<p>LED power and battery life indicators</p>	<p>Indicates when the ANC is turned on and the remaining hours of battery life (green: healthy batteries; amber slow flash: approximately 8 hours remain; red quick flash: less than 2 hours remain).</p>	<p>Provides users with a real-time battery life indication, taking the guesswork out of when to replace batteries.</p> <p>On a fresh set of alkaline batteries, users can expect no less than 25 hours of continuous use with Bluetooth on, and at least 45 hours with Bluetooth turned off.</p>
<p>Control module</p>	<p>Design houses two AA alkaline batteries, battery-status LED indicators, power switch and power management circuitry.</p>	<p>The module fits comfortably in user’s hand and can be easily stored in a pocket or hung via the included lanyard or cable clips.</p>



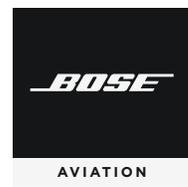
Features	Functions	Benefits
Limited three-year warranty	Limited warranty coverage worldwide for parts, labor and second-day return shipping expenses for malfunction not caused by user abuse.	Customers have peace of mind and confidence in their investment in the product and with Bose Corporation.
Digital active noise reduction	Fully digital active noise reduction control loop.	Allows for a smaller form factor as well as the ability to easily change and tune performance with the ANC mode switch.
Carrying case	Designed to fit the headset and conveniently store all headset accessories. Keeps headset secure and safe.	Provides a convenient way to carry and protect the headset, control module and cables. Fits comfortably wherever a 3" Jeppesen® chart binder would fit.
L/R headband markings	Identifies the left and right earbuds for proper placement on the head.	Quick and easy identification of the left and right earbuds ¹ .
Side-swappable down cable	Allows users to easily switch boom microphone and down cable from left to right side, no tools required.	Puts the boom microphone and down cable out of the way to improve comfort and cockpit ergonomics.
Cable clips and control module lanyard	Secures cable and control module in easily accessible, out-of-the-way locations.	Improves ergonomics by keeping the cable out of the way and the control module easily accessible.
Side pad cushions	Replaceable cushions provide a comfortable fit, while the robust design allows for durability. Side pads are contoured to the user's head and attached via a hook and loop on a rotating mount.	Improved comfort and stability.
Replaceable headband pad	Replaceable headband pad provides easy swapping, whether for hygiene reasons or replacement after long-term wear.	No tools required, easily replaced for comfort and hygiene.



Features	Functions	Benefits
Adjustable headband	Headband designs offer a wide range of adjustment to fit even the upper percentiles of head sizes.	Provides comfortable settings for a wide variety of head sizes and shapes with lightweight but durable components.
Earbud stowage hook	Stows the earbuds securely away from the head when headset is worn without earbuds in.	Keeps earbuds from dangling, interfering with and/or distracting the user.
Adjustable boom microphone	Boom can both rotate and flex for easy and accurate placement of the microphone.	Allows users to position mic properly in front of their mouths or out of view when not in use. Delivers clear communications and remains stable without changing position during head movement or turbulence.
Communications bypass	Provides full communications function, even when headset is turned off or batteries are depleted.	The headset provides communications (microphone and audio) with or without power, assuring users won't miss important communications.
Multiple plug types to fit most aircraft	Dual Plug, XLR 5 pin, LEMO (6 pin) and XLR 7 pin models available.	Several standard connector interfaces that work with the most popular aircraft.
Updateable Firmware	The ability to update Firmware via a USB connection inside the control module.	Allows for potential new functionality, enhancements and compatibility improvements.
Compatible with multiple intercom systems	Usable across multiple TSO certified systems, including Honeywell, Becker, Garmin, PS Engineering, Rockwell Collins and many others.	Connection and electrical/acoustical design assures compatibility with several different systems.
Bose Connect App	Manage headset connections and control features using app.	Connect two headsets to one audio device (Bluetooth audio sharing), manage connections, pair and unpair, rename devices, as well as potential new features to be provided in the future.



Features	Functions	Benefits
Tap control for talk-through communication	Double tapping either earbud optimizes audio to communicate with those outside of the intercom.	Allows users to optimize hearing in the voice range, allowing enhanced hearing in the ear and improved communications with those not using an intercom. This feature can be turned on or off with a switch on the control module.
Flexible power circuitry with auto-on	Headset seamlessly switches from battery to aircraft power without compromising headset performance. With auto-on enabled, the headset switches to and from headset battery and aircraft power.	Added flexibility for users who wish to enjoy the benefits of the headset without worrying about their source of power. Allows user to change configuration from aircraft power to battery power with the use of an adapter and 2 AA batteries. In aircraft equipped with a powered avionics panel, the ProFlight headset will power on automatically when connected. This function is user configurable (available only with 6 pin, 5 pin and 7 pin configurations).
Auto-off	Configuration switch that can turn the headset off after a period of time when not connected to an active intercom or in use.	Conserves battery life by automatically turning the headset off when it is not in use.
Stereo/Mono	User selectable stereo or mono configuration switch.	Allows users to select the audio source configuration that best matches their intercom system. (Available in 6 pin, Dual Plug, and 7 pin models only.)
Aircraft audio/ICS volume control	Configurable two-position switch for normal or low audio volume settings.	Allows the user to select a volume range in the headset and then fine-tune the volume on the panel without having to make large adjustments on the audio panel.
Bluetooth connectivity	BT 4.2 to include HFP, A2DP, AVCRP, BLE, Multipoint and the ability to add more profiles in the future.	The latest Bluetooth technology allows users to connect with popular EFBs or other Bluetooth enabled audio devices.



Features	Functions	Benefits
Bluetooth prioritization switch	Allows the user to select either Bluetooth audio mixed with intercom audio or for intercom audio to temporarily mute Bluetooth when present. Can also help achieve a sterile cockpit environment via the off switch, which turns the Bluetooth radio and chip set off completely.	Users can choose how to mix auxiliary audio with Bluetooth audio, as well as having the ability to disconnect power from all Bluetooth circuitry when needed.
Rotating side pads	Side pads rotate and lock into optimal use and storage positions.	Allows for a smaller form factor for stowage, and allows users to make minor adjustments to pad positions for improved comfort.
Durable design	Built and tested for use in demanding environments.	The headset is durable and can be expected to last for years, with proper routine maintenance.