

THE BOSE® AVIATION HEADSET X

BOSE®



"Top-ranked Bose placed 1st in the individual categories of noise canceling capability, clarity, comfort and technical advancement..."

Professional Pilot Magazine, 12/02

"...simply provides more active noise reduction than ever before."

Plane & Pilot Magazine, 11/98

"The ear cushions are the most comfortable ones I've ever flown with. They create a great seal with almost zero pressure and are constructed from a high-tech foam that doesn't retain heat."

Eric B. Phillips
Plane & Pilot Magazine, 7/99

"...I can wear the Bose for hours without even knowing that it's there...I'm far less fatigued when I finally reach destination."

Thomas Block
Flying® Magazine, 12/99

"Great product. Great customer and technical service."

Roger Johnson, Pilot

"The best is always worth the price."

Dick Stauffacher, Pilot



BOSE

The most respected name in sound is also the most respected name in silence. Bose was the company that brought noise reduction technology to the aviation industry in 1989, and we've been improving on it ever since.

Today, proprietary **TriPort® headset technology** provides full-spectrum noise reduction in a headset that weighs only 340 grams, with 50% less clamping force than most conventional headsets. The ultra-light magnesium headband with sheepskin cushion, advanced torsion spring, contoured earcups and soft, padded ear cushions all contribute to an exceptionally comfortable fit, even over glasses. And new **AdaptiSense™** headset technology features a smaller, easier-to-use control module and improved power management: up to twice the battery life of the previous Headset X, with automatic "smart" shutoff and tri-color battery status indicator.

Chosen by America's armed forces, Bose Acoustic Noise Cancelling® headset technology is used by U.S. Air Force pilots in the B-2 Stealth Bomber and C-130 tactical transports. It is also used extensively by the U.S. Army and European armed forces.

Receptacle-Pinpoint (front view)



Aircraft Interface Schematic



Ordering Information



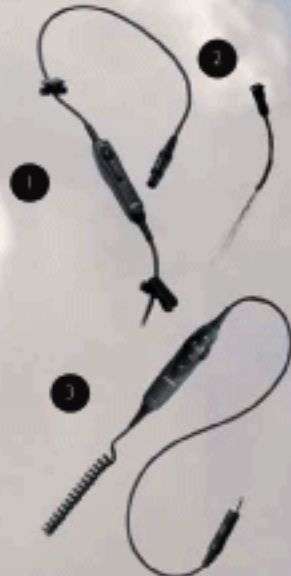
Installed version incorporates an in-line control module with dual thumb wheel (L & R) volume controls. Straight or coiled cables. Product code 031964 includes the headset plus the installed control module, wiring harness and carrying case.



New portable version operates for up to 40 hours on 2 AA batteries. Straight or coiled cables available with general aviation or helicopter (U-174) plug. Product code 031963 includes headset, portable control module and carrying case.

Optional cable configurations

- (1) Installed Control Module
Product # 031978
 - (2) Installed Wiring Harness
Product # 015999
 - (3) Portable Helicopter Control Module U-174 Single Plug with your choice of:
 - Electret mic (high impedance)
Product # 031997
- or
- Dynamic mic (low impedance)
Product # 031998



Carrying case
included with all models

Technical Information

Altitude

+15,000 feet maximum for full noise reduction

Voltage Battery power: 3 volts (2 AA alkaline)
Aircraft power: 10 to 32 VDC

Current

25 mA typical

Fuse/breaker recommended

1/4 amp fast blow or 1/2 amp breaker

Impedance

Monastral mode: 160 ohms (ON) and 230 ohms (OFF) at 1 kHz

Stereo mode: 320 ohms (ON), 460 ohms (OFF)

Microphone (electret)

Bias required: 8 to 16 VDC through 220 to 2200 ohms
Sensitivity: Varies depending upon bias and radio AC input impedance. Typical output is 300 mV at 114 dB SPL.

FAA Technical Standards Order (TSO)

The Bose Aviation Headset X, its interface, cables and electret boom microphone are FAA/JAA TSO-certified to C57a and C58a. The headset system has been designed to function and withstand exposure to the environmental conditions described within RTCA/DO-160D and DO-214. This enables long life and durability in the real world.

Take the Bose Test Flight

We believe the Bose Aviation Headset X is lighter, quieter and more comfortable than other headsets. But the true test happens in your aircraft. Ask your dealer for a test flight today.

1-800-11-BOSE (2673)