

Plantronics headsets: superior sound, superior comfort



As a leading manufacturer of lightweight headsets, we strive to set the highest standards of quality and design. We use premium components in our speakers and noise-canceling microphones to provide the clearest conversations between pilot and air traffic control.

But there's more to a Plantronics headset than superior sound quality. We design each headset to be as lightweight and as comfortable as possible for all-day use, every day. In addition to the venerable model MS50, we also provide the under-the-ear headsets (MS200), monaural (single-ear) headband headsets (MS250) and binaural (dual-ear) headband headsets (MS260).

Detailed product specs are provided inside this brochure. To learn more about our headsets, visit plantronics.com/aviation



From aerospace to aviation: a heritage of communication

"I used the MS200 and found it to be lightweight and comfortable. The audio reception was the best I have ever had in my 26 years of flying. ATC was asked many times on the quality of transmissions and most responses were excellent — one ATC controller said the audio was 'damn-near perfect.'"
— Rick Perry, A320 Captain

In the early sixties, aviation headsets were so heavy that they were literally a pain in the neck for pilots. For Plantronics, this was an opportunity to create lightweight headsets that revolutionized the industry. For more than 40 years, the MS50, with its superior design, has been a standard in aviation headsets.

Over the years, variations of the MS50 have been used for many other applications, including the first words from the moon, "That's one small step for man, one giant leap for mankind." Following Plantronics commitment to innovation, the MS50 has been joined by three additional lightweight headsets: the MS200, MS250 and MS260 — creating a superior line of aviation headsets.

	MS50	MS200	MS250 / M260
Cable length	5.75 ft (1.8m)	5.75 ft (1.8m)	5.75 ft (1.8m)
Connectors			
Microphone	molded, PJ068 or equivalent	molded, PJ068 or equivalent	molded, PJ068 or equivalent
Receiver	molded, PJ055 or equivalent	molded, PJ055 or equivalent	molded, PJ055 or equivalent
Receiver type			
Receiver type	Dynamic	Dynamic	Dynamic
Impedance	600 ohms	600 ohms	600 ohms
Sensitivity	92 dB SPL with an input of 155 mV through 600 ohms	90 dB SPL with an input of 1 mW through 1 kHz	90 dB SPL with an input of 1 mW through 1 kHz
Frequency response			
Frequency response	300–3000 Hz	100–4000 Hz	100–5000 Hz
Microphone and amplifier			
Type	Electret microphone with amplifier	Noise-cancelling electret microphone with amplifier	Noise-cancelling electret microphone with amplifier
Output / Sensitivity	–28 dBV into 150 ohms with an input of 94 dB SPL @ 1 kHz	–28 dBV into 150 ohms with an input of 94 dB SPL @ 1 kHz	–28 dBV into 150 ohms with an input of 94 dB SPL @ 1 kHz
Frequency response	300–5000 Hz	300–5000 Hz	300–5000 Hz
Supply Current / Voltage	44 mA dc	8–16V dc	8–16V dc
Gross weight (headset only)			
Gross weight (headset only)	1.8 oz (51g)	1.8 oz (51g)	MS250: 1.95 oz (55.4g) MS260: 2.83 oz (80.4g)
Gross weight (w/cable)			
Gross weight (w/cable)	3.9 oz (111g)	3.9 oz (111g)	MS250: 4 oz (115g) MS260: 5 oz (143g)

For more information, contact your local supplier or visit plantronics.com/aviation

©2011 Plantronics, Inc. All rights reserved. Plantronics, the logo design are trademarks or registered trademarks of Plantronics, Inc. All other trademarks are the property of their respective owners. 10/11



plantronics

MS Series Headsets

Trusted by pilots for more than 40 years



The clear choice in lightweight commercial aviation headsets

Chances are, if you're a commercial pilot, you often wear a Plantronics headset when you fly. That's because Plantronics has been supplying headsets to pilots for more than 40 years. In fact, Plantronics was the first to introduce a lightweight commercial aviation headset back in 1962. Known for superior sound quality and lightweight designs, a Plantronics headset offers quality you can trust—a fact born out of the FAA's selection of Plantronics as their sole supplier of headsets for air traffic control.

We are proud of this heritage and continue to build upon it. Our latest designs, the MS200, MS250 and MS260 offer the same signature sound quality, reliability and durability you've come to expect from Plantronics. Our line of FAA-approved headsets comes in a variety of wearing styles and incorporates the latest technology and lightweight comfort.

You've counted on our aviation headsets in the past and we hope to be your headset preference for the future.



Mission-critical communication products

"I've worn the MS260 on multiple international flights. I really like it. It's comfortable and I'm impressed with the product's sound quality—it's very clear and makes hearing and deciphering every word spoken by ATC, even on international flights, easy."

— Jeff Linder, 747 Captain

When communication is critical, you can rely on a Plantronics headset. Not only are we the FAA's sole supplier of air traffic control headsets, but our Specials group also provides headsets for dozens of other mission-critical applications. Our headsets have been used by NASA, the armed forces, government departments and emergency dispatch services.

Needless to say, we design headsets for day-to-day wear in demanding environments and this expertise is used to ensure that every product we build meets the highest standards of quality and reliability.



MS50

An Industry Standard

The lightweight Plantronics MS50 commercial aviation headset has been the product of choice for pilots for over 40 years. MS50 reliability is unparalleled as it continues to serve the needs of current and future generations of pilots. The MS50 can be worn with a headband (standard) or with an eyeglass clip (sold separately).

- Easy-to-use, hands-free communications let you keep your hands on the yoke
- Crisp, clear sound—Plantronics delivers greater clarity for in-flight communications
- Lightweight and comfortable, easy to wear, even for hours at a time
- Acoustic voice tube provides excellent transmission clarity
- FAA approved



MS200

Ultralight Headset

The Plantronics MS200 commercial aviation headset combines a unique lightweight design and advanced technology to deliver the ultimate in comfort and reliability. The noise-canceling microphone enables clear, uninterrupted communications between air and ground. Its compact, under-the-ear design ensures a secure, comfortable fit for extended wear, yet is convenient to carry and stow.

- Clear voice transmission between commercial pilots and air traffic control
- Hear and be heard with superior audio quality and noise-canceling microphone
- Comfortable enough to wear all day—on long hauls or short hops
- Ultra-lightweight, in-ear design
- Single ear piece facilitates pilot/co-pilot communications
- Conveniently portable and easily stowed due to compact design
- FAA approved



MS250 / MS260

A New Standard

The Plantronics MS250 (monaural) and MS260 (binaural) commercial aviation headsets leverage a proven design to set new standards in comfort and reliability for pilots. The noise-canceling microphones enable clear, uninterrupted communications between pilot and air traffic control. The over-the-head design offers a stable fit for extended wear.

- Clear voice transmission between commercial pilots and air traffic control
- Hear and be heard with superior audio quality and noise-canceling microphone
- Over-the-head design delivers all-day wearing comfort
- Choose from monaural (MS250) or binaural (MS260) designs
- Improved reception through greater noise occlusion (MS260)
- Conveniently portable and easily stowed due to compact design
- FAA approved



	MS50	MS200	MS250	MS260
FAA approved	•	•	•	•
Noise-canceling microphone		•	•	•
Monaural (single ear piece)	•	•	•	
Binaural (dual ear pieces)				•
Small size	•	•	•	•
Headband	•		•	•
Compact carrying case		•	•	•
Clips to eyeglasses	•			