

TELEX

Technical Data Sheet

Airman 8

General Description

The Telex Airman 8 is a lightweight noise-reducing headset designed specifically for optimizing pilot communications in commercial and business turbine aircraft. Building on the tradition of the Airman 850, the Airman 8 has improved durability, intelligibility, and comfort. The Airman 8 is the lightest Active Noise Reduction headset on the market and the only FAA TSO C139a approved ANR headset to utilize Telex's proprietary battery-free system. Soft pliable ear cushions and headband pads combine with dual direction ear cup pivots to provide long flight wearing comfort.

Features

- Flexible boom-mounted microphone, positionable for right- or left-side use
- Light-weight, battery-free ANR with onboard fail-safe to ensure constant communication
- Soft, pliable ear cushions and headband pads
- Stainless steel headband and pivot points for superior durability
- FAA TSO C139a approved



Airman 8 Headset Reference View

Order Information

Models

- AIRMAN8-0210 • Double Side ANR Headset, 2PJ, 600 Ohm
- AIRMAN8-0211 • Double Side ANR Headset, XLR5, 600 Ohm

Accessories

- AIRMAN7-0906 • Headband Pad for Airman 7 or 8
- AIRMAN8-0900 • Ear Cushion for Airman 8, 2 pcs
- AIRMAN7-0900 • Windscreen for Airman 7 or 8, 2 pcs
- AIRMAN7-0904 • Clothing Clip for Airman 7 or 8
- AIRMAN7-0905 • Carrying Case for Airman 7 or 8
- AIRMAN7-0901 • Hygiene Cover for Airman 8, 10pcs

For ordering information, contact your regional sales representative at www.telex.com

Specifications

Specifications are subject to change without notification.

Headphones

Type: Dynamic

Impedance: 600 Ω \pm 20% @ 1 kHz

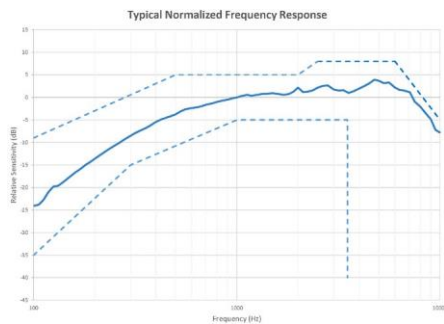
Frequency Response: (Per RTCA DO-214a)
<10dB max. to min. over the range of 50 to 3500Hz

Sensitivity: (Per RTCA DO-214a)
93 \pm 4 dB SPL (normal)
99 \pm 4 dB SPL (high)

Microphone and Amplifier

Element Type: Noise-canceling amplified electret

Frequency Response (Per RTCA DO-214a)



Sensitivity: (Per RTCA DO-214a)
-28dB re 1V/Pa at 1kHz, 12V

Operating Voltage: (Per RTCA DO-214a)
8-28 VDC (470 Ω load circuit)

ANR

Power Supply:

-0210 Receives power from boom microphone connection (See operating voltage, above)

-0211 Receives power from boom microphone connection (See operating voltage, above)

Attenuation: Provides up to 15dB of attenuation between 100Hz and 1500Hz

Connector Type

Dual Plug Connector (*AIRMAN 8-0210*)

| | |
|------------|---------------------|
| Microphone | PJ-068 (equivalent) |
| Headphones | PJ-055 (equivalent) |

XLR Connector (*AIRMAN 8-0211*)

| | |
|---------------------------|----------------|
| Microphone and Headphones | 5-pin Male XLR |
|---------------------------|----------------|

Physical

Weight:

| | | |
|---------------------|----------------------------|-------------------------------|
| | headset weight (with cord) | wearing weight (without cord) |
| AIRMAN8-0210 | ~6.6 oz (~187 g) | ~4.2 oz (~119 g) |
| AIRMAN8-0211 | ~6.8 oz (~193 g) | ~4.2 oz (~119 g) |

Cord Length: 6 ft. +/- 4 in. (1.8 m +/- 10 cm)

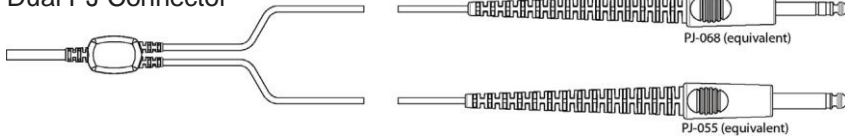
Color: Black and Stainless Steel

Controls: Active Noise Reduction On/Off Switch
Volume Normal/High Switch

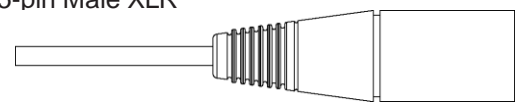
NOTE: Control operation, installation instructions, additional specifications can be found in the Operating Instructions.

Available Connection Types

AIRMAN8-0210
Dual PJ Connector



AIRMAN8-0211
5-pin Male XLR



Example Product Labeling

