

TELEX

Technical Data Sheet

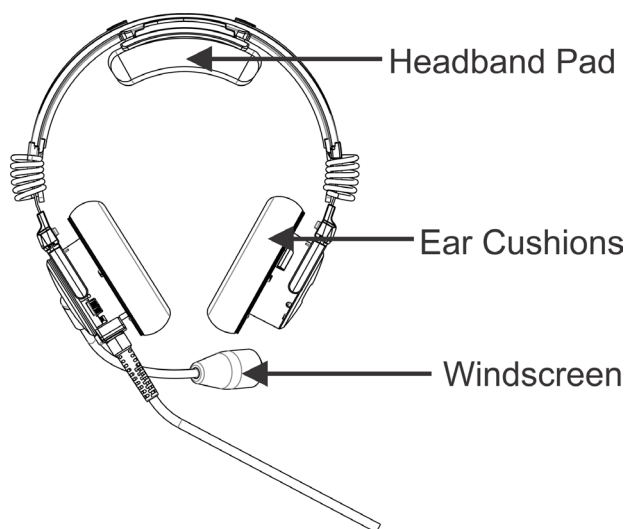
Airman 8+

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 and the Airman 8, Airman 8+ has improved ANR capability and comfort. The Airman 8+ is among the lightest Active Noise Reduction headsets on the market and one of only three FAA TSO C139a approved ANR headsets to utilize Telex's proprietary battery-free system. Larger pliable ear cushions and headband pad combined with dual axis 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
- Larger soft leathette ear cushions and headband pad
- Stainless steel headband and pivot points for superior durability
- FAA TSO C139a approved



Airman 8+ Headset Reference View

Order Information

Models

- AIRMAN8P-0210 • Double Side ANR Headset, 2PJ, 600 Ω
- AIRMAN8P-0211 • Double Side ANR Headset, XLR5, 600 Ω

Accessories

- AIRMAN8P-0908 • Headband Pad for Airman 8+
- AIRMAN8P-0903 • 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
- AIRMAN8P-0909 • Carrying Case for Airman 8+
- AIRMAN8P-0910 • Hygiene Cover for Airman 8+, 10pcs
- AIRMAN7-0906 • Headband Pad (small)

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

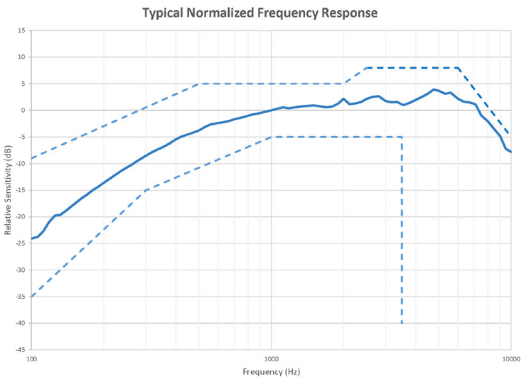
Frequency Response:
(Per RTCA DO-214a)
<15dB max. to min. over the range of
315 to 3150Hz

Sensitivity:
(Per RTCA DO-214a)
92 $\pm$ 5 dBSPL (normal)
98 $\pm$ 5 dBSPL (high)

Microphone and Amplifier

Element Type:
Noise-canceling amplified electret

Frequency Response
(Per RTCA DO-214a)



Sensitivity:
(Per RTCA DO-214a)
-28dB $\pm$ 3dB re 1V/Pa at 1kHz, 12V

Operating Voltage:
(Per RTCA DO-214a)
8-28 VDC at boom microphone (470 Ω load circuit) or at pin 5 of the XLR connection

ANR

Power Supply:

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

-0211
Receives power from either the boom microphone connection or pin 5 (See operating voltage, above)

Attenuation:
Provides nominal noise reduction 18 dB or higher between 100 Hz and 400 Hz and 15 dB (minimum) of attenuation between 100 Hz and 300 Hz

Connector Type

Connector Type	Equivalent Connector
Dual Plug Connector (AIRMAN 8P-0210)	
Microphone	PJ-068 (equivalent)
Headphones	PJ-055 (equivalent)
XLR Connector (AIRMAN 8P-0211)	
Microphone and Headphones	5-pin Male XLR

Physical

Weight:

	headset weight (with cord)	wearing weight (without cord)
AIRMAN8P-0210 (dual plug)	~6.70 oz (~190 g)	~4.4 oz (~125 g)
AIRMAN8P-0211 (XLR Plug)	~6.77 oz (~192 g)	~4.4 oz (~125 g)

Cord Length:
6 ft. $\pm$ 4 in. (1.8 m $\pm$ 10 cm)

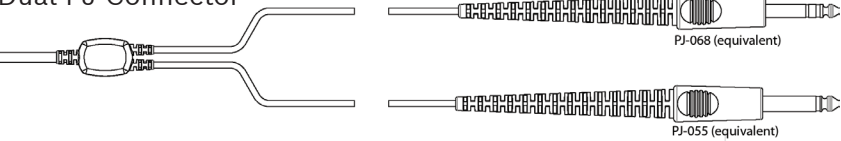
Color:
Black and Stainless Steel

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

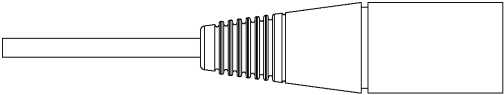
NOTE: Control operation, installation instructions, additional specifications can be found in the Operating Instructions.

Available Connection Types

AIRMAN8P-0210
Dual PJ Connector



AIRMAN8P-0211
5-pin Male XLR



Example Product Labeling (Serial Number in format YYWW####)

