

# TELEX

## Technical Data Sheet

### Airman 8 Stereo

#### 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 one of the lightest Active Noise Reduction headsets 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

- AIRMAN8-0235 • Double Side ANR Headset, 6-pin, 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](http://www.telex.com)

# Specifications

Specifications are subject to change without notification.

## Headphones

### Type:

Dynamic

### Impedance (per channel):

600  $\Omega$   $\pm$ 20% @ 1 kHz

### Frequency Response:

(Per RTCA DO-214a)

<10dB max. to min. over the range of  
350 to 3500Hz

### Sensitivity:

(Per RTCA DO-214a)

92  $\pm$ 5 dBSPL

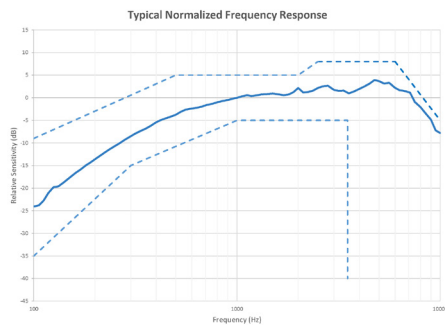
## Microphone and Amplifier

### 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  $\Omega$  load circuit)

### ANR

### Power Supply:

Receives power from boom microphone connection (See operating voltage)

### Attenuation:

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

### Connector Type

6-pin Lemo (Redel) style

P/N PAGM06NLAC52NZ (or equivalent)

### Physical

### Weight:

headset weight (with cord)    wearing weight (without cord)

~6 oz  
(~175 g)

~4 oz  
(~125 g)

### Cord Length:

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

### Color:

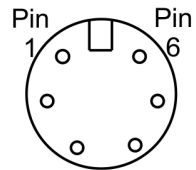
Black and Stainless Steel

### Controls:

Active Noise Reduction On/Off Switch

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

## 6-pin Male Connector



Cable side view

### PIN CONNECTIONS

- Pin 1: No Connection
- Pin 2: Shield (OUTER) - BLACK
- Pin 3: Left Speaker - Yellow
- Pin 4: Right Speaker - Green
- Pin 5: Mic (+) - White
- Pin 6: Mic (-) - Blue (INNER Shield)

## Example Product Labeling

