Technical Data Sheet

Airman 750 and 760

Aviation Headsets and Headphones

Airman 750 Shown

General Description

The Telex Airman 750 is a lightweight, general aviation headset complete with boom-mounted, noise-canceling electret microphone.

The Airman 760 is identical to the Airman 750, except it does not have a microphone.

The Airman 750 is approved for aircraft use under FAA (Federal Aviation Agency) TSO C57a and C58a; the Airman 760, under TSO C57a.

Design Features

Headphones

Both units feature open-air style earphones for long-term, fatigue-free usage. The earphone housings are mounted on stainless steel sliders which permit over two (2) inches (55mm) of fitting adjustment. The ear cushions are removable for easy field replacement.

Microphone (Airman 750 Only)

The Airman 750 Headset features a miniatures, amplified, noise-canceling electret microphone that provides superior 400Hz hum rejection. The microphone boom is flexible for optimum microphone placement, and it is reversible for wearing on either side of the head. For best results, the microphone should be positioned as close to the mouth as possible. A position at one side of the mouth is best to minimize popping, hissing, and breathing sounds when speaking.

The microphone amplifier is contained in the boom-side earphone housing. The amplifier has an adjustable gain control and provides output levels equivalent to carbon microphone levels. (Adjustment by a qualified avionics technician is recommended.)

Specifications

Receivers

Type: Dynamic
Impedance: 150-600 Ω
Frequency Response: 100-3000Hz
Sensitivity: 90dB SPL/mW @ 1KHz

Microphone and Amplifier (Airman 750 Only)

Type: Noise-cancelling electret
Matching Impedance: 50-600Ω
Frequency Response: 300-5000Hz
Sensitivity: -51dB re: 1V/ubar at 1KHz, 12VDC bias
Operating Voltage: 8-16Vdc

Plug Type

Airman 750: Microphone: Molded, PJ-068 equivalent
Receiver: Molded PJ-055 equivalent
Airman 760: Molded PJ-055 equivalent

Gross Weight

Airman 750: 4oz. (115g)
Airman 760: 3oz. (85g)

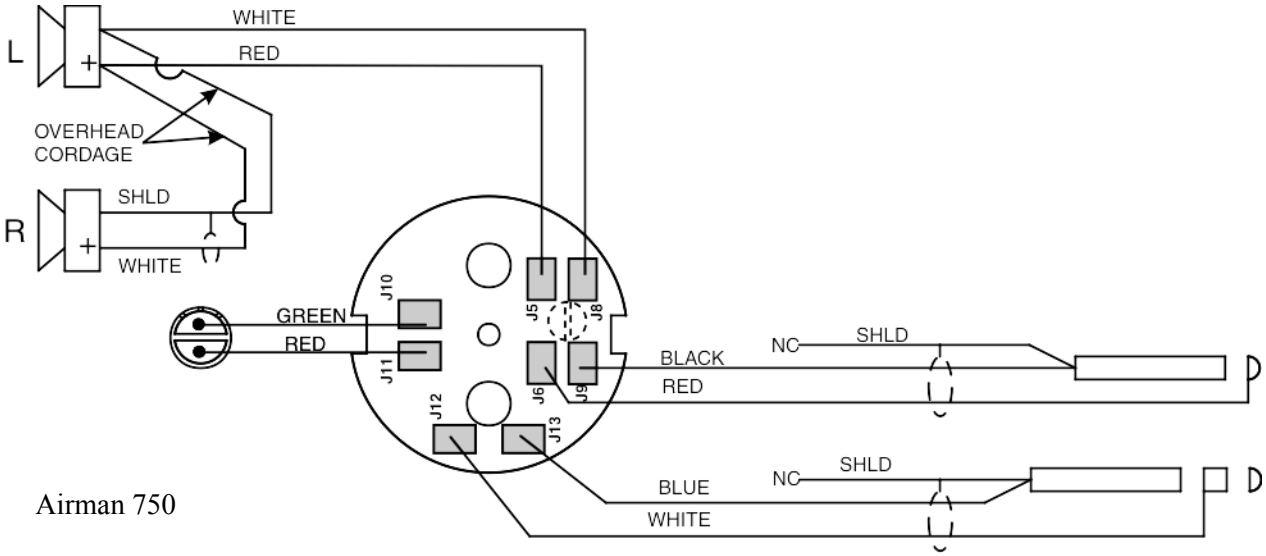
Cord Length

Airman 750: 5.5ft (1.7m)
Airman 760: 5.5ft (1.7m)

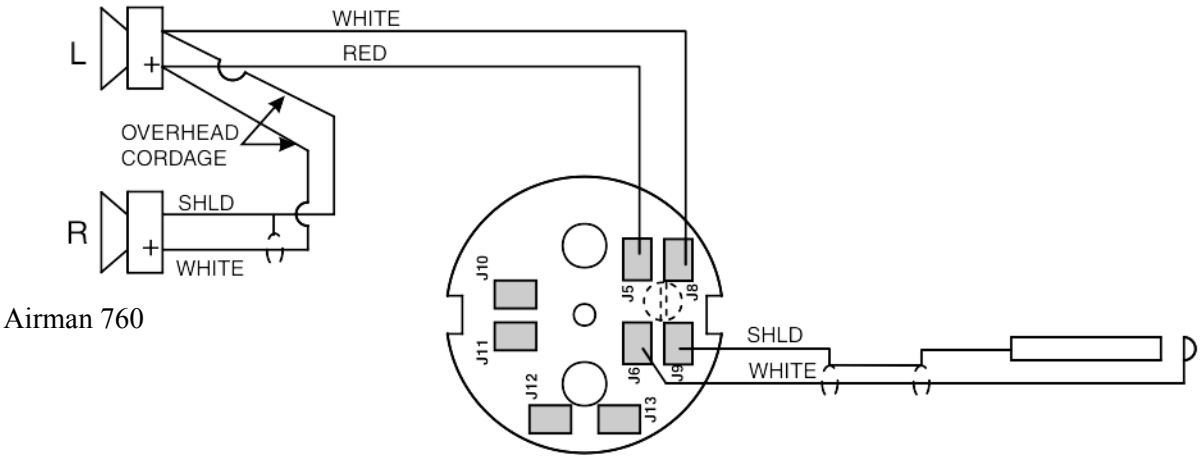
Color:

Black

Airman 750/760 Wiring Diagrams



Airman 750



Airman 760

Ordering Information

Airman 750 Headset ..... Catalog No. 64300-200
Airman 760 Headphones ..... Catalog No. 64400-200
Replacement Ear Cushions ..... Catalog No. 800456-005
Replacement Clothing Clip ..... Catalog No. 590637-000
Optional PT-300 Push-To-Talk Switch ..... Catalog No. 63966-000
(For use with Airman 750 when the aircraft does not have a built-in PTT switch)