



Model H10-13XL Aviation Headset

FEATURES AND BENEFITS

- Headset can be unplugged from Portable Battery Module for use with Permanent Panel Mount Module
- Expanded, super-soft, double foam head pad
- Larger, yet lighter, undercut Comfort Gel ear seals
- Battery Power Module – One 9 volt battery for up to 25 hours of operation
- Exclusive patented flex/wire boom for easy, precise microphone placement
- Pilot selectable automatic Shut-Off feature

- M-7A noise-cancelling electret microphone provides clear, crisp transmission
- Dual volume controls let you adjust the listening level for each ear
- NRR – 23dB passive noise reduction. Additional 17-22dB low-frequency noise attenuation when ENC is activated
- Five-foot (extended) coil cord terminating with a 10 pin quick release connector
- Coiled cord assembly connects Battery Power Module to panel intercom/radio

TECHNICAL DATA

Ear coupling	Around-the-ear
Hardware	Steel
Connector Type	PJ-055 (.25" phone plug)
Connection Cable	~ 5 ft. (1.5 m) straight cord
Weight w/o cable	~ 18 oz. (532 g)
Dome type	ABS
Characteristic SPL	~95 dB SPL (1 kHz, 1 mW) @ maximum volume nominal
Contact pressure	~0.6 lb. (2.7 N)
Total harmonic distortion (THD)	< 1% - 110 dB SPL (300 - 3,000 Hz)
Transducer principle	Dynamic (ENC)
Ear Impedance	Monaural, 150Ω nominal, stereo, 300Ω nominal per side
Ear Freq Response	100 - 5,500 Hz
Microphone principle	M-7A Amplified Electret
Mic Impedance	50Ω +/- 20%
Mic Sensitivity	400mV+/-6dB into 150Ω load @ 1kHz for 114 dB SPL input
Mic Freq Response	300Hz – 3.5KHz per RTCA DO 214
Mic DC Supply V.	8-16V, not polarity sensitive
Source Resistance	470Ω