



Powder Puff Pilot PNR Headset

Specifications

General	Headphone
Operating temperature: -20 to 70°C Straight cord from headset to molded plug, 150 cm Intercom connections <ul style="list-style-type: none"> • Earphone plug: PJ-055 (0.25 in. 6.3 Φ phone plug) • Microphone plug: PJ-068 (0.206 in. 5.2 Φ phone plug) Weight: 1.15 lb (520 g) Height: 4 to 5.5 in. (10 to 14 cm) Flexible boom	Type: dynamic: (Φ 50) Frequency response: 100 Hz to 8 kHz Sensitivity <ul style="list-style-type: none"> • 95\pm5 dB SPL (1 kHz, 1 mW input per earcup side) • Full volume on ear simulator Impedance: 150 ohms (300 ohms ea., wired in parallel) Rate input: 100 mW Max. input: 250 mW
Noise Reduction Specifications	Microphone and Amplifier
Noise Reduction Ratings (NRR): 24dB Attenuation frequency band: 20Hz~20KHz Main attenuation frequency band: 20Hz~600Hz Attenuation capability: 18~21dB Power consumption: 30 mW	Element type: noise-canceling electret Frequency response: 150 Hz to 5 kHz Operating voltage (supplied by aircraft): 8 to 32 VDC Matching impedance: 150 to 1000 ohms Sensitivity: -33 \pm 4 dB (Ref: 0dB SPL=20.0 uPa at 1 kHz with 10 VDC 150 ohms AC load)

Headset Noise Attenuation Data

The Noise Reduction Rating (NRR) is provided in accordance with U.S. EPA Regulation 40 CFR Part 211, Subpart B. The NRR range for existing hearing protectors is approximately 0 to 30. (Higher numbers denote greater effectiveness.)

Frequency (Hz)	125	250	500	1000	2000	3000	4000	6000	8000
Attenuation (dB)	14.3	21.5	27.1	31.8	36	39.5	41.3	39.7	37.0
Standard deviation	3.3	2.4	1.5	1.6	1.3	2.1	2.1	2.0	1.3