



Powder Puff Pilot ANR Headset

Specifications

General	Headphone
Operating temperature: -20 to 70°C Cord <ul style="list-style-type: none"> AN-1000AC straight cord from headset to molded plug 150CM 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: 1.32 lb (600 g) Height: 4 to 5.5 in. (10 to 14 cm) Flexible boom	Type: dynamic: (Φ30) Frequency response: 50 Hz to 20 kHz Sensitivity <ul style="list-style-type: none"> 95±5 dB SPL (1 kHz, 1 mW input per earcup side) Full volume on ear simulator Active noise attenuation <ul style="list-style-type: none"> Dynamic 42 ohms Rate Input: 30mW Max. Input: 100mW Speech sound <ul style="list-style-type: none"> Dynamic 300 ohms Rate input: 30 mW Max. input: 100 mW
Noise Reduction Specifications	Microphone and Amplifier
Noise Reduction Ratings (NRR): 24 dB Attenuation frequency band: 20 Hz~20 KHz Main attenuation frequency band: 20 Hz~600 Hz Attenuation capability: 18~21 dB Power consumption: 30 mW	Element type: noise-canceling electret Frequency response: 100 Hz to 5 kHz Operating voltage (supplied by aircraft): 8 to 32 VDC Matching impedance: 150 to 1000 ohms Sensitivity: -33±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