



1 Pamonit St. Magshimim 56910, ISRAEL

SYSDO



Tel: 972-3-9338999 Fax: 972-3-9337233

AVIATION HEADSET SHS2000P PNR





1 Pamomit St. Magshimim 56910, ISRAEL



Tel: 972-3-9338999 Fax: 972-3-9337233



HEADSET OPERATION

1. Rotate the flexible boom overhead to wear the microphone on either the right or left side of the head.
2. Rotate the headset volume control (on the side of the headset opposite the microphone boom) fully counter-clockwise to the minimum position. before the headset plug is inserted into the aircraft or intercom.
3. With the headband resting securely on the top of the head, check that the earseal are centered over the ears.
4. For best noise cancellation, position the microphone 0-6 mm from your lips.
5. Insert the microphone plug (PJ068) into the aircraft or intercom microphone jack. Insert the earphone plug (PJ055) into the aircraft or intercom earphone jack.
6. Volume Adjustment Procedure
Rotate the headset volume knob clockwise to a comfortable level.

Cautions:

- 1: Proper Fit Proper fit is critical to its noise attenuation effectiveness
- A: Push the headband down until it rests comfortably on the top of your head. Move the Earcups slightly up or down or from side to side until you feel Maximum attenuation.
- B: The use of eyeglasses will reduce the attenuation. Use thin temples on your glasses to keep noise leakage at a minimum.
- 2: Use in Impulsive Noise Area
NRR is based on continuous noise, may not be an accurate indicator of the impulsive noise such as gunfire.
For maximum protection, you can use ear plugs in addition to it.
- 3: Maintenance and Cleaning
In order for your headset working properly, always comply the following:
- A: Never alter your headset.
- B: If you see a defect such as splits in cups, seek immediate replacement.
- 4: Cleaning Instructions
A: Do not immerse in water.
B: Clean regularly with mild soap water. Sponge off head pad and ear seals, Taking care to rinse thoroughly.

HEADSET NOISE ATTENUATION DATA

The noise reduction or attenuation characteristics of communication headsets must be measured according to an accepted standard procedure if the characteristics of different headset are to be compared in a meaningful way. The Noise Reduction Rating (NRR) is provided in accordance with U.S.EPA Regulation 40 CFR Part 211.Subpart B. The Range of Noise Reduction Rating 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



1 Pamonit St. Magshimim 56910, ISRAEL

SYSDO

Tel: 972-3-9338999 Fax: 972-3-9337233



Specifications

Noise Reduction Ratings (NRR) : 24dB

Headphone

Type: Dynamic ($\Phi 50$)

Frequency Response: 100Hz to 8 kHz

Sensitivity: 95 ± 5 dB SPL (1 kHz, 1 mW input per Earcup side)
full volume on ear simulator

Impedance: 150 ohms (300 ohms each; wired in parallel)

Rate Input: 100mW

Max. Input: 250mW

Microphone and Amplifier:

Element Type: Noise-cancelling electret's

Frequency Response: 150Hz to 5 kHz

Operating Voltage (supplied by aircraft): 8-32 Volts DC

Matching Impedance: 150-1000 ohms

Sensitivity: -33 ± 4 dB

(ref: 0dB SPL=20.0uPa at 1 kHz with 10 Vdc 150 ohms AC load)

General:

Temperature: Operating: - 20 to 70°C

Cordage:

- Straight cord from headset to molded plug, 150CM
- Coiled cord from headset to molded plug, 70CM

Intercom Connections:

Earphone Plug : PJ-055 (.25" 6.3 Φ phone plug)

Microphone Plug : PJ-068 (.206" 5.2 Φ phone plug)

Or

Earphone/Microphone Plug : TP-120 (U-93A/U)

Weights:

Type 1 ----- 520g

Type 2 -----560g

Headset size range

Height: 10 to 14 cm

Color:

Green/Black

Boom:

Flexible Boom