

TECHNICAL DATA SHEET

PRODUCT NAME:

HSP-1

Two-Way
Communication
Headset



**PRODUCT
DESCRIPTION**

High Noise Environment Communications Headset

Rojone headsets are proudly Australian made and are tested and certified with AS/NZS1270-2002, Acoustics – Hearing Protectors. Made with precision, this headset features a field replaceable mic boom and noise cancelling microphone.

The HSP-1 headset features a Nexus TP-120B plug as standard however, other connection configurations are available (see page 3).

PRODUCT APPLICATION

- Commercial airlines
- Mining
- Industrial Communications

KEY BENEFITS

- Clear Communications
- Increased Productivity
- Protects against hearing loss
- Improved working conditions

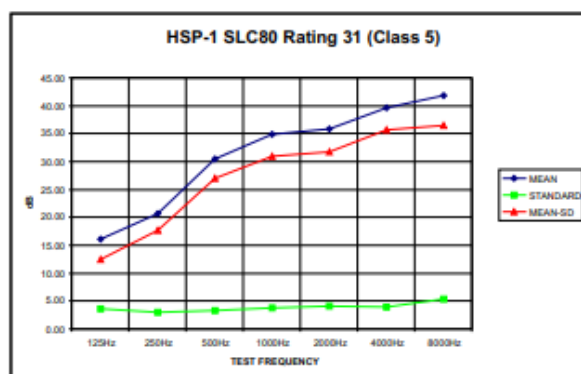


KEY FEATURES

- Leather-covered headband
- Olive drab colour
- Noise-cancelling microphone
- -35dB noise reduction
- Lightweight (423 grams)
- ISO 9001:2015 certified manufacturing
- 12 months warranty on headsets

TESTED BY THE NATIONAL ACOUSTIC LABORATORIES TO AS/NZS 1270:2002


SLC80 Rating31	CLASS 5		MASS 423g		CLAMP FORCE 10.4N		
Test Frequency (Hz)	125	250	500	1000	2000	4000	8000
Mean Attenuation	16.0	20.7	30.4	34.8	35.8	39.6	41.8
Standard Deviation	3.5	3.0	3.3	3.8	4.1	3.8	5.3
Mean Minus SD	12.5	17.7	27.1	31.0	31.7	35.8	36.5



TECHNICAL DATA SPECIFICATION

Model Number	HSP-1
Style	Headband with leather cover over stainless steel band
Cups	ABS
Colour	Olive drab
Cabling	
Main	Four independently wire lap screened conductors PUR sheath
Length	900mm, part coiled
Intercup	Twisted pair, PUR sheath
Termination	Nexus TP-120B plug (other terminations available)
Microphone	
Boom	MB-102, Infinitely adjustable, field replaceable
Element	Noise cancelling electret condenser
Sensitivity	-71dB +/- 3.5dB @ 1kHz (0dB=1v/ μ bar)
Impedance	1.6k Ω +/- 30% @ 1kHz (RI= 2k Ω)
Response	300 to 4000Hz
Earphones	
Type	Dynamic
Impedance	300 Ω x 2 wired in parallel
Response	300 to 3500Kz @ 1kHz +/-45 Ω
Weight	423 grams (including standard plug)
SLC80 Rating	31 (Class 5)

TERMINATIONS AVAILABLE

Part Number	Termination	Connector Image
HSP-1-DXC	Lemo Connector	
HSP-1-NM	TP-120B Plug, No Microphone	