

# TECHNICAL DATA SHEET

**PRODUCT NAME:**

HSP-4

Two-Way Communication  
Headset



**PRODUCT  
DESCRIPTION**

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## High Noise Environment Communications Under Hat Headset

Rojone headsets are proudly Australian-made, 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-4 headset features a TP-120B plug as standard

## PRODUCT APPLICATION

- Commercial Aviation
- Mining
- Industrial Communications

## KEY BENEFITS

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

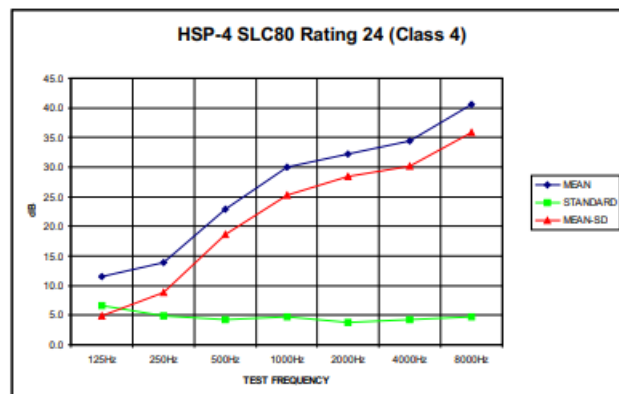


## KEY FEATURES

- Leather-covered headband
- Olive drab colour
- Noise-cancelling microphone
- -35dB noise reduction
- Lightweight (357 grams)
- ISO 9001:2015 certified manufacturing
- 12 months warranty on headset

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

SLC80 Rating <sub>24</sub>	CLASS 4		MASS 357g		CLAMP FORCE 10.8N		
Test Frequency (Hz)	125	250	500	1000	2000	4000	8000
Mean Attenuation	11.4	13.8	22.9	29.9	32.3	34.4	40.6
Standard Deviation	6.6	5.0	4.2	4.6	3.8	4.1	4.9
Mean Minus SD	4.8	8.8	18.7	25.3	28.5	30.3	35.7



## TECHNICAL DATA SPECIFICATION

<b>Model Number</b>	<b>HSP-4</b>
Style	Behind the neck headband over stainless steel band
Cups	ABS
Colour	Olive drab
<b>Cabling</b>	
Main	Four independently wire lap screened conductors, PUR sheath
Length	900mm, part coiled
Intercup	Twisted pair, PUR sheath
<b>Termination</b>	<b>Nexus TP-120B</b>
<b>Microphone</b>	
Boom	MB-102, Infinitely adjustable, field replaceable
Element	Noise cancelling electret condenser
Sensitivity	-71dB +/- 3.5dB @ 1kHz (0dB=1v/ $\mu$ bar)
Impedance	1.6k $\Omega$ +/- 30% @ 1kHz (RI= 2k $\Omega$ )
Response	300 to 4000Hz
<b>Earphones</b>	
Type	Dynamic
Impedance	300 $\Omega$ x 2 wired in parallel
Response	300 to 3500Kz @ 1kHz +/-45 $\Omega$
<b>Weight</b>	<b>357 grams (including standard plug)</b>
SLC80 Rating	24 (Class 4)

## TERMINATIONS AVAILABLE

Part Number	Termination	Connector Image
HSP-4	TP-120B	