

# SM1P

The Versatile Solution for Safe Communication in Noisy Workplaces

The SM1P provides essential features and benefits to improve safety, reliability, and efficiency. This new industrial headset offers a robust design adhering to higher noise reduction standards. It's upgraded Bluetooth® module allows for the streaming of audio to the headset. The headset uses Sensear's SENS® technology to enhance speech and suppress noise while the noise-canceling boom mic filters out background noises so that only speech is transmitted through the microphone.



**360°  
Situational  
Awareness**



**Electronic  
Volume Limiter**



**Cellular  
Bluetooth**



**Face to Face  
Communication**



**Protects  
Hearing**



**Short Range  
Communication**



**Two-way  
Radios**



**Speech Enhancement  
Noise Suppression**

## FEATURES AND BENEFITS

- Clear two way radio communication in high-noise environments
- Bluetooth cellular connection for conversation and audio streaming
- Limit 'in-ear' exposure to 82 dB(A)
- Compatible with leading two way radios via wired or Bluetooth
- Improved Short Range with additional channel banks
- Upgraded 24 hour battery life for use in multiple shifts
- Available in headband, behind-the-neck, and helmet style
- SENS® Technology - remain aware of surrounding noises and hazards
- Enhances speech while suppressing background noise to a safe level
- Noise-canceling boom mic



## SM1P Styles



Headband (HB)



Behind-the-neck (BTN)



Helmet Mount (HM)

## Technical Specifications

### General

<b>Mounting Type</b>	Headband (HB)	Behind-the-neck (BTN)	Helmet Mount (HM)
<b>Sensear Part Number</b>	SM1PB001	SM1PE001	SM1PH001
<b>Weight</b>	495 g (17.46 oz.)	428 g (15.09 oz.)	480g (16.93 oz.)
<b>IP Rating</b>	IP54		
<b>Operating temperature</b>	-20°C to +60°C (-4°F to 140°F)		

### Hearing Protection

<b>Volume limiter</b>	82 dB(A) [programmable] – only applicable when headset is powered on
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<b>Region</b>	Australia / NZ	USA / Canada	USA / Canada	Europe
<b>Standard</b>	AS/NZS 1270	ANSI S3.19	ANSI S12.6	EN352-1/EN352-3
<b>Result</b>	SLC80	NRR	NRR[Sf]	SNR
<b>HB</b>	31 dB, Class 5	27 dB	27 dB	33 dB
<b>BTN</b>	27 dB, Class 5	24 dB	24.3 dB	30 dB
<b>HM</b>	26 dB, Class 5	23 dB	19.1 dB	31 dB

### Power

<b>Battery type</b>	Rechargeable - lithium polymer
<b>Battery capacity</b>	2650 mAh
<b>Operating time</b>	24 hours
<b>Charge time</b>	7 hours
<b>Charging temperature</b>	0°C to +40°C (32°F to 104°F)

### Communication

<b>SENS® 360° Situational Awareness</b>	95 dBA		
<b>Voice Transmission</b>	Boom microphone – noise canceling		
<b>Wired Connectivity</b>	6-pin Hirose connector	Two-way operation without power*	Audio revert to radio when headset Hirose disconnected*
<b>Short Range</b>	Half-duplex communications	Up to 8 programmable FM channels	Up to 50 meters (164 feet)
<b>Bluetooth</b>	Bluetooth® 3.0: HFP, HSP, A2DP	15 meters (49 feet)	

\*dependent on radio type and compatible SRCK radio cable

### Short Range

<b>Region</b>	EIRP (uW)	Standards	FM Freq. range (MHz)
1	8.02	AS/NZS 4268	88.1 – 107.9
2	0.048	EN301357-1	88.1 – 107.9
3	0.012	FCC-15.239	88.1 – 97.0

## Noise is Everywhere...



MANUFACTURING



CONSTRUCTION



HEAVY EQUIPMENT



MINING (ABOVE GROUND)

Your Local Dealer

**Sensear Pty Ltd**  
199 Great Eastern Highway,  
Belmont, WA, 6104  
Australia  
+61 8 9277 7332

**Sensear Inc.**  
3350 SW 148th Ave  
Suite 110  
Miramar, FL 33027  
United States  
Toll Free: 1-888-9SENSEAR  
1-888-973-67327

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Hear Speech Stay Protected

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