

## smartMuff

Speech Enhancement Noise Suppression



**Sensear's smartMuff** serves three purposes: protects hearing up to 27dB NRR / 33dB SNR / 31dB, Class 5 SLC80, enables face-to-face communication, and provides 360° situational alertness. With the smartMuff, users will protect their ears and hear their peers. The smartMuff's speech enhancement feature allows for effective communication in high noise environments, while still protecting hearing. The smartMuff has several applications:

- Recreation (ATVs, Helicopters, Gun Range, etc.)
- Lawn Service / Maintenance (listen to FM Radio)
- Workshops (metal / woodworking)

### Accessories

- Ear Muff Hygiene Kit
- Programming tablet
- Headset Carry Case
- Replacement Parts
- Wall Chargers



Experience SENS® Technology!



# SENS

TECHNOLOGY by Sensear



**Speech  
Enhancement**

+



**Noise  
Suppression**

+



**Situational  
Awareness**

=



**SENS®  
Technology**



**Hearing  
Protection**



**Enhanced  
Communication**



**Situational  
Safety**



## Technical Specifications

### General

Mounting Type	Headband (HB)	Behind-the-Neck	Helmet Mount (HM)
Sensear Part #	SM1PBS02	SM1PES02	SM1PHS02
Weight	495 g (17.46 oz.)	428 g (15.09 oz.)	480 g (16.93 oz.)
IP Rating	IP54		
Operating Temperature	-20°C to +60°C (-4°F to 140°F)		

### Hearing Protection

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

### Communication

Face-to-Face SENS® Mode	SENS® voice pickup limit of 95 dB(A)
-------------------------	--------------------------------------



**Speech Enhancement  
Noise Suppression**



**Electronic Volume  
Limiter**



**Hearing  
Protection**



**Situational  
Awareness**



**Face-to-Face  
Communication**

Sensear Pty Ltd  
4 Hehir Street  
Belmont, WA, 6104  
Australia  
Toll-Free: 1-300-859-120

Sensear Inc.  
150 South Washington St  
Suite C  
Carpentersville, IL 60110  
United States  
Toll-Free: 1-888-973-6732

Sensear   
||| SAFETY THAT SPEAKS VOLUMES

**SENS**  
TECHNOLOGY by Sensear

www.sensear.com

Your Local Dealer

Magnum Electronics, Inc.  
927 Horsepond Rd,  
Dover, DE 19901  
302-734-9250