

# Sensear Smart Double Protection (SDP) Muff A Total Extreme Noise Communication Solution



Speaker output  
Limited to  
**82dB(A)** in  
the ear\*

\*When tested according to EN  
352-4 below H, M and L  
criterion levels.



SDP Helmet mount

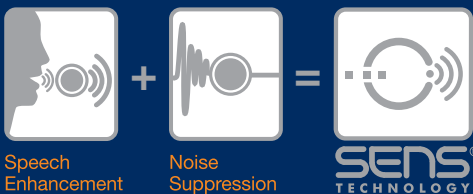


SDP Around the neck

**SDP**  
ADVANCED SENS<sup>®</sup> TECHNOLOGY  
Face-to-face (up to 95db),  
Two-way,  
Bluetooth,  
Short Range

Sensear   
Hear Speech Stay Protected

## Hear Speech, Stay Protected with the Smart Double Protection Muff



Now you can hear speech and stay protected in extreme noise environments with the new Sensear Smart Double Protection (SDP) Communication Muff.

Up until now, workers who were compelled to wear double protection could not communicate in extreme noise environments. Now with the Sensear SDP, users can communicate via two-way radio, Bluetooth cell phone and Ear Muff to Ear Muff (up to distances of 50 meters) in extreme noise environments.

The SDP is powered by Sensear's ground breaking **SENS<sup>™</sup>** (speech enhancement, noise suppression) technology that isolates and enhances speech whilst suppressing dangerous background noise. **SENS<sup>™</sup>** technology ensures background noise is lowered to a safe level while retaining the natural qualities of the sound so the user retains awareness of their surroundings.

Featuring a rugged design for heavy duty and general use, the SDP is a unique combination of Sensear's Smart Plug and Smart Muff products. So now you can communicate clearly and stay protected in extreme noise environments with the Sensear SDP.

The Sensear SDP easily connects to most two-way radios including syncing to wireless bluetooth-enabled two-way radios, cell phones and DECT phones. It also enables SDP to SDP communication without connection to another device within a 50 meter radius.



Two-way radio connection

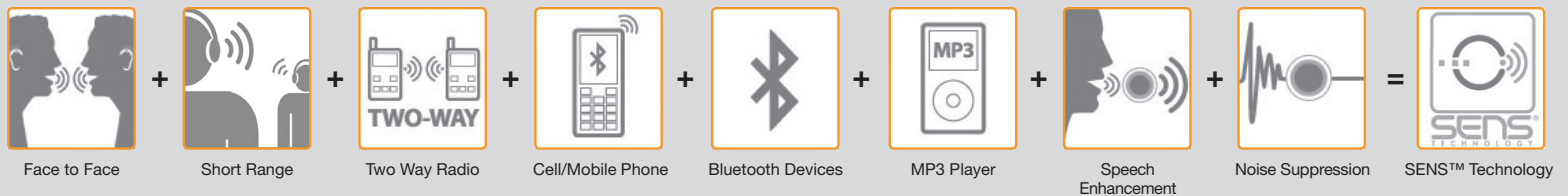


# Sensear Smart Double Protection (SDP) Muff

## Smart Product Features



## Smart Communication Features



### Specification:

SENSTM Noise Suppression 13 dB white noise suppression, sub 4ms TINS impulse suppression  
 NEAD tonal noise suppressor – up to 3 concurrent tones  
 2-way radio/Bluetooth communication Clear communication in noise up to 115 dBA  
 Volume Limiter in-ear limit 82 dBA from all sources up to H M L criterion level (EN352-4)  
 PPE Certifications ANSI S3.19 ANSI S12.6 AS1270 EN352

Battery Charge 8 hours max  
 Battery Discharge 15 hours min  
 Battery service life 500 charge cycles minimum  
 Bluetooth® Class 2 Bluetooth® 2.0 + EDR  
 Operational temperature range -20°C to 60°C (45°C while charging)  
 Weight: Cap Mount SDP = 361 g • BTH SDP = 393 g • OTH SDP = 425 g

### Attenuation Data (Summary)

Rating	Behind the Head			Over the Head			Cap Mount		
	NRR	NRR SF	SLC(80)	NRR	NRR SF	SLC(80)	NRR	NRR SF	SLC(80)
Foam Tips	31	33	33	30	33	32	29	31	30
TPE Tips	27	30	29	29	30	30	26	29	28

### Designed and Manufactured in Australia

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