



SMART MUFF - SM1xSR

BLUETOOTH + SHORT RANGE

Article No.: 2578SE137

Sensear's Unique Technology

Sensear's industry-changing SENS™ technology simultaneously combines speech enhancement with noise suppression to deliver a total high noise communications and protection solution by recognizing the different properties of speech and background noise.

SENS™ enables users to remain aware of their surroundings, communicate in noisy environments and protect their hearing from harmful noise.



"Hearing protection is a sound investment."



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

*When tested according to EN 352-4 below H, M and L of hearing levels

SM1xSR Helmet mount

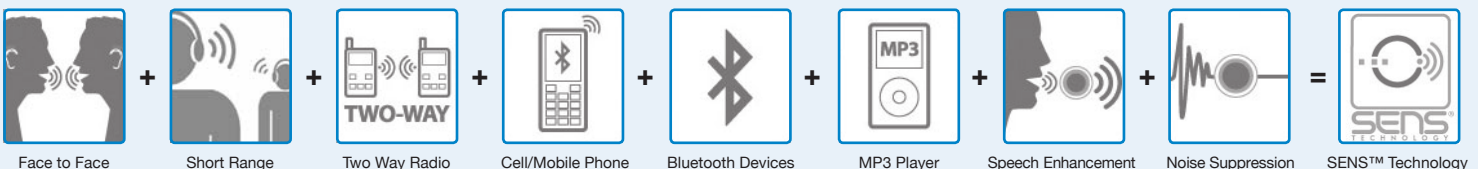
SM1xSR Around the neck

TECHNICAL FEATURES

- Headset-to-headset PTT communication
- Connect to two-way radios via Bluetooth or via cable
- Connect to mobile devices (HSP and HFP profiles) via Bluetooth®
- Talk 'face-to-face'
- Built in rechargeable battery (lithium-ion)
- SENS™ Technology
- VOX capable
- Enhances speech while suppressing background noise to a safe level
- Remain aware of surrounding noises and hazards
- Limit 'in-ear' noise exposure to 82dB
- Rugged and lightweight design
- Noise-cancelling boom mic
- Certified to ANSI S3.19-1974 with 25dB NRR

SMART COMMUNICATION FEATURES

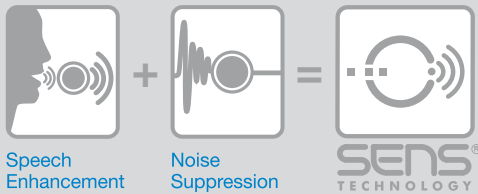
SENS™ technology is a revolutionary technology invented by Sensear. It perfects the combination of speech enhancement and noise suppression technologies with a complex set of unique algorithms enabling what has previously been impossible, the ability to produce high quality speech audibility and optimum hearing protection in environments with noise levels above 85dB(A).



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SMART COMMUNICATION FEATURES



AttenuationData

SM Headband Model

F(Hz)	125	250	500	1000	2000	3150	4000	6300	8000	NRR
Mean Attenuation (dB)	21.1	25.5	29.9	32.9	34.7	41.2	39.7	41.1	41.8	25dB
Standard Deviation (dB)	4.1	3.0	3.2	2.8	3.8	3.1	3.4	3.4	2.4	
Real-Ear Protection (dB)	12.9	19.5	23.5	27.3	27.1	35.0	32.9	34.3	37.0	

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