SM and SP Series

Smart Headsets for High Noise Environments

• Communication • Awareness • Protection •

Sensear's SM and SP series are the next generation of industrial communication headsets. Unlike other noise cancelling headsets, workers can now communicate face-to-face as well as through Bluetooth, two-way radio and headset-to-headset, via Sensear's Short Range. Our innovative SENS® technology allows users to remain aware of surrounding noises and hazards while it protects hearing.



SM1B

SENS® TECHNOLOGY • FACE-TO-FACE • TWO WAY

SM1B (IS)
INTRINSICALLY SAFE



SM1R

SENS® TECHNOLOGY • FACE-TO-FACE
TWO WAY RADIO POWERED
NO CHARGING REQUIRED

SM1R (IS)
INTRINSICALLY SAFE



SM1P / PW

SENS® TECHNOLOGY • FACE-TO-FACE • TWO WAY • BLUETOOTH • SHORT RANGE

SM1PW
WITHOUT CABLE (BT/SR ONLY)

SM1P (IS) / PW (IS)
INTRINSICALLY SAFE



SMARTGROUP

SENS® TECHNOLOGY • FACE-TO-FACE • SHORT RANGE • TWO WAY • BLUETOOTH • HIGH NOISE TOUR GROUP COMMUNICATIONS



SM1P-Ex

SENS® TECHNOLOGY • FACE-TO-FACE • TWO WAY • BLUETOOTH • SHORT RANGE
INTRINSICALLY SAFE

SM1P-ExDP / SM1P-ISDP

SENS® TECHNOLOGY • FACE-TO-FACE
TWO WAY • BLUETOOTH • SHORT RANGE
INTRINSICALLY SAFE
DOUBLE HEARING PROTECTION

SM1PW-(ExDP/ISDP)
WITHOUT CABLE (BT/SR ONLY)



SMARTPLUG

SENS® TECHNOLOGY • FACE-TO-FACE • TWO WAY
BLUETOOTH AND SHORT RANGE OPTIONS



SMARTPLUG R

SENS® TECHNOLOGY • FACE-TO-FACE • TWO WAY
DETACHABLE EARBUD ASSEMBLY
TWO WAY RADIO POWERED
NO CHARGING REQUIRED

SMARTPLUG R (IS)
INTRINSICALLY SAFE

Sensear
Hear Speech Stay Protected

SENS
TECHNOLOGY by Sensear

Features and Benefits

360° Situational Awareness	STANDARD
Protects Hearing	STANDARD
Electronic Volume Limiter	STANDARD
Face to Face Communication	STANDARD
Short Range Communication	SM1P / SM1P (IS) SM1PW / SM1PW (IS) SM1P-Ex / SM1PW-Ex smartPlug Full SM1P/PW (ISDP/ExDP) SMARTGROUP
Bluetooth	SM1P / SM1P (IS) SM1PW / SM1PW (IS) SM1P-Ex / SM1PW-Ex smartPlug Full SM1P/PW (ISDP/ExDP)
Two-way Radios	STANDARD (with exception of SM1PW / SM1PW (IS) / SM1PW (Ex) and Student headsets)
Intrinsically Safe	SM1P (IS) SM1PW (IS) SM1B (IS) smartPlug R (IS) SM1P-Ex / SM1PW-Ex SM1R (IS) SM1P/PW (ISDP/ExDP)

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.



Wearing Styles

Headband (HB)



Helmet Mount (HM)



Behind-the-neck (BTN)



Noise is Everywhere









IS - Intrinsically safe versions certified to: TIA-4950-A, CSA C22.2 No. 157.92, & UL 913 5th Edition with a hazardous location rating of Class I, II, III, Division 1 & 2, Groups A-G, T4 (-20°C ≤ Ta ≤ +40°C); T3C (-20°C ≤ Ta ≤ +50°C)

Ex - Intrinsically safe versions certified to: ATEX & IECEx
II 2G Ex ib IIC T4 Gb (-20°C ≤ Ta ≤ +40°C)
II 2D Ex ib IIIC T155°C Db (-20°C ≤ Ta ≤ +40°C)
I M1 Ex ia I Ma (-20°C ≤ Ta ≤ +60°C)
Cl I Div 1 Grp A-D, T4 (-20°C ≤ Ta ≤ +40°C)
Cl I, Zn 1, AEx ib IIC T4 Gb (-20°C ≤ Ta ≤ +40°C)
Cl I, Zn 21, AEx ib IIIC T155°C Db (-20°C ≤ Ta ≤ +40°C)

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Hear Speech Stay Protected