

# SMP-1000

SMP-1000 is a remote speaker microphone design for heavy-duty applications.

The high-quality speaker and microphone used for this product give the best audio performance for radio users.

1) 360° revolving metal clip: Finely designed to be securely worn to users' clothing; highly durable, and is removable.

2) Optional buttons :

The 2 plastic buttons on the top of the speaker microphone allow users to integrate functions such as emergency call into the product.

This design allows flexibility to make different designs in circuits to cope with different work demands.

3) Audio jack:

An optional 3.5mm jack is available allow use of external earphones.



<b>Microphone:</b>	
Directivity	Omnidirectional
Sensitivity	-38 ± 3dB Vs=2.0V RL=1K Ω
Frequency	20~16,000Hz
Working voltage	Max 10V
Current consumption	Max 0.5mA
S/N Ratio	More than 58dB
<b>Speaker</b>	
Magnet	Materials NDFEB Size- φ 12.5X1.5 mm
Nominal impedance	16 Ohm ± 15% At 800 Hz/1.0V
Power rating	Normal 1.0W Maximum 2.0W
Lowest resonant frequency	550 ± 150 Hz
Output sound pressure level (S.P.L)	85 ± 3dB/1.0watt 0.5meter (Secundum IEC-268-5 statute.) Average at 1000, 1200, 1500, 2000 Hz
Frequency range	400 ~ 20,000 Hz. Average SPL-10dB
Distortion	5% Maximum at 800 Hz. 1.0W.
Abnormal sound test	Must be normal tested by 4.0 Volts. Sine wave.

