

Piezoelectric Speaker

KSN 1212A Alarm Speaker Datasheet

Applications

Specific Applications	<ul style="list-style-type: none"> - SODAR (Wind Profiling) - LRAD Long Range Acoustic Device - Automotive, Aircraft, Trains, Ships - Radios - Medical Equipment - High Fidelity Sound Reproduction - Bioacoustics - Alarms/Alerts - Transducer - Pest Repellent (Rodents, Birds, etc.)
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KSN1212A



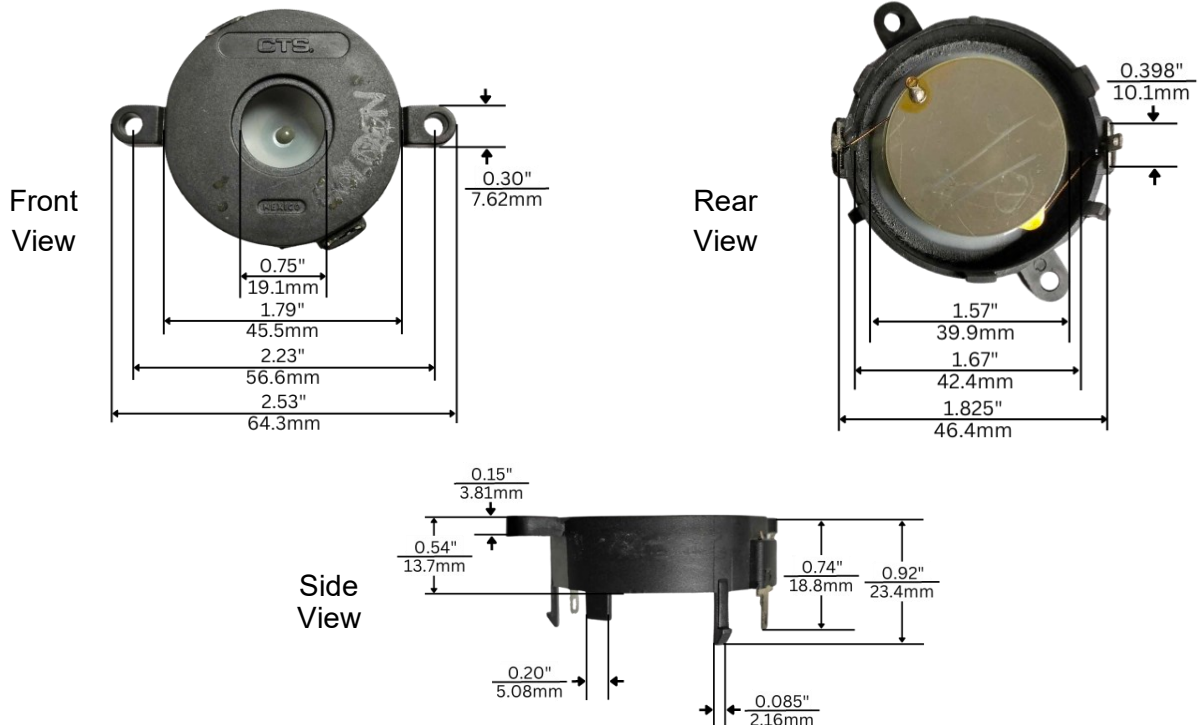
Features

1. Low power consumption
2. High sensitivity
3. Withstand harsh environment

Packaging Information

Specifications	Standard Packing Quantity	Gross Weight
14"x15"x19"	432 pcs	8.12 kgs

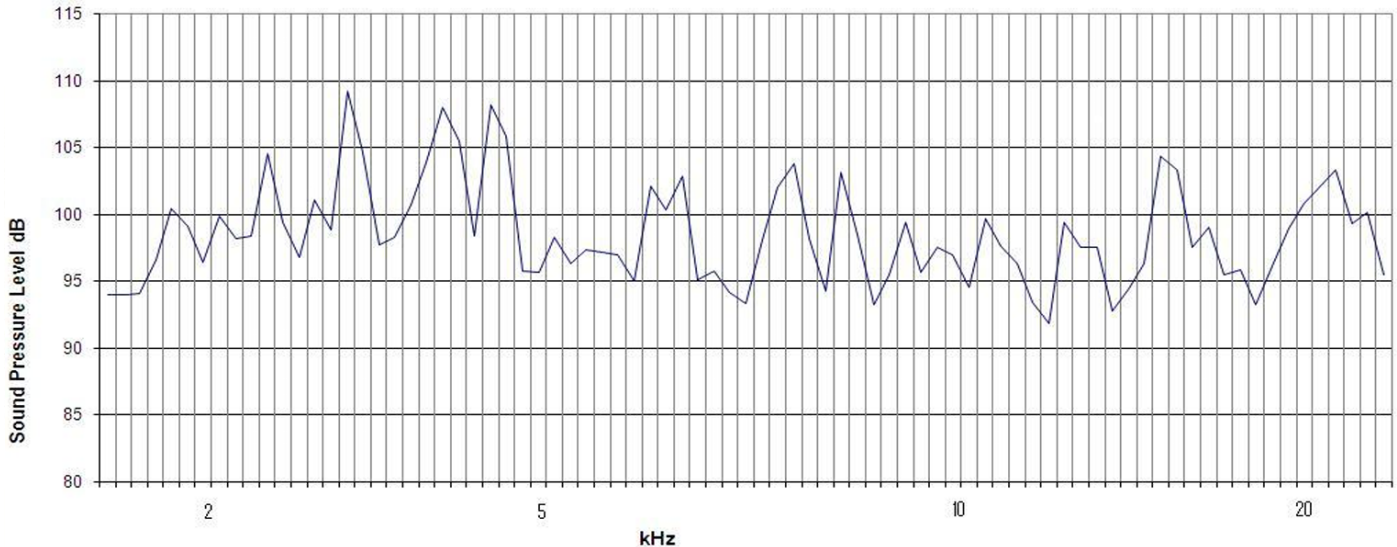
Appearances and Dimensions



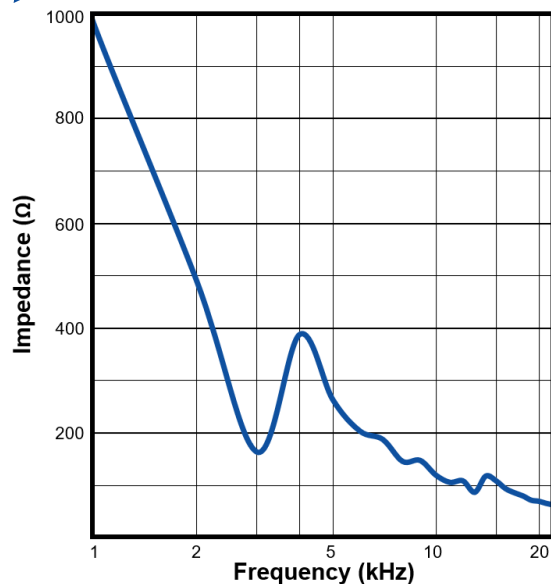
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Frequency Response



Impedance Plot



Specifications

Frequency Response	2.2kHz to 4kHz
Average Sensitivity	110dB at 1ft/12.0V
Drive Voltage (Continuous)	50V P-P Square Wave (with 20Ω Series Resistor) 85V P-P Sine Wave
Temperature Range	80°C -40°C to 105°C at 95% R.H.
Typical Impedance	Appears as a 0.21μF capacitor
Weight	11g

Warning: A 30-ohm series resistor is recommended to assure stability of extended range amplifiers and preclude hazard of burnout.

Warning: Do not operate at continuous high voltage. At frequencies below 20 kHz, daily sound pressure exposures in excess of one hour at 105 dB may lead to hearing impairment.