

Piezoelectric Speaker

KSN 1001A Super Horn 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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KSN1001A



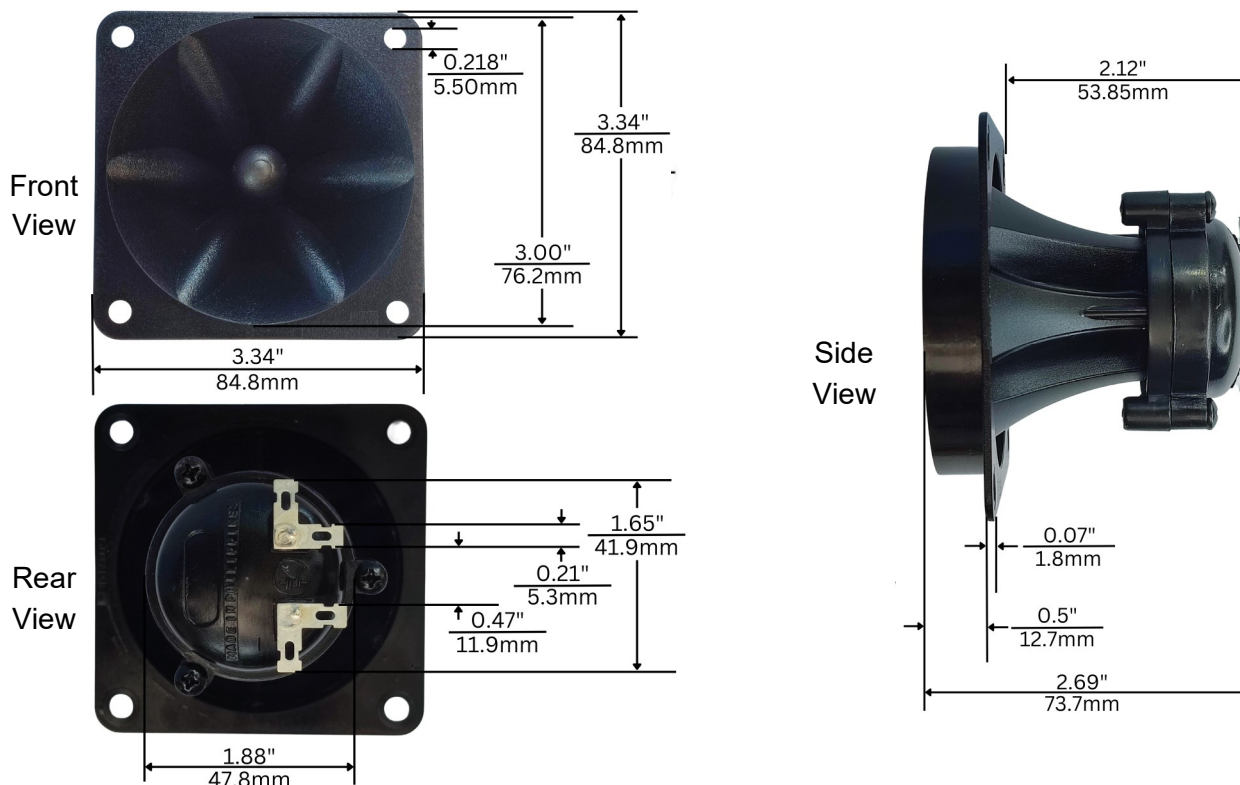
Features

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

Packaging Information

Specifications	Standard Packing Quantity	Gross Weight
14"x15"x19"	100 pcs	8.18 kgs

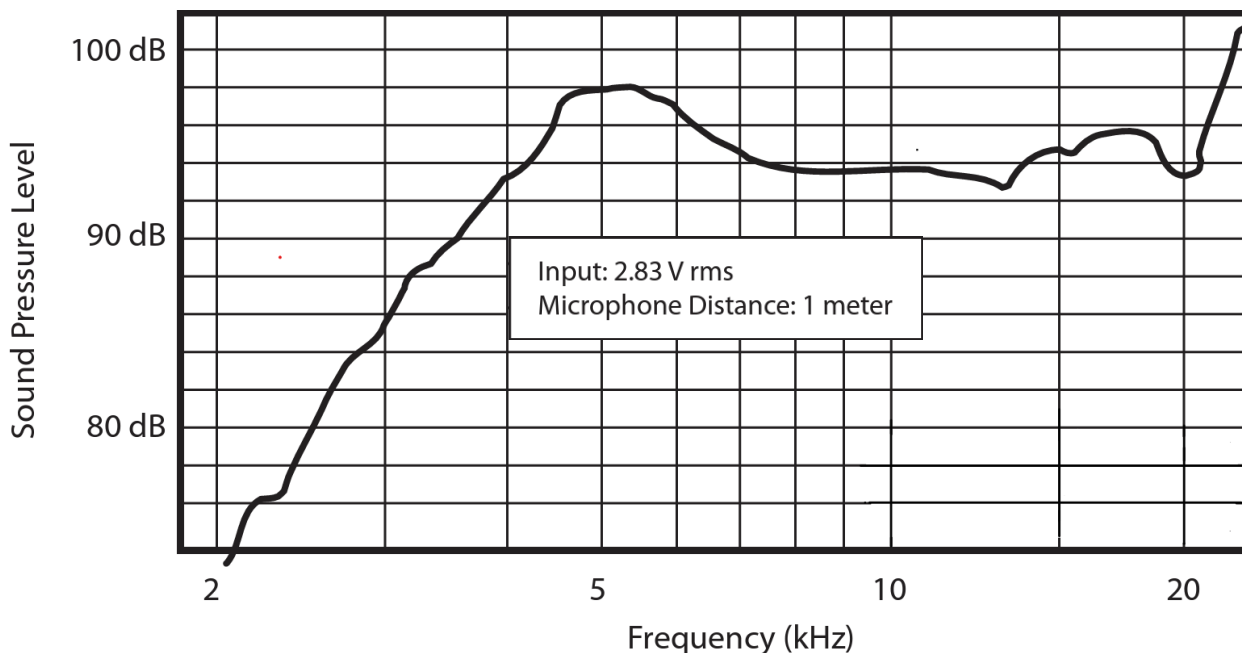
Appearances and Dimensions



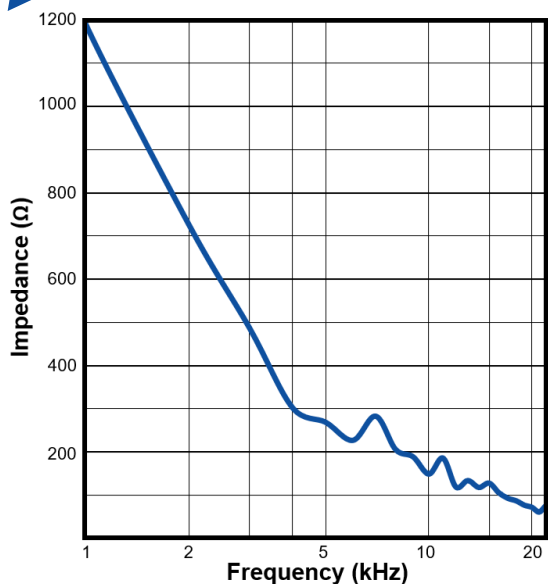
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Frequency Response



Impedance Plot



Specifications

Frequency Response	4kHz to 20kHz
Average Sensitivity	94 dB at 1m/1W
Maximum Power Handling Capacity	75W (EIA RS426) 8 Ω system reference
Maximum Voltage	15 Vrms continuous 35 Vrms intermittent
Maximum Temperature	80°C
Typical Impedance	Appears as a 0.13 μ F capacitor
Weight	58g

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.