Piezoelectric Speaker

Piezo Source
www.piezosource.com

KSN 1056A Exponential Horn Datasheet

Applications

Specific Applications	- 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.)

KSN1056A

Features

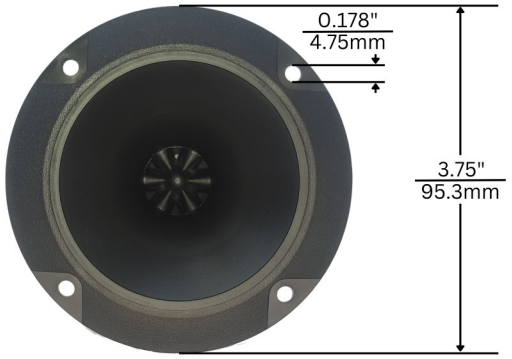
1. Low power consumption
2. High sensitivity
3. Withstand harsh environment

Packaging Information

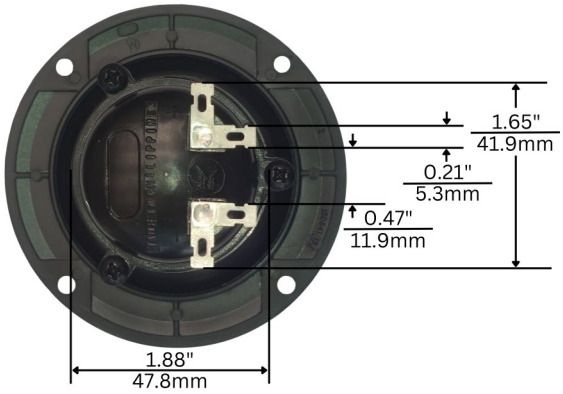
Specifications	Standard Packing Quantity	Gross Weight
14”x15”x19”	100 pcs.	8.40 kgs

Appearances and Dimensions

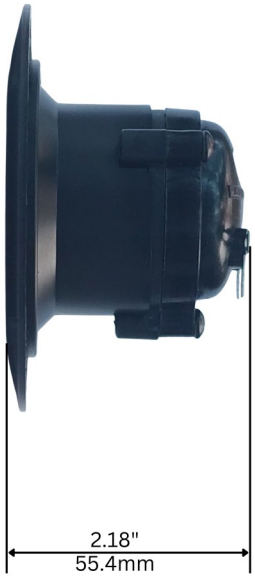
Front View



Rear View



Side View



Address: 250 East Gish Rd. San Jose, CA 95112
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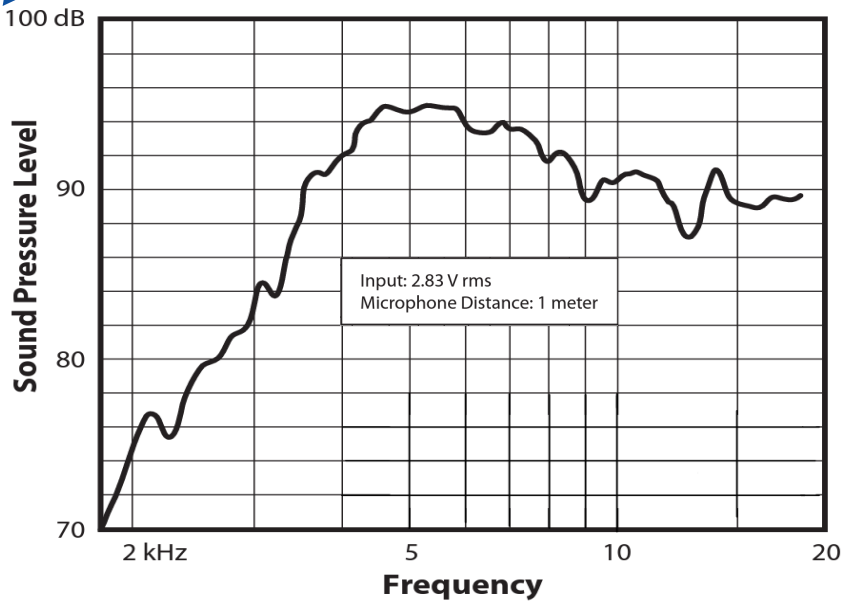
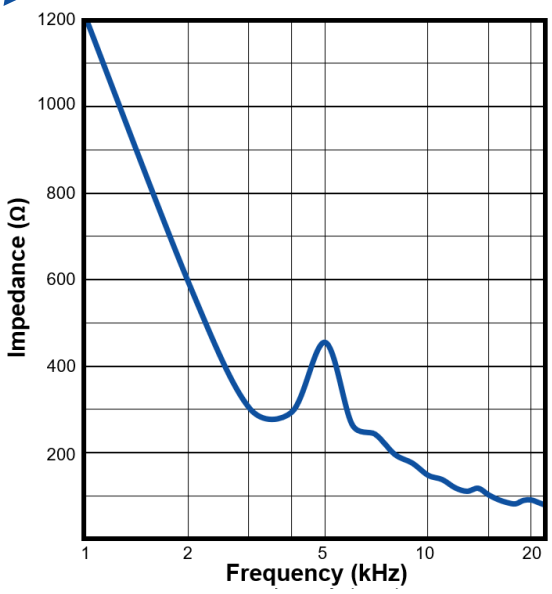
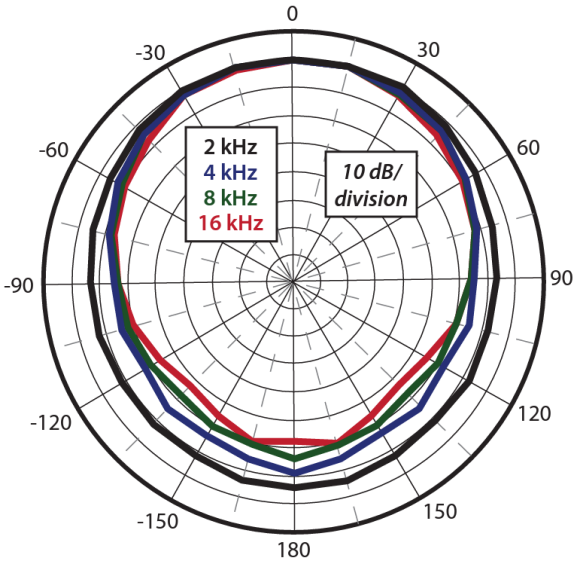
Frequency Response



Impedance Plot



Polar Response



Specifications

Frequency Response	4kHz to 27kHz
Average Sensitivity	90 dB at 1m/1W
Maximum Power Handling Capacity	100W (EIA RS426) 8Ω system reference
Maximum Voltage	15 Vrms continuous 35 Vrms intermittent
Maximum Temperature	80°C
Typical Impedance	Appears as a 0.13μF capacitor
Weight	60g

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.

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