

# Piezoelectric Speaker

## KSN 1156A Direct Radiating Tweeter Datasheet

### Applications

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

### KSN1156A



### 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	7.62 kgs

### Appearances and Dimensions

Front View



Rear View



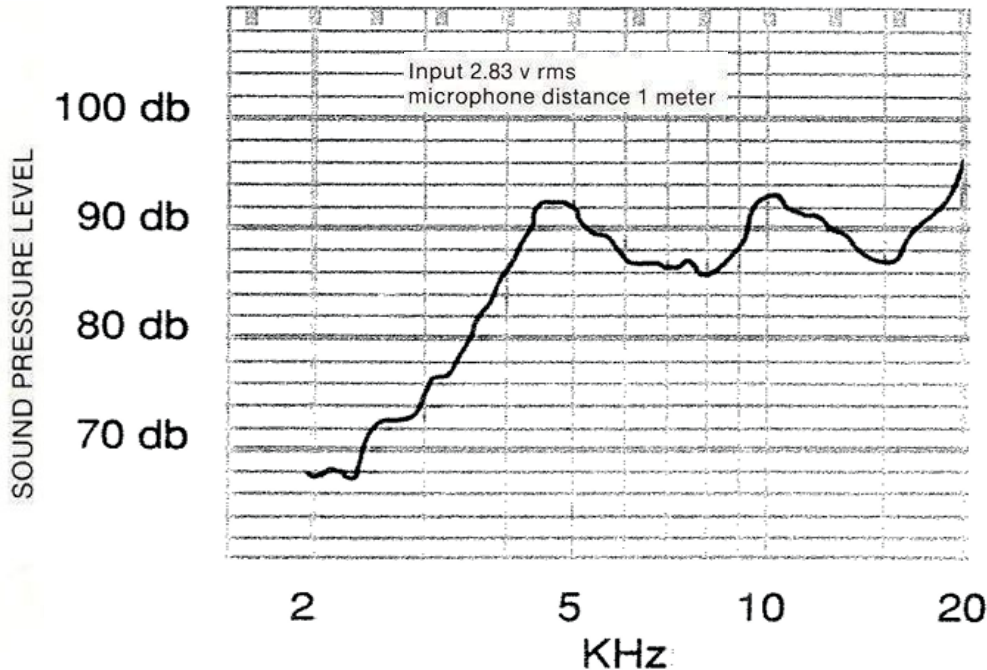
Side View



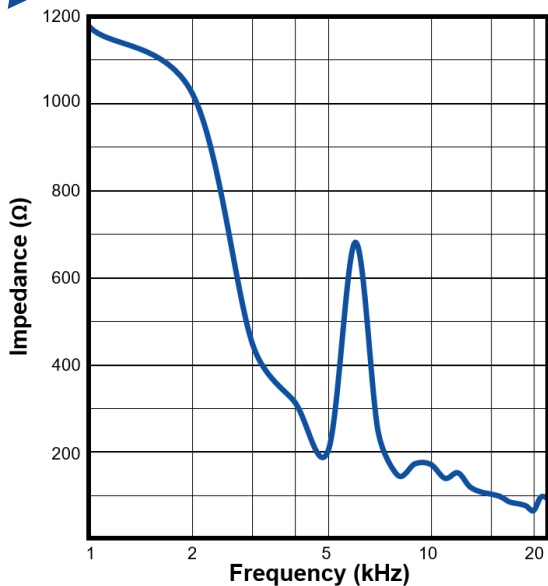
# Piezoelectric Speaker

## KSN 1156A Direct Radiating Tweeter Datasheet

### Frequency Response



### Impedance Plot



### Specifications

Frequency	6kHz to 50kHz
Average	89dB at 1m/1W
Maximum Power Handling Capacity	50W (EIA RS426) 8Ω system reference
Maximum	80°C
Typical Impedance	Appears as a 0.15μF capacitor in a 30Ω resistor
Weight	9g

**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.