



Piezo Ceramic Speakers

Automotive Surface Mount Tweeter

KSN 1192A - Bulk Pack

KSN 1193A - Retail Pack

The KSN 1192A/1193A surface mount tweeter combines excellent sensitivity with an extended range of response from 5 kHz to 30 kHz. The tweeters are built with an automotive grade ABS plastic combined with a high impact metal screen allowing for maximum performance in environmental extremes such as shock, vibration, and temperature commonly encountered in automotive applications.

The typical automotive amplifier requires no series resistor. However, for extended range amplifiers a $35\ \Omega$ to $75\ \Omega$ series resistor should be used. In addition, no crossover network is required.

All mounting hardware and 3 ft of wire are included.



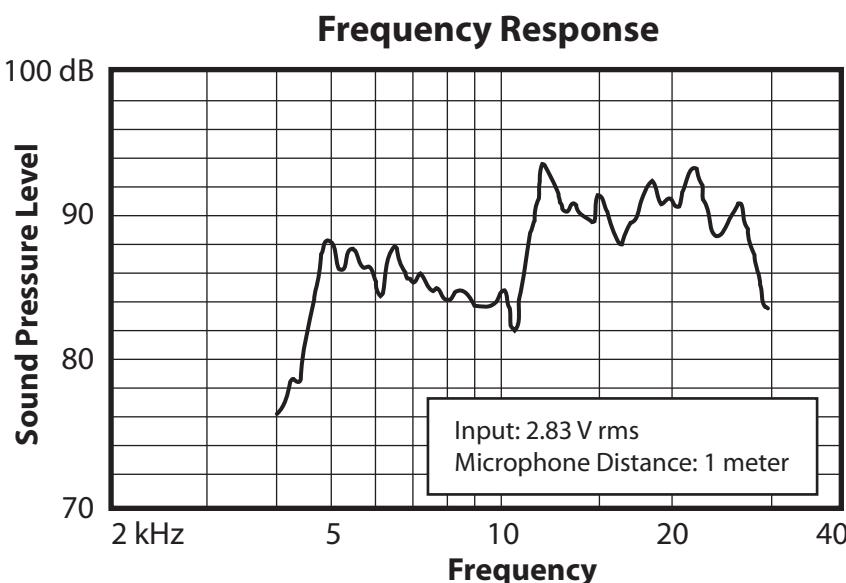
KSN 1192A/1193A Specifications

Frequency Response: 5 kHz to 30 kHz

Average Sensitivity: 88 dB at 1m/1W

Maximum Power Handling Capacity: 50 W (EIA RS426)
(8 Ω system reference)

Typical Impedance: Appears as a 0.13 μ F capacitor



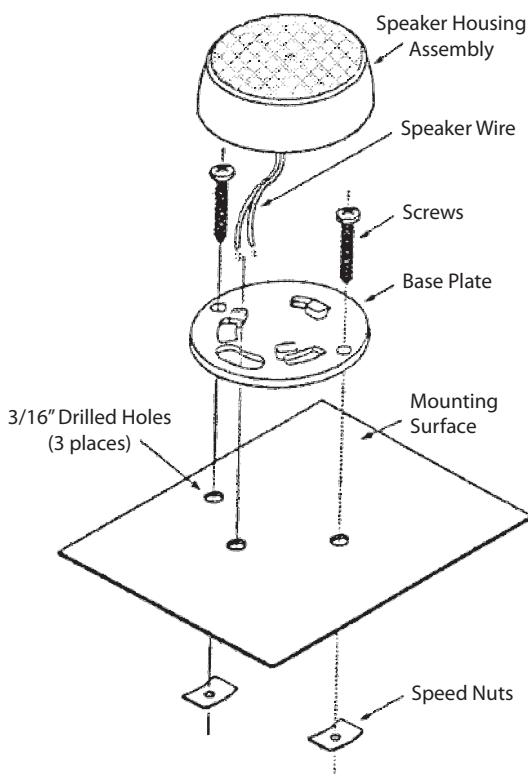
Piezo Source

www.piezosource.com

250 East Gish Rd
San Jose, CA 95112
Phone: 408-487-1700
Fax: 408-487-1707
Email: sales@piezosource.com



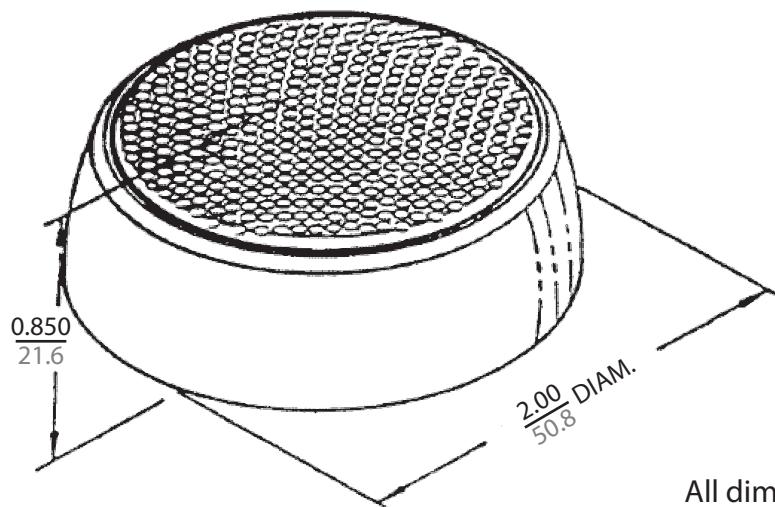
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KSN 1192A/1193A Installation Instructions

1. Turn the base plate counterclockwise to remove the housing.
2. Use the base plate as a template. Locate it in the desired position (a flat surface is recommended as a non-flat surface may damage the base plate).
3. With the base plate held firmly in place, use a pencil or felt marker to mark the two holes for the screws and the middle hole for the speaker wire.
4. Remove the base plate and drill three holes as marked with a 3/16" drill bit.
5. Use the two screws and speed nuts to mount the base plate to the surface as indicated in the drawing.
6. Insert the speaker wire through the middle hole and take out the slack.
7. Place the speaker housing onto the base plate and turn clockwise to lock into place.
8. Connect copper-colored lead wire to amplifier positive output and silver-colored lead to negative output.

KSN 1192A/1193A Dimensions



Weight: 18.2 grams

All dimensions are in inches
millimeters

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