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Loudspeakers - Component

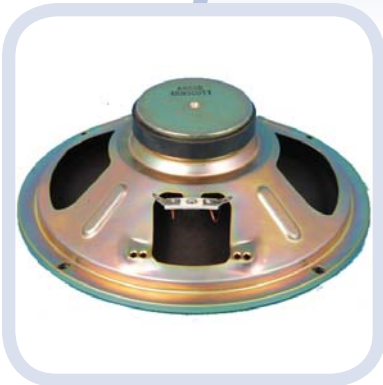


# A860E

8" Round Dual Cone Loudspeaker,  
12 Watt, 6 Oz.

## FEATURES

- 8" Round Dual Cone Loudspeaker
- Built-in Transformer Mounting Facilities On Back Of Speaker
- Treated Paper Edge, Efficient Design
- Smooth Extended Frequency Response



<b>POWER:</b>	12 Watts R.M.S.
<b>FREQUENCY RESPONSE:</b>	100 - 14,000 Hz. +/- 5dB
<b>INPUT:</b>	8 Ohm, optional line matching transformers available
<b>TRANSFORMER TAPS:</b>	Optional, see chart below
<b>SENSITIVITY:</b>	92dB (1W1M) Average over given frequency response
<b>DIMENSIONS:</b>	8-1/6"(20.5cm) round, 2-3/4"(7.0cm) deep
<b>DISPERSION ANGLES:</b>	-3dB down at 40 degrees, -6dB down at 100 degrees
<b>DISTORTION:</b>	3.5% max over rated frequency response

The A860E is a very high quality 8" paper coned loudspeaker. It's applications are primarily for 4 - 10 watt (with transformer) low power systems, where an average type of sound is required. The 6oz. magnet in conjunction with the 1" voice coil make an ideal voice quality speaker. This speaker can be used in hall ways, open ceiling concept office, shopping areas, and basically wherever a maximum 20 foot high ceiling is considered. This speaker can be factory fitted with a variety of transformers (see chart below). These transformers are sold separately.

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**SPECIFICATIONS**

**ARCHITECTS AND ENGINEERS SPECIFICATIONS**

The loudspeaker shall be AEG Model A860E. The unit shall be an eight inch, permanent magnet, dual cone type using a 6oz. oriented ferrite magnet, producing a minimum gap flux density of 9,500 Gauss. The voice coil diameter shall be one inch, and have an impedance of 8 ohms. The continuous power rating shall be 12 watts, and the uniform frequency range shall be from 100-14,000 Hertz. The minimum axial sensitivity shall be 93 dB.(at 1m with 1 watt input). The depth of the loudspeaker shall not exceed 7 cm (2.75"). The A860E shall be used wherever an economical eight inch loudspeaker is recommended.

SPEAKER / TRANSFORMER COMBINATIONS AVAILABLE						
Model Number	Transformer	Transformer Voltage	Transformer Max. Power	Transformer Power taps (Watts)	Transformer Frequency Response	Insertion Loss
86-255L	A25-5L	25V CT	4W	0.25, 0.5, 1, 2, 4	±1.0dB. 100 - 10kHz.	1.5dB.
86-7025L	A7025-5L	70.7 / 25V	5W	0.32, 0.54, 1.25, 2.5, 5	±1.0dB. 100 - 10kHz.	1.5dB.
86-704	A70-4	70.7V	4W	0.25, 0.5, 1, 2, 4	±1.0dB. 100 - 10kHz.	1.0dB.