



www.arnscott.com

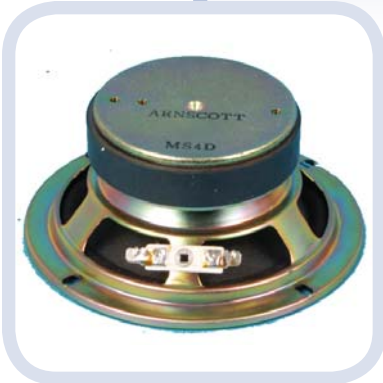


MS4D

5" Round Loudspeaker,
15 Watt, 10 Oz.

FEATURES

- 5" Round Loudspeaker
- Built-in Transformer Mounting Facilities On Back Of Speaker
- Cloth Rolled Edge for Longevity, Efficient Design
- Smooth Extended Frequency Response



POWER:	15 Watts R.M.S.
FREQUENCY RESPONSE:	110 - 12,000 Hz. +/- 5dB
INPUT:	8 Ohm, optional line matching transformers available
TRANSFORMER TAPS:	Optional, see chart below
SENSITIVITY:	92dB (1W1M) Average over given frequency response
DIMENSIONS:	5-1/8"(13.0cm) round, 2-1/4"(5.7cm) deep
DISPERSION ANGLES:	-3dB down at 64 degrees, -6dB down at 140 degrees
DISTORTION:	3.5% max over rated frequency response

The MS4D is a very high quality 5" cloth rolled, paper coned loudspeaker. It's applications are primarily for 4 - 10 watt low power systems, where a better type of sound is required. The 10oz. magnet in conjunction with the 1" voice coil make an ideal quality speaker. This speaker can be used in board rooms, hall ways, open ceiling concept office and 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.

MS4D

SPECIFICATIONS

ARCHITECTS AND ENGINEERS SPECIFICATIONS

The loudspeaker shall be AEG Model MS4D. The unit shall be a 5 inch, permanent magnet, cloth rolled, paper cone type using a 10oz. oriented ferrite magnet, producing a minimum gap flux density of 10,500 Gauss. The voice coil diameter shall be one inch, and have an impedance of 8 ohms. The continuous power rating shall be 15 watts, and the uniform frequency range shall be from 110-12,000 Hertz. The minimum axial sensitivity shall be 92dB.(at 1m with 1 watt input). The depth of the loudspeaker shall not exceed 5.7cm (2-1/4"). The AEG MS4D shall be used wherever a smooth response, extended range 5" loudspeaker is recommended.

SPEAKER / TRANSFORMER COMBINATIONS AVAILABLE						
Model Number	Transformer	Transformer Voltage	Transformer Max. Power	Transformer Power taps (Watts)	Transformer Frequency Response	Insertion Loss
410-255L	A25-5L	25V CT	4W	0.25, 0.5, 1, 2, 4	±1.0dB. 100 - 10kHz.	1.5dB.
410-7025L	A7025-5L	70.7 / 25V	5W	0.32, 0.54, 1.25, 2.5, 5	±1.0dB. 100 - 10kHz.	1.5dB.
410-704	A70-4	70.7V	4W	0.25, 0.5, 1, 2, 4	±1.0dB. 100 - 10kHz.	1.0dB.
410-708	A70-8	70.7V	8W	1, 2, 4, 8	±1.0dB. 45 - 15kHz.	0.6dB.