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Loudspeakers - Component



# CO410

**5" Round Coaxial Loudspeaker, 15 Watt, 10 Oz.**

## FEATURES

- 5" round coaxial loudspeaker
- Built-in transformer mounting facilities on back of speaker
- Compliant foam edge for lower frequency enhancement
- Resin Impregnated Cone, Smooth extended frequency response
- Pole mounted tweeter produces a loudspeaker with low distortion



<b>POWER:</b>	15 Watts R.M.S. (On 8-Ohm setting)
<b>FREQUENCY RESPONSE:</b>	110 - 20,000 Hz. +/- 5dB
<b>INPUT:</b>	8 Ohm, optional line matching transformers available
<b>TRANSFORMER TAPS:</b>	Optional, see chart below
<b>SENSITIVITY:</b>	89dB (1W1M) Average over given frequency response
<b>DIMENSIONS:</b>	5-3/16"(13.2cm) round, 2-3/8"(6.0cm) deep
<b>DISPERSION ANGLES:</b>	-3dB down at 64 degrees, -6dB down at 140 degrees
<b>DISTORTION:</b>	3.5% max over rated frequency response

Arnsco's C41 Series Coaxial Speaker assemblies are the perfect match for high quality voice / music communications in better quality commercial installations such as conference and board rooms, shopping malls, train stations, concourses, airports, subways, convention facilities, or for any commercial or residential area that is requiring a much higher quality sound in their voice / background music communication system. All Arnsco speaker units are thoroughly tested and manufactured as if they were being used for voice fire applications, ensuring high quality.



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## SPECIFICATIONS

## ARCHITECTS AND ENGINEERS SPECIFICATIONS

The ARNSCOTT models C41 SERIES of speaker assemblies consist of an 13cm (5") coaxial type loudspeaker (10 oz. Magnet) open back speaker housing for better speaker sound reproduction, complete with a high fidelity line matching transformer and baffle of choice. The all steel speaker baffle is finished in an off white powder paint. The optional terminal block shall be the dual segment type to allow in-out wiring down to 12 gauge wire size. The cone of this loudspeaker is resin impregnated, and the tweeter cone is resin, giving this loudspeaker a degree of water resistance from the face. The frequency response of the speaker shall be 110 Hz to 20 kHz., +/- 5dB. when used with the appropriate AEG back box. The efficiency of this speaker shall be 89 db 1W/1M. The 70.7 Volt transformer shall be of the line matching type, with multiple tap selections. ARNSCOTT Models C41 SERIES PROFESSIONAL SERIES LOUDSPEAKER UNITS shall be used wherever higher quality, wide frequency response, higher SPL output type commercial speaker units are specified.

SPEAKER / TRANSFORMER COMBINATIONS AVAILABLE						
Model Number	Transformer	Transformer Voltage	Transformer Max. Power	Transformer Power taps (Watts)	Transformer Frequency Response	Insertion Loss
C41-704	A70-4	70.7V	4W	0.25, 0.5, 1, 2, 4	±1.0dB. 100 - 12kHz.	0.6dB.
C41-708	A70-8	70.7V	8W	1, 2, 4, 8	±1.0dB. 45 - 15kHz.	0.6dB.