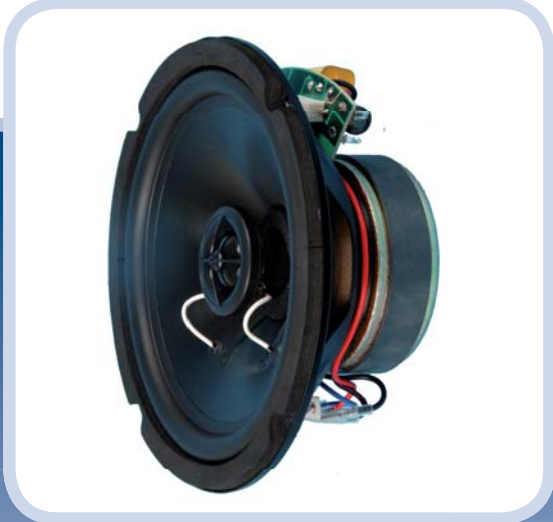




www.arnscott.com



C0850

8" Round Coaxial Loudspeaker, 40 Watt, 30 Oz.

FEATURES

- 8" round coaxial loudspeaker
- Built-in transformer mounting facilities on back of speaker
- Compliant butyl rubber cone edge for lower frequency enhancement
- High powered, wide, wide frequency range loudspeaker
- Pole mounted tweeter produces a loudspeaker with low distortion



POWER:	40 Watts R.M.S. (On 8-Ohm setting)
FREQUENCY RESPONSE:	85 - 20,000 Hz. +/- 5dB
INPUT:	8 Ohm, optional line matching transformers available
TRANSFORMER TAPS:	Optional, see chart below
SENSITIVITY:	89dB (1W1M) Average over given frequency response
DIMENSIONS:	8-1/4"(20.8cm) round, 3-3/4"(9.5cm) deep
DISPERSION ANGLES:	-3dB down at 40 degrees, -6dB down at 100 degrees
DISTORTION:	3.5% max over rated frequency response

Arnsco's C85 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, airports, concourses, 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.

CO850
8" Round Coaxial Loudspeaker
40 Watt, 30 oz.

CO850

SPECIFICATIONS

ARCHITECTS AND ENGINEERS SPECIFICATIONS

The ARNSCOTT models C85 SERIES of speaker assemblies consist of an 20cm (8") coaxial type loudspeaker (30 oz. Magnet) open back speaker housing for best sound reproduction, complete with a high fidelity line matching transformer and baffle of choice. The voice coil on this speaker shall be 1-1/2" in diameter for better power handling. The all steel speaker baffle is finished in an off white powder paint. The frequency response of the speaker shall be 85 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 C85 SERIES PROFESSIONAL SERIES LOUDSPEAKER UNITS shall be used wherever higher quality, high power, music quality frequency response and 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
C85-716	A70-16	70.7V	16W	2, 4, 8, 16	±1.0dB. 45 - 15kHz.	0.6dB.
C85-730	A70-30	70.7V	30W	7.5, 15, 30	±1.0dB. 85 - 15kHz.	0.6dB.

Note: A70-30 does not fit directly onto the speaker