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Loudspeaker Devices



Vandal Resist V8 86 / C81 Series

8" Round Dual Cone or Coaxial Loudspeaker, Designed for Vandal Resistant areas

FEATURES

- Arnscott V8 Series of 8" Vandal Resistant Speaker Assemblies
- Vandal Resistant, Heavy Gauge Steel, Powder Coated White Baffle
- Stainless Steel Woven Screen, Heavy Gauge, Installed behind the baffle makes it almost impossible to puncture the Loudspeaker
- Vandal Resistant Mounting Hardware Included - Recessed Head for More Security
- 8" Round Dual Cone or Coaxial Loudspeaker
- Built-in Audio Transformer, 70.7V, 4 or 8 Watt.
- Rugged High Temperature Voice Coil
- Smooth Voice Quality or Extended Frequency Response(Coaxial)
- Pole Mounted Tweeter on the Coaxial Produces a Loudspeaker with Low Distortion
- The V8 Series is designed to be used in Court Rooms, Court Holding Rooms, Jails, Prisons, Public Washrooms, Subways, or areas in which vandalism to the loudspeaker assembly is an issue.





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8V - Vandal Resistant

8" Round Dual Cone or Coaxial Loudspeaker, 70Volt, 4 or 8 Watt Audio Transformer, Square Vandal Resistant Baffle

Vandal Resistant

SPECIFICATIONS

POWER:	12 Watt, 15 Watt R.M.S. (Coaxial)(On 8-Ohm setting)
FREQUENCY RESPONSE:	100 - 14kHz, 80 - 16kHz(Coaxial) +/- 5dB (As an assembly)
INPUT:	70.7 Volt Audio Line matching Transformer
TRANSFORMER TAPS:	4W / 8W - See chart below
SENSITIVITY:	93dB (1W1M) Average over given frequency response
DIMENSIONS:	8-1/16"(20.5cm) round, 3-1/8"(7.7cm) deep
DISPERSION ANGLES:	-3dB down at 75 degrees, -6dB down at 110 degrees
DISTORTION:	3.5% max over rated frequency response

GENERAL INSTALLATION INFORMATION

Model Number	Speaker Voltage (RMS)	Power Taps (WATTS)	Mounting Configurations		Baffle Shape	Vandal Resist	Max SPL SPL - 1M (dB)
			Recessed	Surface			
Speaker Devices With White Baffle							
86-704-23	70.7	¼, ½, 1,2,4	E23	SE23	S	Y	99
86-704-49	70.7	¼, ½, 1,2,4	E23	SE23	S	N	99
C81-704-23	70.7	¼, ½, 1,2,4	E23	SE23	S	Y	98
C81-704-49	70.7	¼, ½, 1,2,4	E23	SE23	S	N	98
C81-708-23	70.7	1,2,4,8	E23	SE23	S	Y	101
C81-708-23	70.7	1,2,4,8	E23	SE23	S	N	101

Baffle Shape S = Square
 86 = A860E Loudspeaker
 C81 = CO810 Loudspeaker
 704 = A70-4 Transformer
 708 = A70-8 Transformer
 23 = G23W Vandal Resistant Baffle
 49 = G49W Standard Square Baffle
 See Individual Specification sheets for more detail

ARCHITECTS AND ENGINEERS SPECIFICATIONS

The Arnscott 8V Series of Vandal Resistant Loudspeaker Assemblies are designed for installations which require a good level of protection for both the loudspeaker, and the actual baffle itself. The CO810 (C81 Code) is a high quality, 8" 10oz. 15W RMS coaxial loudspeaker. The A860E (86 Code) is a voice quality, 8" 6oz. 12W RMS dual cone loudspeaker. The V8 Series is designed to be used in Court Rooms, Court Holding Rooms, Jails, Prisons, Public Washrooms, Subways, or areas in which vandalism to the loudspeaker assembly is an issue. This speaker assembly is of High Quality. The V8 Series is complete with 70V Audio Transformer, either 4 or 8 watt maximum power. The V8 Series shall mount flush to Arnscott Model E23 Back Box, or SE23 Back Box for surface conditions. The SE23 back box is made of heavy gauge steel, powder coated white. Custom colours are available upon request.