

Horns and Drivers

High Performance System Components



APPLICATIONS

- Paging systems
- Sports venues
- Performing arts
- Houses of worship

FEATURES

- Precise horizontal and vertical pattern control maintains consistent on and off-axis frequency response
- High Q design provides increased intelligibility over distance
- Strong, lightweight, non-resonant, weather-resistant fiberglass construction

COMPRESSION DRIVERS

Community drivers feature the capability of truly pistonic operation from 200 Hz to 18 kHz. They utilize sophisticated carbon fiber and mylar diaphragms inherently free of cone breakup and ring modes, and long excursion mylar suspensions with superior flexural and tensile strength. Low compression designs avoid distortion from air non-linearities at high power, while large magnet structures exhibit high efficiency and better cooling. Community drivers are designed with high mechanical and thermal limits, with many employing Ferrofluid-cooling, a Community first.

Model	Operating Range	Power Amp	Max Avg SPL*	Exit (inches)	Diaphragm Diameter (inches)	Compression Ratio	Impedance	Diameter x Depth
M200	400 Hz - 8 kHz	200W	129 dB	2"	2.2"	1.84:1	8 ohms	152 x 51 mm
M4	200 Hz - 4 kHz	500W	137 dB	4"	6.5"	5:1	8 ohms	318 x 229 mm

MID/HIGH FREQUENCY HORNS AND BASS HORNS

Community mid/high frequency horns are one-piece, hand-laminated fiberglass with integral throats and driver flanges. Precision molding provides predictable pattern control. Balsa wood is embedded at critical points, creating extremely strong double-wall construction. Optional mounting accessories are available for ease of installation. All horns are fully weather-resistant, non-resonant, and highly durable. Full horn loading provides superior efficiency and transient response, while stacking multiple units improves vertical directivity.

Model	Operating Range	Entrance	Driver	Dispersion H x V	Dimensions H x W x D
PC1542M/PCMX	200 Hz - 2.5 kHz	4"	M4	40° x 20°	1118 x 1118 x 1403 mm
PC1564M/PCMX	200 Hz - 2.5 kHz	4"	M4	60° x 40°	1118 x 1118 x 1041 mm
PC1594M/PCMX	200 Hz - 2.5 kHz	4"	M4	80° x 40°	1118 x 1118 x 1041 mm
PC242	400 Hz - 20 kHz	2"	M200	45° x 20°	584 x 724 x 1092 mm
PC264	400 Hz - 20 kHz	2"	M200	60° x 40°	584 x 724 x 650 mm
PC294	400 Hz - 20 kHz	2"	M200	90° x 40°	584 x 724 x 650 mm
SH494	400 Hz - 8 kHz	2"	M200	80° x 50°	432 x 584 x 328 mm