The PC242 horn is designed by Community to function as a midrange horn in a multi-way component system, or as a stand-alone, high power paging horn. Mated with a Community M200 or other 2 inch exit driver it will provide focused, extremely high output sound projection, with predictable performance and exceptional long term durability for professional sound reinforcement systems. Performance data for Community horns is well documented, providing the designer and consultant with highly predictable and consistent coverage patterns for system design.

Each horn is a handcrafted, one-piece, precision waveguide, precision molded in hand-laminated, fiber-reinforced fiberglass. Balsa wood is embedded in the sidewalls for non-diaphragmatic, resonant-free operation. With substantial fiberglass layering and integral throat and driver flange construction, Community horns are built to withstand the torque loads of the heaviest compression drivers. Their inherent strength and rigidity enhances sonic efficiency by preventing sound energy losses through the horn walls or from vibration. Community fiberglass horns are inherently weather-proof under all conditions of use. There is a five year warranty.
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ARCHITECTS' AND ENGINEERS' SPECIFICATIONS
The horn shall be a 2 inch throat entrance, Pattern Control, mid / high frequency device. It shall be made as one piece using hand-laminated fiberglass, with double wall constructions formed by resin-encapsulated, sandwich core wood. It shall include an integral rear flange for mounting a 2 inch exit compression driver and a flat, front flange to facilitate mounting. The usable operating range shall be from 400 Hz to 20 kHz with nominal -6 dB beamwidths of 45° horizontal, deviating no more than +11° / -14° between 630 Hz and 16 kHz, and 20° vertical, deviating no more than +8° / -1° between 1.6 kHz and 16 kHz. The horn shall be 23 in. (584 mm) H x 28.5 in. (724 mm) W x 43 in. (1092 mm) D, and weigh 27 lb. (12.2 kg).

Specifications subject to change without notice.