ENT203 TWO-WAY, COMPACT COLUMN ARRAY LOUDSPEAKER

SPECIFICATIONS

Loudspeaker Type:	Two-way, compact column array loudspeaker, 16 ohm or 70V/100V operation
Operating Range:	150 Hz to 22 kHz (-10 dB)
Frequency Response:	200 Hz to 20 kHz (-3 dB)
Max Input Ratings (16 ohm):	75W continuous, 150W program 35 volts RMS, 69 volts momentary peak
Autoformer Taps—70V: **100V:**	30W, 15W, 7.5W, 3.75W, 1.88W 30W, 15W, 7.5W, 3.75W
Sensitivity (1W/1m):	92 dB (200 Hz to 20 kHz) full space
Maximum Output:	111 dB SPL / 117 dB SPL (peak)
Nominal Impedance:	16 ohms
Minimum Impedance:	18 ohms @ 450 Hz
Vertical Coverage:	40° (2 kHz to 16 kHz ±15°) @ 13m
Horizontal Coverage:	140° average (1 kHz - 10 kHz ±20°)
Crossover Frequency:	5000 Hz
Recommended Signal Processing:	150 Hz, 24 dB/Oct high pass filter
Drivers:	LF 3 x 80mm long excursion mylar driver HF 1 x 3-element Compact Ribbon Emulator
Driver Protection:	Dynamic protection circuitry
Input Connection:	NL4 Speakon-type connector for low impedance operation; and 8-position terminal strip for low impedance or constant voltage operation
Controls:	None
Enclosure:	Extruded, high gloss paintable PVC
Finish:	Black or white
Grille:	Powder-coated aluminum, black or white finish
Safety Features:	Built-in safety eyebolt
Environmental:	Outdoor Direct Exposure Certified IP54W per IEC529 for UV, moisture and salt spray
Required Accessories:	High pass filter
Supplied Accessories:	Pan-tilt bracket accommodating zero to 22.5° down-tilt and +/- 55° panning; and ABS plastic rain cover with integrated cable inlet and 1" (25.4mm) knockout for conduit ingress
Optional Accessories:	E200-UMK universal mounting kit E200-SAK stand adapter kit
Dimensions—Height: **Width:** **Depth:**	10.3 inches (262 mm) 4.62 inches (117 mm) 7.47 inches (189 mm)
Weight (without bracket):	9 lbs (4.1 kg)
Shipping Weight:	10.8 lbs (4.9 kg)

NOTES:

1. Sensitivity: Free field pink noise measurement at 6ft (1.8m) at 10% power; extrapolated to 1 meter and an input of 2.83 volts RMS.
2. Watts: All wattage figures are calculated using the rated nominal impedance.

APPLICATIONS

- Houses of worship
- Bars and restaurants
- Meeting rooms, conference rooms, court rooms
- Auditoria, live theaters, museums
- Airports, train stations
- Stadium concourses
- Multipurpose outdoor and indoor venues
- Delay fill in larger venues

FEATURES

- Advanced passive crossover technology
- Dynamic protection circuitry
- Compact Ribbon Emulator high frequency technology for narrow, well-behaved vertical directivity control
- All-weather construction for indoor/outdoor usage
- Selectable low impedance or 70V/100V operation
- Simple installation using the included pan-tilt mounting bracket
- Tightly controlled vertical dispersion reduces harmful room reflections
- Wide horizontal dispersion means fewer units cover a given area
- Clean, clear and powerful sonic output without the cost of bi-amplification
- Available in standard black or white finishes, may also be painted to match room décor

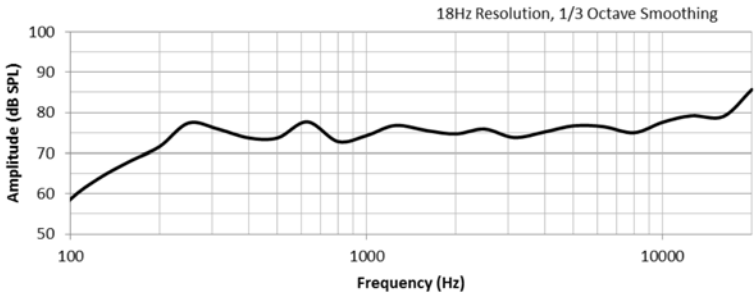
DESCRIPTION

The ENT203 is a compact, all-weather column array loudspeaker housed in an attractive and heavy-duty extruded PVC enclosure. The smallest member of the ENTASYS 200 family, the ENT203 is an excellent choice when sonic clarity and predictable directional control are required from a diminutive and unobtrusive loudspeaker system. Typical applications include music and speech reinforcement for small houses of worship, hotel meeting rooms, transit stations, background and foreground music for hotels, resorts and themed attractions, and much more. Additionally, the ENT203 complements and supports larger loudspeakers when used for delay fill or area fill, particularly in reverberant environments where controlled directivity is vital for intelligibility. The ENT203 employs three high-power LF cone drivers and one Community CRE (Compact Ribbon Emulator) HF tweeter array in a two-way, single-amped configuration.

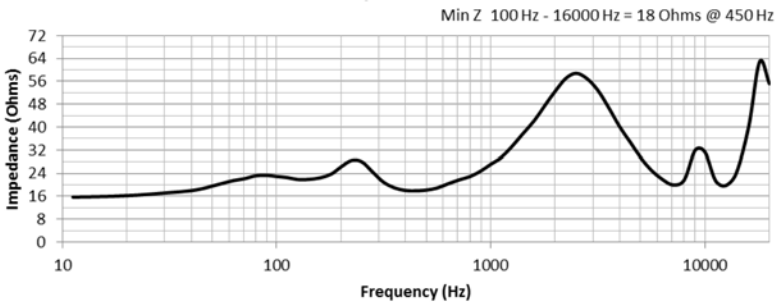
ENT203

TWO-WAY, COMPACT
COLUMN ARRAY LOUDSPEAKER

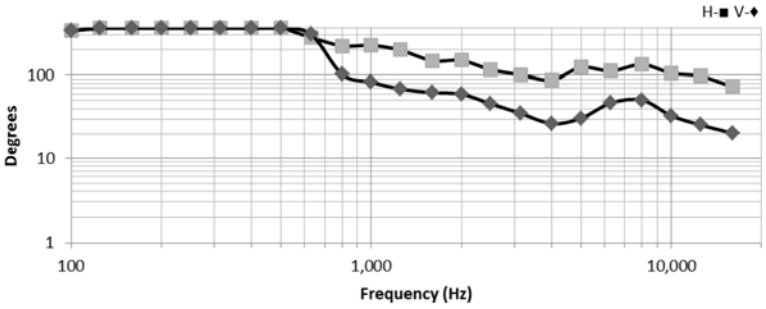
FREQUENCY RESPONSE



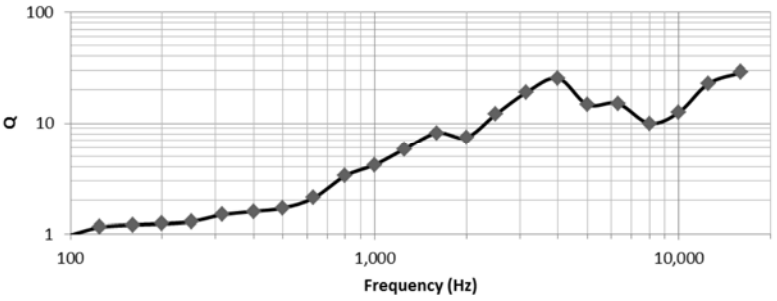
IMPEDANCE



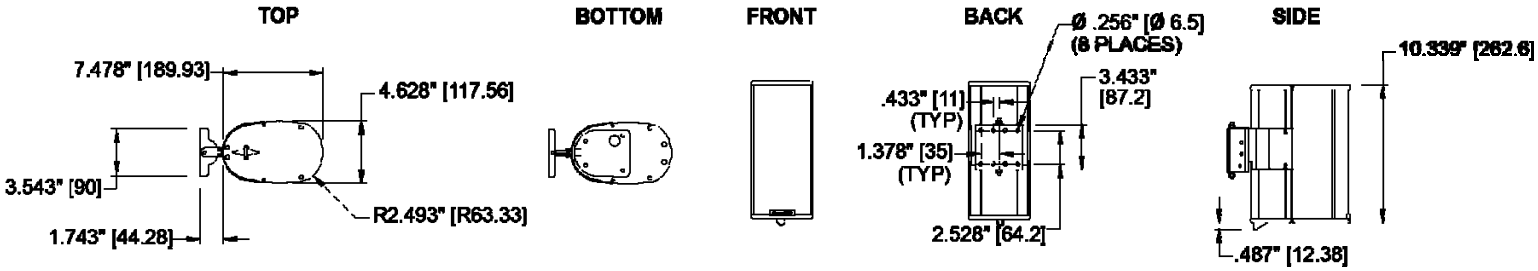
BEAMWIDTH



AXIAL Q



DIMENSIONS



ARCHITECTURAL SPECIFICATIONS

The loudspeaker system shall be a two-way, full-range compact column array system with three 80mm long excursion mylar low frequency transducers and a single three-element Compact Ribbon Emulator direct-radiating high frequency transducer. The drivers shall be connected to an integral crossover with an HF crossover frequency of 5000 Hz, with dynamic driver protection circuitry. The paintable enclosure shall be constructed of high-gloss PVC. The system shall have a frequency response of 200 Hz to 20 kHz (-3 dB) and a low impedance (16 ohm) input capability of 35V RMS. The sensitivity at 1W/1m shall be 92 dB (200 Hz to 20 kHz). The loudspeaker system shall have a vertical coverage of 40° (2 kHz - 16 kHz ±15°) @ 13m and a horizontal coverage of 140° average (1 kHz - 10 kHz ±20°). The system shall be equipped with a 30W high performance autoformer for use in 70.7V or 100V distributed audio systems, with 30W, 15W, 7.5W, 3.75W and 1.88W taps available in 70.7V distributed systems (30W, 15W, 7.5W and 3.75W taps available in 100V distributed systems). Dimensions shall be 10.3 inches (262 mm) high, 4.62 inches (117 mm) wide and 7.47 inches (189 mm) deep, with a loudspeaker weight of 9 lbs (4.1 kg).

Community strives to improve its products on a continual basis. Specifications are therefore subject to change without notice.

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