

EM201

Compact sub-bass system

features

- ▶ Compact sub-bass system
- ▶ Powerful 18" (460mm) cone driver
- ▶ Heavily braced, optimally vented enclosure
- ▶ High bass output

applications

- ▶ Music playback in clubs and bars
- ▶ AV presentations
- ▶ Theatres
- ▶ Conference centres



architectural

The EM201 is a compact sub-bass for use with EM Series full-range systems where extended low frequency output is required. Featuring a well-proven powerful 18" cone driver, it is designed for use on the ground and is particularly suitable for club, live music and other demanding applications requiring bass enhancement.

Heavily braced, optimally vented and fitted with a tough steel grille, the enclosure is well protected from damage. The EM201 is designed to be used with the EMX1A or EMX2A system controllers which provide an active crossover of 120Hz, system limiting and equalisation.

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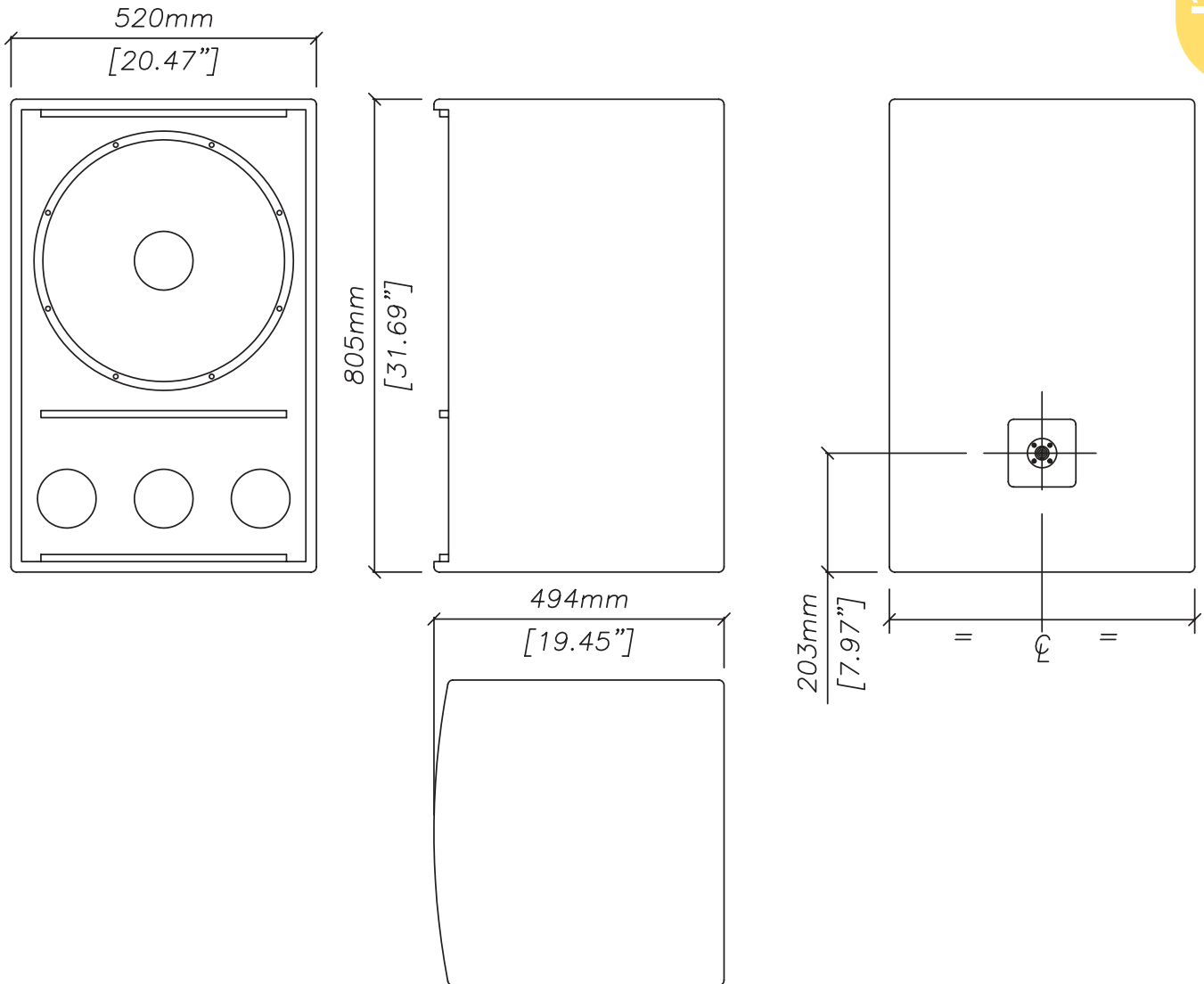


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overall dimensions

architectural



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technical specifications

TYPE	Compact, sub-bass system
FREQUENCY RESPONSE (1)	40Hz-120Hz \pm 3dB
DRIVERS	18" (460mm) bass driver
RATED POWER (2)	400W AES, 1600W peak
RECOMMENDED AMPLIFIER	550-700W into 4 ohms
SENSITIVITY (3)	97dB
MAXIMUM SPL (4)	122dB continuous, 128dB peak
NOMINAL IMPEDANCE	8 ohms
DISPERSION (-6dB)	-
CROSSOVER	120Hz active (via EMX1A/EMX2A)
ENCLOSURE	145 litre, vented
FINISH	Textured green paint
PROTECTIVE GRILLE	Grey perforated steel
CONNECTORS	1 x Neutrik NL4
FITTINGS	-
DIMENSIONS	(W) 520mm x (H) 805mm x (D) 494mm (W) 20.5ins x (H) 31.7ins x (D) 19.4ins
WEIGHT	37.5kg (83lbs)

architectural and engineering specifications

The loudspeaker system shall be of the compact sub-bass type consisting of one 18" (460mm) direct radiating reflex loaded low frequency transducer. The loudspeaker system shall operate with a separate dedicated electronic system controller.

Performance of the loudspeaker system with its electronic controller shall meet or exceed the following criteria:

Frequency response measured 1 metre on axis shall be 40Hz-120Hz \pm 3dB.

Power handling shall be 400W AES, 1600W peak.

Rated impedance shall be 8 ohms.

Maximum SPL measured at 1 metre on axis shall be 122dB continuous, 128dB peak.

Dimensions (W) 520mm x (H) 805mm x (D) 494mm (20.5ins x 31.7ins x 19.4ins).

Weight 37.5kg (83lbs).

The loudspeaker system shall be the Martin Audio EM201.

Notes

- (1) Measured on-axis in half space at 2 metres, then referred to 1 metre.
- (2) AES Standard ANSI S4.26-1984.
- (3) Measured in half space conditions at 2 metres with 1 watt input, using band limited pink noise, then referred to 1 metre.
- (4) Measured in half space conditions at 2 metres using band limited pink noise, then referred to 1 metre.

Trade Descriptions Act

Due to Martin Audio's policy of continuing improvement, we reserve the right to alter these specifications without prior notice. Martin Audio is committed to refining state of the art sound reinforcement, combining in-depth product and field applications research with advanced manufacturing techniques. Every Martin Audio product is built to the highest manufacturing standards and rigorously tested to ensure that it meets the performance criteria specified in the design.

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