

EMI20

Dedicated EM Series sub-bass

features

- ▶ Dedicated EM Series sub-bass
- ▶ Ultra-compact enclosure
- ▶ Single long excursion proprietary 10" (250mm) driver
- ▶ High power performance

applications

- ▶ Background music playback in clubs, bars, cafes, etc.
- ▶ Ideal for discreet placement in confined areas
- ▶ Home theatre



architectural

The Martin Audio EMI20 is an ultra-compact sub-bass system. It has been designed to be used in conjunction with the EM15 and EM26 full-range loudspeaker systems, in situations where extended low frequency output is required. The EMI20 will extend the frequency response of these systems to below 50Hz.

The EMI20 features a single, high efficiency 10" (250mm)/2.5" (65mm) voice coil bass driver housed in an ultra-compact enclosure. Whilst an external crossover is not essential for basic operation of the EMI20, larger systems will benefit from the use of an EMX1A controller to provide relative level adjustment and driver protection.

Century Point, Halifax Road, Cressex Business Park,
High Wycombe, Buckinghamshire HP12 3SL, England.
Telephone: +44 (0)1494 535312 Facsimile: +44 (0)1494 438669
E-mail: info@martin-audio.com
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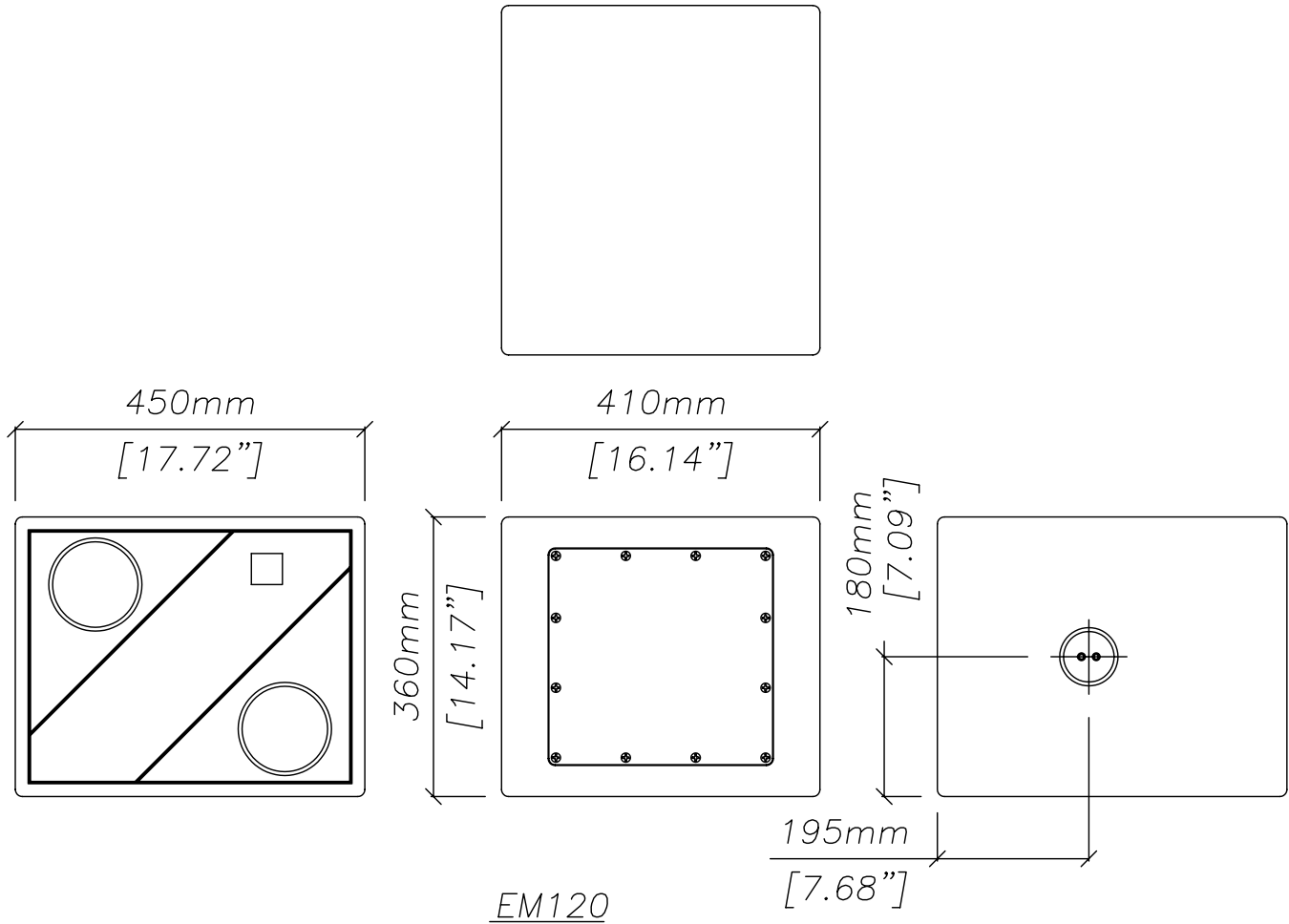


EM120

Dedicated EM Series sub-bass

overall dimensions

architectural



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EMI20

Dedicated EM Series sub-bass

architectural

technical specifications

TYPE	Ultra-compact sub-bass system
FREQUENCY RESPONSE (1)	50Hz-180Hz \pm 3dB
DRIVERS	10" (250mm) bass driver
RATED POWER (2)	200W AES, 800W peak
RECOMMENDED AMPLIFIER	400-500W into 4 ohms
SENSITIVITY (3)	95dB
MAXIMUM SPL (4)	120dB continuous, 126dB peak
NOMINAL IMPEDANCE	8 ohms mono
DISPERSION (-6dB)	
CROSSOVER	120Hz active (via EMX1A)
ENCLOSURE	50 litre, vented
FINISH	Textured green paint
CONNECTORS	Colour coded binding posts
FITTINGS	-
DIMENSIONS	(W) 450mm x (H) 360mm x (D) 410mm (W) 17.7ins x (H) 14.2ins x (D) 16.1ins
WEIGHT	18kg (41lbs)

architectural and engineering specifications

The loudspeaker system shall be of the vented enclosure sub-bass type consisting of one 10" (250mm) long excursion low frequency transducer mounted on an internal baffle.

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 50Hz-180Hz \pm 3dB.

Power handling shall be 200W AES, 800W peak.

Rated impedance shall be 8 ohms.

Maximum SPL measured at 1 metre on axis shall be 120dB continuous, 126dB peak.

Dimensions (W) 450mm x (H) 360mm x (D) 410mm (17.7ins x 14.2ins x 16.1ins).

Weight 18.8kg (41lbs).

The loudspeaker system shall be the Martin Audio EMI20.

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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