EM150
Dedicated EM Series sub-bass

features
- Dedicated EM Series sub-bass
- Ultra-compact enclosure
- High output
- Stereo/mono operation
- Twin long excursion proprietary 10" (250mm) drivers

applications
- Background music playback in clubs and bars
- AV presentations
- Home theatre

The ultra-compact EM150 sub-bass achieves extended low frequency performance not normally associated with such modest dimensions. Designed for use in conjunction with the EM15 and EM26 full-range loudspeakers, LF extension to below 45Hz is realised by twin 10" drive units.

In simple set-ups, the EM150 may be used without an active crossover. For example, the separate left and right 8 Ohm drive units of the EM150 can each be connected in parallel with three 16 Ohm EM15s, presenting a minimum impedance of 3.2 Ohms per channel to the amplifier. Alternatively, the left and right drivers can be externally connected in parallel at their inputs for a 4 Ohm mono sub-bass configuration.

For maximum systems versatility an EMX1A controller may be used with separate amplifiers employed to run the EM150 and satellite loudspeakers.
EM150
Dedicated EM Series sub-bass

EM150

overall dimensions

790mm [31.10"

410mm [16.14"

360mm [14.17"

180mm [7.09"

245mm [9.65"

300mm [11.81"
EM150
Dedicated EM Series sub-bass

technical specifications

<table>
<thead>
<tr>
<th>TYPE</th>
<th>Ultra-compact sub-bass system</th>
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<tbody>
<tr>
<td>FREQUENCY RESPONSE</td>
<td>45Hz-200Hz ± 3dB</td>
</tr>
<tr>
<td>DRIVERS</td>
<td>2 x 10&quot; (250mm) bass driver</td>
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<tr>
<td>RATED POWER</td>
<td>400W AES, 1600W peak</td>
</tr>
<tr>
<td>RECOMMENDED AMPLIFIER</td>
<td>400-500W into 4 ohms</td>
</tr>
<tr>
<td>SENSITIVITY</td>
<td>98dB</td>
</tr>
<tr>
<td>MAXIMUM SPL</td>
<td>123dB continuous, 129dB peak</td>
</tr>
<tr>
<td>NOMINAL IMPEDANCE</td>
<td>2 x 8 ohms stereo 4 ohms mono</td>
</tr>
<tr>
<td>DISPERSION</td>
<td>120Hz active (via EMX1A)</td>
</tr>
<tr>
<td>CROSSOVER</td>
<td>Textured green paint</td>
</tr>
<tr>
<td>ENCLOSURE</td>
<td>2 x spring loaded</td>
</tr>
<tr>
<td>CONNECTORS</td>
<td>2 x 8 ohms stereo 4 ohms mono</td>
</tr>
<tr>
<td>FITTINGS</td>
<td>91 litre, vented</td>
</tr>
<tr>
<td>DIMENSIONS</td>
<td>(W) 790mm x (H) 360mm x (D) 410mm</td>
</tr>
<tr>
<td></td>
<td>(W) 31.1ins x (H) 14.2ins x (D) 16.1ins</td>
</tr>
<tr>
<td>WEIGHT</td>
<td>31kg (68lbs)</td>
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</table>

Notes

(1) Measured on-axis in half space at 2 metres, then referred to 1 metre.
(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.

Architectural and engineering specifications

The loudspeaker system shall be of the vented enclosure sub-bass type consisting of two 10" (250mm) long excursion low frequency transducers mounted on internal baffles and acoustically isolated from each other. The system shall operate either as a stereo or mono sub-bass system.

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 45Hz-200Hz ±3dB.
- Power handling shall be 400W AES, 1600W peak.
- Rated impedance shall be 8 ohms for stereo – 4 ohms for mono.
- Maximum SPL measured at 1 metre on axis shall be 123dB continuous, 129dB peak.
- Dimensions (W) 790mm x (H) 360mm x (D) 410mm (31.1ins x 14.2ins x 16.1ins).
- Weight 31kg (68lbs).

The loudspeaker system shall be the Martin Audio EM150.

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