The Martin Audio AQ212 is a dual driver, direct radiating sub-bass in a heavily braced, vented enclosure. It features two very efficient 12" (300mm) long-throw bass drivers with high power 3" (75mm) voice coils and generously sized low frequency ports for low noise, high power operation.

The AQ212’s unobtrusive styling makes it the ideal partner for Martin Audio AQ Series full-range loudspeakers where high bass impact is required from a compact installation.

A Martin Audio AQX Electronic Controller is available to provide subwoofer crossover, limiter and trim functions.
AQ212
Compact, dual driver, vented sub-bass system

**Overall dimensions**

![Diagram of AQ212 subwoofer with dimensions]

- **Width:** 860mm (33.88"
- **Height:** 437mm (17.20"
- **Depth:** 350mm (13.78"

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**technical specifications**

<table>
<thead>
<tr>
<th>TYPE</th>
<th>Compact, dual driver, low profile, vented sub-bass</th>
</tr>
</thead>
<tbody>
<tr>
<td>FREQUENCY RESPONSE (1)</td>
<td>48Hz-150Hz ± 3dB</td>
</tr>
<tr>
<td>DRIVERS</td>
<td>2 x 12&quot; (300mm)/3&quot; (75mm) voice coil LF drivers</td>
</tr>
<tr>
<td>RATED POWER (2)</td>
<td>800W AES, 3200W peak</td>
</tr>
<tr>
<td>RECOMMENDED AMPLIFIER</td>
<td>MA3.0 / MA6.8Q</td>
</tr>
<tr>
<td>SENSITIVITY (6), (3)</td>
<td>99dB (open space), 105dB (half space)</td>
</tr>
<tr>
<td>MAXIMUM SPL (9)</td>
<td>128dB continuous, 134dB peak (open space)</td>
</tr>
<tr>
<td>NOMINAL IMPEDANCE</td>
<td>4 ohms</td>
</tr>
<tr>
<td>CROSSOVER</td>
<td>120Hz active (via AQX controller)</td>
</tr>
<tr>
<td>ENCLOSURE</td>
<td>100 litre, braced 18mm MDF</td>
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<tr>
<td>FINISH</td>
<td>Textured light grey paint</td>
</tr>
<tr>
<td>PROTECTIVE GRILLE</td>
<td>Light grey perforated steel</td>
</tr>
<tr>
<td>CONNECTORS</td>
<td>Low profile 20 amp push-lock</td>
</tr>
<tr>
<td>FITTINGS</td>
<td>Passive low pass filter</td>
</tr>
<tr>
<td>OPTIONS</td>
<td>Passive low pass filter</td>
</tr>
<tr>
<td>DIMENSIONS (W)</td>
<td>860mm x (H) 385mm x (D) 437mm</td>
</tr>
<tr>
<td></td>
<td>(W) 33.9ins x (H) 15.2ins x (D) 17.2ins</td>
</tr>
<tr>
<td>WEIGHT</td>
<td>39kg (86lbs)</td>
</tr>
</tbody>
</table>

**architectural and engineering specifications**

The loudspeaker system shall be of the compact, dual driver, sub-bass type consisting of two 12" (300mm) 3" (75mm) voice coil direct radiating reflex loaded low frequency transducers in an internally braced low profile MDF enclosure. The loudspeaker shall be operated with a separate electronic controller for dedicated sub-bass use.

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 48Hz-150Hz ±3dB.
- Power handling shall be 800W AES, 3200W peak.
- Rated impedance shall be 4 ohms.
- Maximum SPL calculated at 1 metre on axis shall be 134dB continuous, 140dB peak (half space).
- Dimensions (W) 860mm x (H) 385mm x (D) 437mm (33.9ins x 15.2ins x 17.2ins).
- Weight 39kg (86lbs).

The loudspeaker system shall be the Martin Audio AQ212.

**Notes**

(1) Measured on-axis in half space at 2 metres, then referred to 1 metre.
(3) Measured in half space at 2 metres with 1 watt input, using band limited pink noise, then referred to 1 metre.
(4) Measured in half space at 2 metres using band limited pink noise, then referred to 1 metre.
(5) Measured on-axis in open (4π) space at 2 metres, then referred to 1 metre.
(6) Measured in open (4π) space at 2 metres with 1 watt input, using band limited pink noise, then referred to 1 metre.
(7) Measured in open (4π) space at 2 metres using band limited pink noise, then referred to 1 metre.
(8) Measured in open (4π) space at 2 metres with 2.83V input, using band limited pink noise, then referred to 1 metre.
(9) Calculated at 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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