



# AVIATOR 112 A

<b>Technical datasheet</b>	
<b>Power handling</b>	550 W RMS / 1100 W program / 2200 W peak.
<b>Maximum SPL Calculation</b>	1m / 130 dB continuous / 133 dB program / 136 dB peak.
<b>Nominal impedance</b>	8 Ohm.
<b>Frequency range</b>	55 - 18000 Hz.
<b>Dispersion angle</b>	90°x50° (HxV). Rotatable diffuser.
<b>MF and LF component</b>	One Lavoce Italiana 12" speaker. Ferrite. 500 W RMS.
<b>HF component</b>	One Lavoce Italiana 1" compression driver. Ferrite. 50 W RMS.
<b>Frequency cut-off for MF *</b>	55 Hz Linkwitz-riley 24 filter - 1200 Hz Linkwitz-riley 24 filter.
<b>Frequency cut-off for HF *</b>	1200 Hz Linkwitz-riley 24 filter - 18 kHz Linkwitz-riley 24 filter.
<b>Frequency cut-off for subwoofer *</b>	Up to 90 Hz. Linkwitz-riley 24 filter.
<b>Amplifier</b>	<p>State-of-the-art Class-D. 1 x 800 W RMS for LF and MF+ 1 x 300 W RMS for HF.</p> <p>Surge protection up to 265 V AC, output protection against overload, clip, limiter.</p> <p>Input type: balanced.            Input impedance: 20000 ohms.            Input sensitivity: 1.95 V (+8 dBu).</p>
<b>DSP</b>	24 Bit / 96 KHz. 5 factory presets with selection button.
<b>Pro DG net</b>	1 RS485 input + 1 output link RS485 for network control of the entire system.
<b>Connectors</b>	1 x XLR female (input signal), 1x XLR male (output link). PowerCON NAC3FCB (current supply).
<b>Controls</b>	On / off switch and master volume. Preset selector cursor.
<b>Power supply</b>	AC 90~265V - 50 / 60HZ.

<b>Construction</b>	Birch plywood using CNC machining. 2mm thick perforated steel front grille, with oven-dried black electrostatic powder paint finish. Includes acoustic foam.  Includes stand socket to attach extendable bar.
<b>Rigging points</b>	12 x M8
<b>Paint</b>	Special polyurea finish resistant to impacts and inclement weather. Black color (standard).
<b>Dimensions (height x width x depth)</b>	690 x 385,5 x 380mm (27,17 x 15,18 x 14,96in).
<b>Weight</b>	26 Kg (57,32 lbs) net / 29 Kg (63,93 lbs) with packaging.

\* Disrespect the suggested frequency cuts-off on the different ways may cause components breakage.

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