



## AVIATOR LA 212 A

<b>Technical datasheet</b>	
<b>Power handling</b>	1100 W RMS / 2200 W program / 4400 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>	65 - 20000 Hz.
<b>Dispersion angle</b>	90° horizontal. Vertical dependent on distribution.
<b>MF and LF components</b>	Two Lavoce Italiana 12" speakers. Neodymium. 500 W RMS (per unit).
<b>HF component</b>	One Lavoce Italiana 1/4" compression driver. Neodymium. 100 W RMS.
<b>Frequency cut-off for LF *</b>	Without subwoofer: 65 Hz Linkwitz-riley 24 filter - 250 Hz Linkwitz-riley 24 filter.  With subwoofer: 90 Hz Linkwitz-riley 24 filter - 250 Hz Linkwitz-riley 24 filter.
<b>Frequency cut-off for MF *</b>	250 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>	State-of-the-art Class-D. 1 x 2500 W RMS for LF + 1 x 1500 W RMS for MF + 1 x 500 W RMS for HF.  Surge protection up to 265 V AC, output protection against overload, clip, limiter.  Input type: balanced. Input impedance: 20000 ohms. Input sensitivity: 6.2 V (+18 dBu).
<b>DSP</b>	24 Bit / 96 KHz. 6 factory presets with on-screen 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). 1 x Speakon output for passive unit AVIATOR LA 212 P. 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.
<b>Paint</b>	Special polyurea finish resistant to impacts and inclement weather. Black color (standard).
<b>Dimensions (height x width x depth)</b>	352 x 966 x 468 mm (13,86 x 38,03 x 18,43 in).
<b>Weight</b>	47 Kg (103,62 lbs) net / 50 Kg (110,23 lbs) with packaging.

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

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