



# AVIATOR 115 A

## Technical datasheet

<b>Power handling</b>	850 W RMS / 1700 W program / 3400 W peak.
<b>Maximum SPL Calculation</b>	1m / 131 dB continuous / 134 dB program / 137 dB peak.
<b>Nominal impedance</b>	8 Ohm.
<b>Frequency range</b>	45 - 18000 Hz.
<b>Dispersion angle</b>	90°x50° (HxV). Rotatable diffuser.
<b>MF and LF component</b>	One Lavoce Italiana 15" speaker. Ferrite. 800 W RMS.
<b>HF component</b>	One Lavoce Italiana 1" compression driver. Ferrite. 50 W RMS.
<b>Frequency cut-off for MF *</b>	45 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 1000 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: 3 V (+12 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 M10
<b>Paint</b>	Special polyurea finish resistant to impacts and inclement weather. Black color (standard).
<b>Dimensions (height x width x depth)</b>	750 x 450 x 440mm (29,53 x 17,72 x 17,32in).
<b>Weight</b>	34 Kg (74,96 lbs) net / 37 Kg (81,57 lbs) with packaging.

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

The information included in this document may be changed without prior notice. To stay up to date with the latest version of this document, we recommend that you periodically consult Pro DG Systems website: [www.prodgsystems.com](http://www.prodgsystems.com)