AVIATOR LA 210 A

Technical datasheet	
Power handling	700 W RMS / 1400 W program / 2800 W peak.
Maximum SPL Calculation	1m / 128 dB continuous / 131 dB program / 134 dB peak.
Nominal impedance	8 Ohm.
Frequency range	70 - 20000 Hz.
Dispersion angle	90º horizontal. Vertical dependent on distribution.
MF and LF components	Two Lavoce Italiana 10” speakers. Neodymium. 300 W RMS (per unit).
HF component	One Lavoce Italiana 1/4" compression driver. Neodymium. 100 W RMS.
Frequency cut-off for MF *	90 Hz Linkwitz-riley 24 filter - 1200 Hz Linkwitz-riley 24 filter.
Frequency cut-off for HF *	1200 Hz Linkwitz-riley 24 filter - 18 kHz Linkwitz-riley 24 filter.
Frequency cut-off for subwoofer *	Up to 90 Hz. Linkwitz-riley 24 filter.
Amplifier	State-of-the-art Class-D. 1 x 1500 W RMS for LF and 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).
DSP	24 Bit / 96 KHz. 6 factory presets with on-screen selection button.
Pro DG net	1 RS485 input + 1 output link RS485 for network control of the entire system.
Connectors	1 x XLR female (input signal), 1x XLR male (output link). 1 x Speakon output for passive unit AVIATOR LA 210 P. PowerCON NAC3FCB (current supply).
Controls	On / off switch and master volume. Preset selector cursor.
Power supply	AC 90~265V - 50 / 60HZ.

Construction	Birch plywood using CNC machining. 2mm thick perforated steel front grille, with oven-dried black electrostatic powder paint finish. Includes acoustic foam.
Paint	Special polyurea finish resistant to impacts and inclement weather. Black color (standard).
Dimensions (height x width x depth)	291 x 865 x 474.5mm (11,46 x 34,06 x 18,68in).
Weight	33 Kg (72,75 lbs) net / 36 Kg (79,37 lbs) with packaging.

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