AVIATOR LA 206 A

Technical datasheet	
Power handling	500 W RMS / 1000 W program / 2000 W peak.
Maximum SPL Calculation	1m / 127 dB continuous / 130 dB program / 133 dB peak.
Nominal Impedance	8 Ohm.
Frequency Range	70 - 20000 Hz.
Dispersion Angle	100º horizontal. 10º vertical.
MF and LF components	Two 6,5" speakers. Neodymium. 200 W RMS (per unit).
HF components	One 1/4" compression driver with 3" diaphragm. Ferrite. 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. 2 x 1000 W RMS @ 4 Ohm. 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	64 Bit / 48 KHz. 6 factory presets with on-screen selection button.
Pro DG net	1 Ethernet port for network-based system control.
Connectors	1 x XLR female (input signal), 1x XLR male (output link). PowerCON REAM RCAC3 (current supply).
Controls	On / off switch and master volume. Preset selector cursor.
Power supply	AC 90~264V - 50 / 60HZ.
Construction	Birch plywood, CNC-machined. 1.2mm-thick perforated steel front grille, finished with an oven-cured, black electrostatic powder coating. Includes acoustic foam.

Paint	Special polyurea finish resistant to impacts and inclement weather. Black color (standard).
Dimensions (height x width x depth)	256 x 603 x 377mm (10,08 x 23,74 x 14,84in).
Weight	21 Kg (43,30 lbs) net / 23 Kg (50,71 lbs) with packaging.

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

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