

**SPECIFICATIONS**

Lower cut-off frequency -6 dB	15 Hz
Upper cut-off frequency -6 dB (main channel/LFE)	100 Hz/120 Hz
Drivers	3 x 381 mm (15 in)
Harmonic distortion at 1 m on axis in half space, 30 to 85 Hz 2nd 3rd	≤ 1% @ 105 dB SPL ≤ 1.5% @ 105 dB SPL
Maximum short term sine wave SPL output averaged from 30 to 85 Hz, measured in half space at 1 meter	≥ 129 dB SPL
Maximum peak SPL output with random pink noise, measured in half space at 1 meter (Long term SPL output is limited by driver unit protection circuitry)	≥ 133 dB SPL
Self generated noise at 1 m on axis (A-weighted)	<5 dBA
Dimensions H x W x D Subwoofer enclosure RAM-SW amplifier unit	625 x 1400 x 558 mm (24 <sup>5</sup> / <sub>8</sub> x 55 <sup>1</sup> / <sub>8</sub> x 21 <sup>15</sup> / <sub>16</sub> in) 3U 132 x 483 (front plate), 425 (casing) x 286 mm 3U 5 <sup>3</sup> / <sub>16</sub> x 19 (front plate), 16 <sup>1</sup> / <sub>4</sub> (casing) x 11 <sup>1</sup> / <sub>4</sub> in
Weight Subwoofer enclosure RAM-SW amplifier unit	145 kg (320 lb) 11.3 kg (25 lb)

**AMPLIFIER SECTION**

Short term amplifier output power (Long term output power is limited by driver unit protection circuitry)	2500 W
Amplifier system THD at nominal output	<0.01%
Mains voltage	100-240 VAC 50/60 Hz
Power consumption Standby, ISS active Idle Full output, peak	<1 W 22 W 1500 W

**SIGNAL PROCESSING SECTION**

Signal connectors	2 channel analog IN/OUT Analog LFE IN Digital IN/OUT
Analog signal input connectors XLR female, balanced 10 kOhm	pin 1 gnd, pin 2 non-inverting, pin 3 inverting
Maximum analog input signal Analog input sensitivity (100 dB SPL at 1 m)	+24.0 dBu -6 dBu
Digital signal input connector XLR female 110 Ohm Digital signal output / Thru connector XLR male 110 Ohm	AES/EBU Single Wire AES/EBU Single Wire
Digital audio input Word length Sample rate	16 - 24 bits 32 - 192 kHz
Digital input sensitivity (100 dB SPL at 1 m) Positive input gain selection (GLM control)	-30 dBFS +6, +12, +18 dB
Control network Type Connection	Proprietary GLM network 2 RJ45, CAT5 cables
GLM™ software frequency response adjustment parametric notch filters	20
System calibration	Genelec GLM AutoCal™, GLM manual
Crossover setting in subwoofer's input/output channels	GLM control, input low pass selectable 50 - 100 Hz, output no filtering
LFE cutoff	120 Hz
Midband rejection >400 Hz	≥ 50 dB
Phase matching control	15° steps with GLM control