

SPECIFICATIONS

Model	7380A
Lower cut-off frequency -6 dB	16 Hz
Upper cut-off frequency -6 dB (main channel/LFE)	100 Hz/120 Hz
Driver	381 mm (15 in)
Harmonic distortion at 1 m on axis in half space, 30 to 85 Hz 2nd 3rd	≤ 1% @ 100 dB SPL ≤ 2% @ 100 dB SPL
Maximum short term sine wave SPL output averaged from 30 to 85 Hz, measured in half space at 1 meter	≥ 119 dB SPL
Maximum peak SPL output with random pink noise, measured in half space at 1 meter	≥ 123 dB SPL
Self generated noise at 1 m on axis (A-weighted)	<5 dBA
Weight	69 kg (152 lbs)
Dimensions H x W x D	685 x 718 x 492 mm (27 x 28 ¹ / ₄ x 19 ³ / ₈ in)

AMPLIFIER SECTION

Short term amplifier output power (Long term output power is limited by driver unit protection circuitry)	800 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	<2 W 40 W 600 W

SIGNAL PROCESSING SECTION

Signal connectors	7.1 channel analog IN/OUT Analog Link IN/OUT Digital AES/EBU IN/OUT
Analog signal input connector 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) Adjustment range (LEVEL dip switches + rotary level control)	+24.0 dBu -6 dBu +48 dBu to -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) Digital input maximum attenuation Positive input gain selection (GLM control)	-30 dBFS 48 dB +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, Stand-alone
Crossover setting in subwoofer's input/output channels Centralized Bass Management (for analog signal) Distributed Bass Management (GLM control)	Input low pass fixed 85 Hz, output high pass fixed 85 Hz Input low pass selectable 50 to 100 Hz, output no filtering
LFE cutoff	120 Hz
Midband rejection >400 Hz	≥ 50 dB
Bass Roll-Off control operating range in 4 dB steps	0 to -12 dB at 20 Hz
Phase matching control	90° steps with dip switch controls 15° steps with GLM control