

Gibraltar

REL Acoustics Ltd. Introduces Gibraltar G-1 & G-2 Sub-Bass Systems

Gibraltar features REL's most recent exposition on amplifier topology, driver technology and operational interface. Housed within a sumptuous furniture-grade enclosure finished in gloss piano black lacquer resides a massive 12" long-throw carbon fiber driver (10" in G-2), 600 watt Class A/B (450 watts for G-2) power amplifier and the award-winning REL connectivity suite providing the most flexible and sonically transparent integration, weight and low-frequency authority to the main loudspeaker system.

Employing an extensively braced enclosure sculpted in a truly sensuous shape, Gibraltar is massive, yet elegant. While it is physically commanding, its finely tuned shape finished in furniture-grade hand-rubbed high-gloss piano black lacquer will blend seamlessly into any interior environment.

REL's vast engineering experience is evident in Gibraltar's power amplifier. Featuring a linear Class A/B topology employing no less than six MOS-FET devices, massive power supplies and transformer there is no mistaking the Gibraltar with a common subwoofer. Execution of build and component part choice is first-class resulting in extensive ruggedness and reliability. Mated to this massive power plant is a tight-wind carbon fiber drive unit capable of an exceptional pistonic stroke of 1-3/4 inches! This costly drive unit was necessary in order to generate the ultimate in loudness required to underpin today's high-end loudspeakers.

The REL connectivity suite allows for using both high and low level input options. Exclusive to REL is the ability to blend and individually control both signals that, for example is useful in a home cinema system where the sub-bass system must reproduce both main speaker and .1/LFE low frequency content. Connectivity to Class-D main power amplifiers cause no problem for Gibraltar thanks to REL-D™; a proprietary circuit that creates the proper grounding environment for most Class-D amplifiers.



G-1 above,
carbon fiber drive unit, Gibraltar
rear panel.



Adding to the overall user experience is the IR remote control. The unique round disc-shaped remote features three rotary encoder dials that control all adjustments for HI/LO Level, Crossover Frequency and .1/LFE Level. Phase, and Settings Lock are controlled via toggle switches. Located on the bottom front of the enclosure is a large, bright LED readout providing a visual indication of all the current settings. Now, for the first time, setup and adjustment can be done from the comfort of your listening position. When additional performance is required, Gibraltar has connectivity to allow multiple units to be used in conjunction with one another either in stereo pairs or vertically stacked towers. Doing so results in huge wave fronts of air, conveying the true power and majesty of a musical or film sound event effortlessly.



G-2 above,
Gibraltar remote.

Specifications	G-1	G-2
Type:	Closed box, front firing woofer	Closed box, front firing woofer
Drive Unit:	12 in., 300mm long throw, carbon fiber cone	10 in., 250mm long throw, carbon fiber cone
Lower Frequency Response in Room:	-6dB at 15Hz	-6dB at 18Hz
Input Connectors:	High-Level Neutrik Speakon, Low-Level stereo phono, LFE phono, LFE XLR	High-Level Neutrik Speakon, Low-Level stereo phono, LFE phono, LFE XLR
Output Connectors:	High-Level Neutrik Speakon, LFE phono, LFE XLR	High-Level Neutrik Speakon, LFE phono, LFE XLR
Gain Control Range:	80 dB	80 dB
Power Output:	600 Watts (RMS) Ultra High-Current Power Supply	450 Watts (RMS) Ultra High-Current Power Supply
Phase Switch:	Yes, 0 or 180 degrees	Yes, 0 or 180 degrees
Amplifier Type:	Class AB	Class AB
Protection System		
Fully Electronic with SET-SAFE:	Yes	Yes
DC Fault:	Yes	Yes
Output Short:	Yes	Yes
Mains Input Voltage:	220-240 volts, 110-120 volts for certain markets	220-240 volts, 110-120 volts for certain markets
Mains Fuse:	5 Amp semi delay 230 volts operation 10 Amp semi delay 115 volts operation	5 Amp semi delay 230 volts operation 10 Amp semi delay 115 volts operation
Dimensions		
W x H x D, Including Feet:	22.5 x 18.2 x 26.8 in., (571.5 x 462 x 680.3 mm)	20 x 16.4 x 24 in., (508.8 x 417.3 x 610.4 mm)
Net Weight:	108 lbs. (49 kg)	84lbs. (38.1kg)
Supplied Accessories		
Mains Lead:	Yes	Yes
Neutrik Speakon Interconnect 10 Meters Nominal:	Yes	Yes
Users Manual:	Yes	Yes
Remote Control:	Yes	Yes
Batteries (AAA x 2):	Yes	Yes
Spikes (x 4):	Yes	Yes
Allen Key (2.5mm):	Yes	Yes

In the interest of product development, REL Acoustics Limited reserve the right to vary these specifications without notice.

REL ACOUSTICS LTD.

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