
LG07

Compact Full Range Loudspeaker Cabinet



acoustic technologies

The LG07 Compact Full Range Loudspeaker Enclosure emerges from Acoustic Technologies' ongoing research and development program: The brief being to produce a studio quality cabinet suited to a wide and diverse range of professional audio applications.

The result is a remarkably compact trapezoidal cabinet housing two 6.5" bass-mid transducers flanking an extended range 1" high frequency compression driver coupled to a 100°(H) x 100°(V) horn flare developed specifically for the LG07. Our unique "floating horn technology" mechanically decouples the horn flare and driver from the baffle board, resulting in an outstanding improvement in clarity, frequency response, sound field imaging and overall audio coherence.

The LG07 is equally at home providing high intelligibility A/V audio or reproducing all types of program music and speech. Applications include Board Room A/V Installations, Party Bars, Night Clubs, high end Home Theatre, outdoor Public Address systems and Theme Parks.

LG07 EXCELLENCE IN AUDIO

LG07 Speaker System

FEATURES

- **300 Watts Power Handling**
- **Accurate Full Range Audio Reproduction**
- **Ultra Compact and Extremely Versatile**
- **Many Custom Decor Finishes Available**

LG07

SPECIFICATIONS

Transducer Complement		2 x 6.5" Bass-Mid Transducer 1 x 1" HF Compression Driver
Frequency Response		68 Hz - 20 kHz \pm 3 dB
Nominal Impedance		4, 8 or 16 Ohms
Sensitivity		92 dB @ 1 watt, 1 metre
Maximum Input	Continuous Program	150 Watts RMS 300 Watts Program
Maximum SPL (Calculated)	Continuous Program	113 dB @ 1 metre 116 dB @ 1 metre
High Frequency Dispersion	Horizontal Vertical	100° 100°
Physical Size		Height 455mm, Depth 385mm, Front Width 215mm, Back Width 130mm
Nett Weight		13 Kg (Varies slightly with Options)
Connector Options		Screw Terminal Barrier Strip.
Hardware Options		"C" Mounting Bracket Supplied.
Finish Options		Textured Black or White Paint Finish. A wide range of decor matched and custom finishes are available.
Grille Finish Options		Black or White Powder Coat Paint Finish. Weather Resistant Treatment. Colour matched for decor cabinets.

The LG07 enclosure is constructed of high quality 12mm MDF.

A wide range of hardware, connector, grille and cabinet finishing options are available.

The transducers are protected by a perforated steel mesh, providing a durable visually appealing finish.

The LG07 passive crossover provides a seamless transition between the transducers. The crossover frequency is selected to enhance the already superb performance of the individual components. Great care is taken to ensure that a phase coherent output is maintained across the entire audio bandwidth.

Sensitivity, Maximum Power and SPL measurements are conducted in accordance with the AES 24 Hour Pink Noise Standard. Acoustic Technologies reserve the right to alter or amend the LG07, without prior warning in the interests of product improvement.

APPLICATIONS

- **Retail Stores and Shops**
- **Restaurants**
- **Bars and Bistros**
- **Church Vocal and Music Reinforcement**
- **Corporate Boardrooms**
- **Audio - Visual Presentations and Installations**
- **Dance Club Surround Sound Systems**
- **Theme Parks**
- **High End Home Theatre**



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