
LG09

Compact Full Range Loudspeaker Cabinet



LG09

acoustic technologies

The Acoustic Technologies LG09 Compact Full Range Loudspeaker Enclosure neatly spans the divide between truly compact cabinets and large format, high powered enclosures. In fact the LG09 uses the same mounting hardware as our compact LG07 cabinet and yet provides a remarkable 850 Watts program power handling.

The LG09's extremely compact trapezoidal cabinet houses two 8" bass-mid transducers, one of which incorporates a coaxially mounted, extended range 1" HF compression driver. Dispersion is a controlled 100°(H) x 100°(V)

The LG09 is available as either a 4 or 16 Ohm cabinet allowing multi-cabinet installations to be easily optimised for power amplifier loading and efficiency.

The LG09 provides extremely high quality, high output reproduction of all music and speech. Applications include Board Room A/V Installations, Party Bars, Night Clubs, high end Home Theatre and Theme Parks.

LG09 EXCELLENCE IN AUDIO

LG09 Speaker System

FEATURES

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

LG09

SPECIFICATIONS

Transducer Complement		2 x 8" Bass-Mid Transducers 1 x 1" HF Coaxial Compression Driver
Frequency Response		65 Hz - 20 kHz \pm 3 dB
Nominal Impedance		4 or 16 Ohms
Sensitivity		94 dB @ 1 watt, 1 metre
Maximum Input	Continuous Program	450 Watts RMS 900 Watts Program
Maximum SPL (Calculated)	Continuous Program	120 dB @ 1 metre 123 dB @ 1 metre
High Frequency Dispersion	Horizontal Vertical	100° 100°
Physical Size		Height 455mm, Depth 385mm, Front Width 270mm, Back Width 185mm
Nett Weight		16.5 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 LG09 enclosure is constructed of high quality 12mm MDF.

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

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

The LG09 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 LG09, 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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