

LG04

Compact Full Range Loudspeaker Cabinet



acoustic technologies

The Acoustic Technologies LG04 is an extremely compact trapezoidal shaped cabinet constructed of high quality 12mm MDF and finished in a wide variety of coatings and colours and is supplied complete with mounting bracket

The LG04 is loaded with two of our proprietary LG Series 6.5" Bass/Mid Transducer and is coupled via an advanced design crossover network to a 1" H.F. Compression Driver and 90° x 60° Horn Flare. The horn flare can be rotated through 90° allowing the cabinet to be mounted for either vertical or horizontal applications and still maintain the required H.F. dispersion characteristics.

Acoustic Technologies LG Series Loudspeakers are suited to a diverse range of applications including foreground music systems in Retail Stores and Shops, Restaurants, Bars and Bistros, Churches and Corporate Boardrooms.

The LG04 in particular is extremely popular in the Audio Visual contracting market where a small fullrange cabinet capable of reproducing speech and vocals with crystal clarity is essential.

LG04 EXCELLENCE IN AUDIO

LG04 Speaker System

FEATURES

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

LG04

SPECIFICATIONS

Transducer Complement		2 x 6.5" Bass-Mid Transducer 1 x 1" H.F. Compression Driver
Frequency Response		70 Hz - 19 kHz \pm 3 dB
Sensitivity		92 dB @ 1 watt, 1 metre
Maximum Input	Continuous Program	125 Watts RMS 250 Watts Program
Maximum SPL (Calculated)	Continuous Program	113 dB @ 1 metre 116 dB @ 1 metre
Nominal Impedance		4, 8 or 16 Ohms
H.F. Dispersion	Horizontal Vertical	90° Flare can be rotated through 90° 60° for horizontal mounting
Physical Size		Height 583mm, Depth 248mm, Front Width 198mm, Back Width 131mm
Nett Weight		12.0 Kg (Varies slightly with options)
Connector Options		Screw Terminal Barrier Strip. Weatherproof Cable Gland.
Hardware Options		"C" Bracket Supplied. Speaker Stand Mount.
Cabinet 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 LG04 enclosure is constructed of high quality 12mm Finnish Birch Ply.

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 LG04 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 LG04, 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**



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