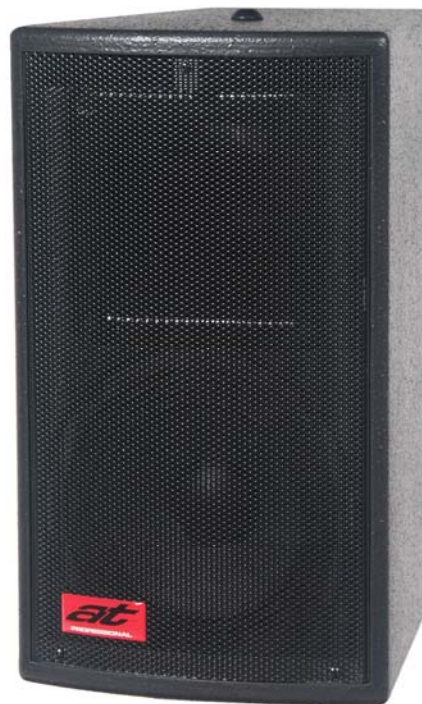

LG03

Compact Full Range Loudspeaker Cabinet



acoustic technologies

The Acoustic Technologies LG03 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 LG03 is loaded with 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 LG03 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.

LG03 EXCELLENCE IN AUDIO

LG03 Speaker System

FEATURES

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

LG03

SPECIFICATIONS

Transducer Complement		1 x 6.5" Bass-Mid Transducer 1 x 1" H.F. Compression Driver
Frequency Response		75 Hz - 19 kHz \pm 3 dB
Sensitivity		92 dB @ 1 watt, 1 metre
Maximum Input	Continuous Program	65 Watts RMS 125 Watts Program
Maximum SPL (Calculated)	Continuous Program	110 dB @ 1 metre 113 dB @ 1 metre
Nominal Impedance		8 or 16 Ohms
H.F. Dispersion	Horizontal Vertical	90° 60° Flare can be rotated through 90° for horizontal mounting
Physical Size		Height 343mm, Depth 250mm, Front Width 198mm, Back Width 131mm
Nett Weight		7.0 Kg (Varies slightly with options)
Connector Options		Screw Terminal Barrier Strip. Weatherproof Cable Gland.
Hardware Options		"C" Bracket Supplied.
Cabinet Finish Options		Textured Black or White Paint Finish. A wide range of decor matched and custom finishes are available upon request.
Grille Finish Options		Black or White Powder Coat Paint Finish. Weather Resistant Treatment. Colour matched for decor cabinets.

The LG03 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 LG03 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 LG03, 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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