
LPW02

Low Profile Coaxial Monitor Cabinet



LPW02

acoustic technologies

The Acoustic Technologies LPW02 Coaxial Low Profile Stage Monitor provides exceptional vocal and musical presence from an unobtrusive, compact enclosure.

The LPW02 is fitted out with an efficient 600 Watt, 12" bass-mid transducer and a coaxially mounted 1" high frequency compression driver coupled to an 80° horizontal dispersion flare. The high frequency compression driver is treated with Ferro Fluid. The cone of the 12" speaker features a proprietary surface treatment providing enhanced performance, power handling and protection from moisture and other environmental contaminants.

The coaxial arrangement of the LPW02's components provides the ideal "point source" audio reproduction, offering superb clarity, presence and intelligibility. The controlled low frequency roll-off contributes enormously toward achieving a clean, clear, stage sound, an important requirement for all live music applications. The ultra-smooth frequency response and tight, controlled high frequency dispersion characteristics maximize the system gain before the onset of acoustic feedback.

The LPW02 Low Profile Stage Monitor is eminently suited for all Stage, Studio, Theatre and Club applications demanding high level, high quality music and vocal monitoring.

LPW02 EXCELLENCE IN AUDIO

LPW02 Speaker System

FEATURES

- 600 Watt Power Handling
- Flat Accurate Reproduction
- High Efficiency
- Controlled HF Dispersion
- 3 Year Warranty

LPW02

SPECIFICATIONS

Transducer Complement		1 x 12" Bass-Mid Transducer 1 x 1" HF Compression Driver
Frequency Response		100 Hz - 18 kHz \pm 3 dB
Sensitivity		100 dB @ 1 watt, 1 metre
Maximum Input	Continuous Program	300 Watts RMS 600 Watts Program
Maximum SPL (Calculated)	Continuous Program	125 dB @ 1 metre 128 dB @ 1 metre
High Frequency Dispersion		80° (H) x 40° (V) Coaxial Flare
Nominal Impedance		8 Ohms
Physical Size		Max Height 335mm, Front Height 145mm, Width 440mm, Depth 410mm
Nett Weight		21 Kg
Connectors		2 x Speakon Connectors.
Hardware		Speaker Stand Mounting Hardware. Handgrip.
Finish		AcoustiCoate Black Elastomer Finish.

APPLICATIONS

- **Live Music
Vocal & Instrument
Monitors**
- **Recording Studio &
Rehearsal Room
Monitors**
- **Musical Theatre &
Sound Stage
Performance
Monitors**
- **Television & Radio
Cue, Review,
Playback Monitors**
- **DJ Booth Monitors**
- **Karaoke System
Vocal Monitors**

The LPW02 enclosure is constructed of high quality 18mm Finnish Birch Ply

The transducers are protected by a rugged expanded steel grille.
Acoustically transparent PVC foam is bonded to the mesh
providing a durable, visually appealing finish.

The LPW02 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 LPW02, without prior warning
in the interests of product improvement.



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