

---

---

# 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

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



### Acoustic Technologies

8-10 Staple Street  
Seventeen Mile Rocks  
Brisbane, Qld 4073  
Australia

Phone (07) 3376-4122  
Fax (07) 3376-5793

### International

Phone 617 3376-4122  
Fax 617 3376-5793

### Email & Internet

info@atprofessional.com.au  
www.atprofessional.com.au