
GROUNDSWELL

Low Frequency
Delivery System



**GROUNDSWELL
LOW FREQUENCY
DELIVERY SYSTEM**

acoustic technologies

The Acoustic Technologies Groundswell 4000 is the latest generation low frequency cabinet. A fundamentally new design approach was applied early in the design stages utilising a complex combination of tuned reflex and partial short horn loading techniques. The result is a sub bass loudspeaker system of truly exceptional performance employing two 2000 Watt 18" transducers providing a full power response to 25Hz at an unrivalled sensitivity of 101dB at 1 watt, 1 metre.

The Groundswell 4000 anticipates the special requirements for large scale multi-cabinet applications. The cabinet's frontal area has been kept to an absolute minimum. Locating strips on the cabinet's top and bottom surfaces facilitate safe and secure cabinet stacking.

The Groundswell 4000 is a remarkably compact and easily transported sub bass enclosure, eminently suited to all manner of pro-audio applications including arena scale Touring Concert Systems, Dance Clubs, Cinemas and Houses of Worship.

The Groundswell 4000 is available with many finish and hardware options making for a truly versatile and professional low frequency delivery system.

GROUNDSWELL 4000 EXCELLENCE IN AUDIO

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FEATURES

- **4000 Watt Power Handling**
- **Powerful Sub Bass Reproduction**
- **25Hz Response**
- **3 Year Warranty**

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SPECIFICATIONS

Transducer Complement		2 x 18" Sub Bass Transducers
Frequency Response		25 Hz - 160 Hz \pm 3 dB
Sensitivity		101 dB @ 1 watt, 1 metre
Maximum Input	Continuous Program	2000 Watts RMS 4000 Watts Program
Maximum SPL (Calculated)	Continuous Program	134 dB @ 1 metre 137 dB @ 1 metre
Nominal Impedance		1 x 4 Ohm Load or 2 x 8 Ohm Loads
Physical Size		Height 602mm, Width 1350mm, Depth 950mm
Nett Shipping Weight		126 Kgs (Varies slightly with options)
Connectors		2 x Speakon Connectors (Wired as 1 x 4 Ohms or 2 x 8 Ohms)
Hardware and Flying Options		Handgrips. Castors. Locating Strips for cabinet stacking. Fixed Installation Attachment Points. Fly Track Rigging System.
Cabinet Finish Options		Textured Black Paint Finish. AcoustiCoate Black Elastomer Finish. A wide range of decor matched and custom finishes are available.
Grille Finish Options		Black Powder Coat Paint Finish. Chrome Plated. Weather Resistant Treatment. Colour matched for decor cabinets.

The Groundswell 4000 enclosure is constructed of high quality 18mm and 25mm Finnish Birch Ply.

A wide range hardware, grille and cabinet finishing options are available.

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.

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 Groundswell 4000 without prior warning in the interests of product improvement.

APPLICATIONS

- **Live Music Sound Reinforcement Systems**
- **Dance Club Sub Bass Reinforcement**
- **Corporate, Industrial and Movie Theatres**
- **Sporting Events and Stadiums**
- **Bass Enhancement In Theme Park Audio Systems**



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