

GROUNDSWELL 6000



LOW FREQUENCY
DELIVERY SYSTEM



Touring and Installation

The Acoustic Technologies Groundswell 6000 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 3000 Watt 18" transducers providing a full power response to 25Hz at an unrivalled sensitivity of 101dB at 1 watt, 1 metre.

The Groundswell 6000 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 6000 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 6000 is available with many finish and hardware options making for a truly versatile and professional low frequency delivery system.

Key Features

- 6000 Watt Power Handling
- Powerful Sub Bass Reproduction
- 25Hz Response
- 3 Year Warranty

Overview

- Dimensions: Height 602mm, Width 1350mm, Depth 950mm
- Weight: 126 Kgs (Varies slightly with options)
- Finish: AcoustiCoate Black Elastomer Finish
- Transducer: 2 x 18" Sub Bass Transducers

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Acoustic Performance

Frequency Response		5 Hz - 160 Hz \pm 3 dB
Sensitivity		101 dB @ 1 watt, 1 metre
Maximum Input	Continuous	3000 Watts RMS
	Program	6000 Watts Program
Maximum SPL	Continuous	134 dB @ 1 metre
(Calculated)	Program	137 dB @ 1 metre

System Components

Transducer Complement	2 x 18" Sub Bass Transducers
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Amplifier Specifications

Nominal Impedance	1 x 4 Ohm Load or 2 x 8 Ohm Loads
Connectors	2 x Speakon Connectors (Wired as 1 x 4 Ohms or 2 x 8 Ohms)

Enclosure Specifications

Physical Size	Height 602mm, Width 1350mm Depth 950mm
Weight	126 Kgs (Varies slightly with options)
Enclosure 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
Hardware and Flying Options	Handgrips Castors Locating Strips for cabinet stacking Fixed Installation Attachment Points Fly Track Rigging System

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 6000 without prior warning in the interests of product improvement.

Suggested 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

The Groundswell 6000 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 material is bonded to the mesh providing a durable, visually appealing finish.



Acoustic Technologies

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