



élite

Passive Series

# LS1208

## Overview

A two year investigation into the optimization of high output low frequency sound has yielded the LS1208 "basspipe" subwoofer system. The "basspipe" is a multiple flare horn, connected to an organ like pipe, slowly flaring to the mouth. The bandwidth is narrowed, optimized to a specific range in the lower registers. Outdoor measurements show very smooth, very high output in the 35Hz to 200Hz range. This is the highest efficiency that we have ever seen for a single 18" driver enclosure, especially with a gross volume of only 22 cubic feet. In addition, a significant gain is achieved when using two units side by side as the mouth nears maximum acoustic load.

Additional research has developed a woofer with significantly higher power handling than any other speaker that we currently use, making the LS1208 one of the highest output subwoofers available at any price. Performance, packaging, and overall value make the LS1208 a benchmark.

Suitable for touring or fixed installations, the cabinets are constructed of 15mm 11-ply Baltic Birch with heavy internal bracing for reduced resonance and better durability. The enclosure is covered in a black carpet covering and incorporates metal corner protectors, rugged curved anti-resonant metal grilles, and 1/4" or Speakon™ input connectors. An optional finish of black ultrathane paint (LS1208B) is also available. Additionally, the Speakon™ connectors feature a configuration switch which allows instant reversal of Speakon™ jack pinouts for easy single wire hook-up using optional four wire Speakon™ cables. The LS1208 includes tilt-back wheels and top/rear mounted corner handles for better maneuverability and stacking.



## Features

- 4000 Watt 18-inch Subwoofer (2000 Watts Program)
- Max SPL 139dB Peak (136dB Continuous)
- Horn-Loaded Bass-Pipe Cabinet Design
- 8 Ohm Design for Easy Amplifier Configuration
- 35Hz - 200Hz Frequency Response
- 2 x Speakon™ and 2 x 1/4-inch Parallel Inputs
- Solid 5/8-inch (15mm) Birch Plywood Construction
- Made in Canada



## Specifications

System Type	Horn Loaded Subwoofer
Active or Passive	Passive
Program Power (Watts)	2000 Watts (4000 Peak / 1000 Continuous)
Nominal Impedance (Ohms)	8
Sensitivity (dB @1Watt/1m)	105
Max SPL (dB)	139dB Peak (136dB Continuous)
Frequency Response (Hz +/- 3dB)	35 - 200
Driver Configuration	18-inch Ceramic Magnet w/4-inch Voicecoil
Inputs - 1/4" Jacks	2
Inputs - Speakon 4-pin	2
Other Controls / Features	Speakon™ connectors feature a configuration switch which allows instant reversal of Speakon™ jack pinouts for easy single wire hook-up using optional four wire Speakon™ cables.
Corners	Black Steel
Wheels	2 Rear
Bar Handles	2 Top, 2 Side
Enclosure Materials	15mm (5/8inch) 11-ply Russian Birch
Grille	Heavy gauge perforated metal
Covering / Finish	Black Ozite (Carpet)
Optional Covering / Finishes	Black Ultrathane Paint (LS1208B)
Dimensions (DWH xbackW COM inches)	33 x 28 x 43.5
Dimensions (DWH xbackW COM cm)	83.8 x 71 x 110.5
Weight (lbs/kg)	181.7 / 82.4

*Specifications subject to change without notice*