



Overview

First choice in active subwoofers, the LS801P combines a cast-frame 18-inch bass driver with a rear-loaded bass horn enclosure made from 15mm birch ply covered in rugged black carpeting (black Ultrathane painted version - LS801PB is also available). Now add 2500 watts of onboard peak power featuring full-time "invisible" limiting. Result - a rugged, high-powered "earth mover." Balanced XLR inputs are included along with 1/4-inch TRS inputs which, at the push of a button, can handle either line-level or speaker-level signals (you can simply connect it to any full-range speaker for quick and easy setups). Connections also include both XLRM and 1/4" Output Link jacks for interconnecting up to 10 LS801P's in larger concert systems. An additional XLR 'Mono Blend Input' allows the LS801P to function in a stereo system by blending the balanced L & R signals from a stereo mixer and creating a single in-phase mono signal.

The control panel features a +/- 12dB Level pot for matching the LS801P's output with the rest of the system, a tunable 90 to 150Hz HF Roll off pot to let you match the LS801P to any full-range enclosure without an electronic crossover, a unique Shape control that modifies the bass response, a Line/Speaker Input Level button and LED's to indicate Power, Limit and Clip.

Hardware includes four steel inset handles, a steel top-mounted pole-stand adapter, a heavy-gauge curved steel grill and tilt-back wheels.

LS801P - Black Ozite (Carpet) Finish

LS801PB - Black Ultrathane (Painted) Finish



Features

- Integrated 2500 Watt Amplifier (Peak - 1500 Watts Program)
- 18-inch Woofer
- Max SPL 140dB Peak (134dB Continuous)
- 45Hz - 150Hz with Adjustable HF Roll-Off
- 45Hz - 90Hz Variable Boost Frequency
- Paralleled XLR and 1/4-inch Selectable Line or Speaker Level Inputs
- Excursion, Peak and Thermal Woofer Protection
- Integrated All Metal Speaker Pole Mount Adaptor
- Solid 5/8-inch (15mm) Birch Plywood Construction
- Made in Canada



LS801P Rear Panel



Specifications

System Type	Rear Horn Loaded Subwoofer
Active or Passive	Active
Program Power (Watts)	1500 Watts (2500 Watts Peak)
Max SPL (dB)	140dB Peak (134dB Continuous)
Frequency Response (Hz +/- 3dB)	45 - 150
LF Driver(s)	18-inch Cast Frame Woofer w/4-inch Voicecoil
LF Protection	Thermal / Overcurrent / Clip
Power Consumption (typ/max)	120V (6.6A / 7.5), 230V (3.3A / 3.9)
Inputs - 1/4" Jacks	2 line/speaker level inputs, 2 link (in/out)
Inputs - XLR	2 line inputs, 2 link (in/out)
Level Controls	Master
Other Controls / Features	Active Controls: Level Low Pass Filter Frequency Bass Boost Level
Corners	Metal
Feet	Rubber
Wheels	Rear tilt-back
Bar Handles	2 (Side), 1 (Rear)
Pole Mount Adapter (1 3/8" -3.5cm)	1 (Top)
Enclosure Materials	15mm (5/8inch) 11-ply Russian Birch
Grille	Perforated Metal
Covering / Finish	Black Ozite (Carpet)
Optional Covering / Finishes	Black Ultrathane Paint (LS801PB)
Dimensions (DWH xbackW, inches)	23 x 27.5 x 32
Dimensions (DWH xbackW, cm)	58.4 x 70 x 81.3
Weight (lbs/kg)	137.3 / 62.3

Specifications subject to change without notice