



subwoofer V18

LFE



INTRODUCTION

The V18 Bass Engine produces 137 dB of continuous output and a peak output of 143 dB, this is truly the new reference standard for subwoofers. In an impressively massive, deep enclosure (unlike the slim P18), Procella's unique V-Loaded driver configuration produces coupling and compression loading between the drivers, resulting in lower distortion, improved transient response, and reduced cone excursion at high SPL. Its twin 18 inch long-throw professional subwoofer drivers have Neodymium magnets and 4 inch voice coils, with added aluminum demodulation rings to decrease distortion. A true subsonic generating engine, its response extends to 18 Hz at high output levels. The V18 requires external power using the rack-mounted Procella DA5000-DSP power amplifier (recomended).

TECHNICAL SPECIFICATIONS

Frequency Response - 3 dB 18 Hz

Maximum SPL @50 Hz

Continuous 137 dB
Peak 143 dB

Components

Dual long-throw professional 18" drivers with 4" voice coil, Aluminum demodulation ring and Neodymium magnets in 205 litre sealed box

Impedance

Each driver is 8 ohms nominal

Power Handling

Continuous 2 x 1,200W
Peak 2 x 3,000W

Sensitivity

1m/1W 105 dB

Connectivity

Dual gold-plated binding posts One input per driver

Construction

Heavily internally braced MDF Semi matte textured black paint finish

Dimensions

HxWxD 20.5" x 41.3" x 26.375"
520 x 1050 x 670 mm

Shipping Carton

HxWxD 31.5"x47.25"x29.5"
800 x 1200 x 750 mm
(palletized crate)

Net weight

164.2 Lbs / 74.5 Kg

Shipping weight

206 Lbs / 93.5 Kg (plus pallet)

Included

Damper feet, protective grill

Assembly

Sweden; 100% QC testing

External Amplification

Two channels of external power amplification are required. Procella recommends the DA5000-DSP. See Tech Sheets for specifications

- DA5000-DSP 2 x 2,500W @ 8 ohms, bridged
- Provides EQ for subwoofer, plus room compensation for placement, against wall, in corner or in baffle wall