



## 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 DA08-DSP power amplifier (recommended).

## 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
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### 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" x 47.25" x 29.5"
(palletized crate)	800 x 1200 x 750 mm

### 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

- DA08-DSP: 2 x 800 W at 8 or 2x 3.200W at 8 ohms bridged
- selectable EQ preset for V18