



# subwoofer V21

LFE



## INTRODUCTION

The V21 Bass Engine produces 139 dB of continuous output and a peak output of 145 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 21 inch long-throw professional subwoofer drivers have Neodymium magnets and 4,5 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 V21 requires external power using the rack-mounted Procella DA08-DSP power amplifier.

## TECHNICAL SPECIFICATIONS

**Frequency Response** - 3 dB 18 Hz

### Maximum SPL @50 Hz

Continuous 139 dB  
Peak 145 dB

### Components

Dual long-throw professional 21" drivers with 4.5" voice coil, Aluminum demodulation ring and Neodymium magnets in 255 litre sealed box

### Impedance

Each driver is 8 ohms nominal

### Power Handling

Continuous 2 x 1,700W  
Peak 2 x 3,200W

### Sensitivity

1m/1W 106 dB

### Connectivity

Dual gold-plated binding posts One input per driver

### Construction

Heavily internally braced MDF Semi matte textured black paint finish

### Dimensions

HxWxD 23.625" x 41.3" x 26.375"

620 x 1050 x 670 mm

### Shipping Carton

HxWxD 33.5"x47.25"x31.5"

850 x 1200 x 800 mm

(palletized crate)

### Net weight

179 Lbs / 81 Kg

### Shipping weight

219 Lbs / 99 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 DA08-DSP.

See Tech Sheets for specifications

- DA08-DSP 2x 800W or 2 x 3,200W (bridged) @ 8 ohms
- Provides EQ for subwoofer, plus room compensation for placement