



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 DA5000-DSP power amplifier (recomended).

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"

600 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 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