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 (reconmended).

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	23.625" x 41.3" x 26.375"
HxWxD	600 x 1050 x 670 mm
Shipping Carton	33.5"x47.25"x31.5"
HxWxD	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

