

# V18 - SUBWOOFER



## V-Dual 18 Inch Passive Subwoofer

### 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

|                                                 |                                                                                                                                       |                                                              |                                                |
|-------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|------------------------------------------------|
| <b>Impedance</b>                                | Each driver is 8 ohms nominal                                                                                                         | <b>Dimensions</b>                                            | 20.5" x 41.3" x 26.375"<br>520 x 1050 x 670 mm |
| <b>Frequency Response</b><br>-3dB               | 18Hz                                                                                                                                  | <b>Shipping Carton</b><br>WxHxD                              | 31.5"x47.25"x29.5"<br>800 x 1200 x 750 mm      |
| <b>Maximum SPL @ 50Hz</b><br>Continuous<br>Peak | 137dB<br>143dB                                                                                                                        | <b>Net Weight</b>                                            | 164.2 Lbs / 74.5 Kg                            |
| <b>Components</b>                               | Dual long-throw professional 18" drivers with 4" voice coil. Aluminum demodulation ring and Neodymium magnets in 205 litre sealed box | <b>Shipping Weight</b>                                       | 206 Lbs / 93.5 Kg (plus pallet)                |
| <b>Power Handling</b><br>Continuous<br>Peak     | 2 x 1,200W<br>2 x 3,000W                                                                                                              | <b>Included</b>                                              | Damper feet, parallel input cables             |
| <b>Sensitivity</b><br>1W/1m                     | 105dB                                                                                                                                 | <b>Assembly</b>                                              | Belgium; 100% QC testing                       |
| <b>Connectivity</b>                             | Dual gold plated binding posts.<br>One input per driver                                                                               | <b>Recommended Amplifier</b>                                 | 2-ch DA08-DSP                                  |
| <b>Construction</b>                             | Heavily internally braced MDF Semi matte textured black paint finish                                                                  | <b>Procella amplifiers are sold and packaged separately.</b> |                                                |

