



Specs Sheet

KRAKEN | Quad 21"
Powered Subwoofer

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Quad 21" Powered Subwoofer

Intense BASS to 25Hz ○

Extreme Output SPL ○

Tiny Footprint vs Output Ratio ○

8000W RMS Class D Amp ○

Description:

The Kraken embrace is both crushing and inescapable, and you'll love every minute of it!

The most extreme bass output we can pack into the smallest footprint. The Kraken offers the highest SPL on the market from a cabinet of its size, bar none. The output of 4-5 BASSBOSS double 18" subs has been packed into a cabinet roughly the size of just two.

The Kraken embrace is a monstrously beautiful thing. Capable of almost brutal force, it hits so good. Just like the VS21 Single 21" Powered Subwoofer, excellent transient response is delivered by the efficient performance of short horns at the upper end of the subwoofer range. The extended depth is delivered by the large, vented volume, long excursion drivers, and prodigious power.

The Kraken is a vented, short-horn, quad 21" bandpass subwoofer. The four drivers are loaded into a large acoustical volume that is tuned to a low frequency, and each is front-loaded onto a short horn. The vented enclosure section provides extended deep bass performance and the horn section provides increased upper frequency sensitivity and improved transient response.

BASSBOSS products are hand-assembled. They are meticulously constructed from 18mm Baltic Birch plywood, using dado joints, screws, extensive bracing and advanced composite adhesives.

The enclosures feature UHMW Polyethylene sliders on all four sides, with corresponding recesses in the opposite sides to facilitate interlocking the boxes when stacked. The included transport carts also feature recesses which the feet lock into for secure transporting.

8000W RMS of amplification and comprehensive DSP is included. The amplifier is rated for RMS output using continuous sine wave signal. This is not a "peak" or "burst" power rating because your sub won't be used in millisecond bursts. For subwoofer applications, peak and burst power ratings are largely irrelevant.

The amplifiers are capable of delivering 8000W of continuous output. This ensures the amps aren't the limiting factor in the output of low frequencies. Providing abundant power prevents overheating issues and virtually eliminates the damage that clipping a too-small amp can cause.

For larger events, several arraying options are available. Block arrays, side-by-side arrays and front/back Cardioid arrays can be deployed securely thanks to the interlocking feet. Presets are included in the DSP.

The Quad 21" Kraken Powered Subwoofer is designed for large scale festival touring systems; high-intensity nightclubs; art cars/carnival floats; and most importantly, BASS junkies who need the most body + face melting bass they can get.

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SPECIFICATIONS

Acoustical

Loudspeaker Description:	High-output Quad-21 inch Subwoofer
Frequency Response (± 3 dB):	25 – 90 Hz
Maximum Sustained Output:	145 dB SPL, 1 meter, half-space (ground plane)
Max SPL (Peak)*	148 dB
Nominal Dispersion ($^{\circ}$ H x $^{\circ}$ V):	360 x 360 - Cardioid mode available with multiple boxes

Electrical

Amplification:	8000 Watt Continuous RMS Class D Subwoofer-Optimized
Processing:	Integrated comprehensive DSP provides high pass, low pass, phase alignment, cardioid processing and limiting
Electrical Connectors, Amp:	2 X Neutrik powerCON Input (Blue) NAC3FCA
Electrical Connector, Mains:	2 x Standard US 3-pin 120V electrical plug: NEMA 5-15 (Edison)
Voltage Operating Range:	90-132VAC, 55-65Hz
Current Draw, Nominal:	8A (2 x 4A) @ 120 volts (typical, 1/8 max power)
Current Draw, Peak:	40A (x2)
Current Draw, Continuous:	Limited to 16.5A after 1 second (x2)
Signal Input Connectors:	XLR-F
Signal Output Connectors:	XLR-M pass-through only

Physical

Enclosure Type:	Vented, short horn hybrid
Transducer:	4 x 21 inch diameter (540 mm) neodymium motor woofer with 58 mm (2.28") peak to peak excursion. Waterproof fiber composite cone
Cabinet Construction:	18mm Baltic Birch plywood, dado joints, stainless steel hardware
Dimensions (HxWxD):	48" x 48" x 36" (121.92 cm x 121.92 cm x 91.44 cm) - 49" (124.46 cm) high with feet
Net Weight:	460 lbs. (209 kg)
Shipping Weight:	550 lbs. (249 kg)
Exterior Finish:	Rugged, weatherproof, black textured, bonded high-pressure polyurethane coating
Grill:	Perforated, powder-coated steel
Feet:	UHMWPE strips x 8, 2 on e each of 4 sides
Handles:	20 x Steel bar handles

Optional

Flying Hardware:	Rigging system included with Kraken Global version
Suspension System:	Support Frame for multiple boxes
Amp for Installation:	Complete power package including DSP in two space rack chassis for permanent installations
Installation Version:	Available without handles and pole sockets
Transport Dollies:	Included – Dolly cart with 4 locking casters and recesses to accept interlocking cabinet sliders. Constructed of Birch Plywood. 1400lb max capacity. 49"x36"x6")
Online Information:	bassboss.com/kraken

*Peak output is calculated using "industry standard" techniques. These calculation methods create theoretical specifications that are inflated over what can actually be achieved. BASSBOSS real world output specifications are provided as "Maximum Sustained Output" ratings, which reflect actual measured, continuous output levels.

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