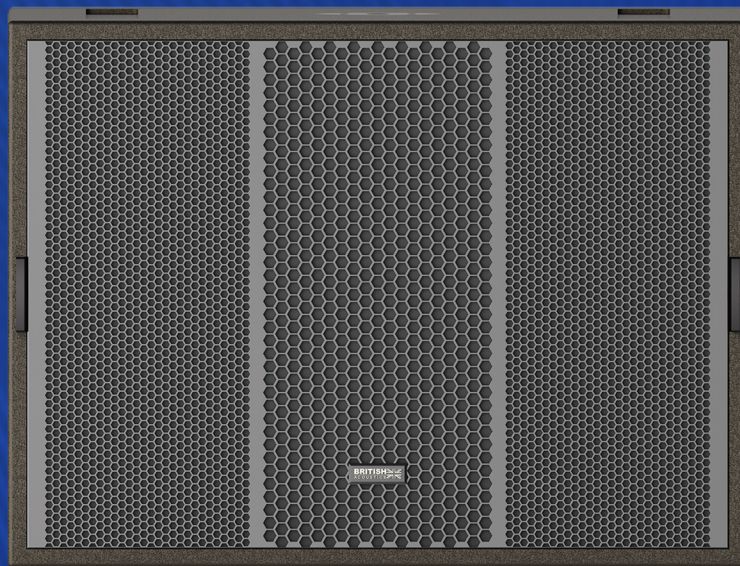


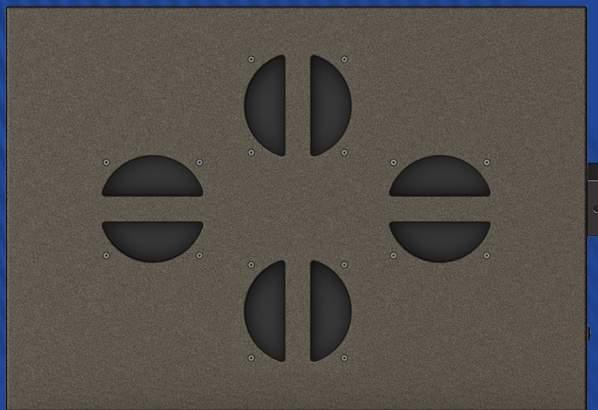
ALPHA SUB 418 S

18" PASSIVE SUBWOOFER



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The British Acoustics Alpha Sub 418 S is a robust passive subwoofer designed for delivering unparalleled low-frequency performance across a variety of professional sound setups. It features an 18-inch long-excursion driver, complete with a 4-inch copper voice coil for extended bass response and precision. Built to cater to both indoor and semi-protected outdoor environments, the subwoofer is constructed with durability and functionality in mind.



Housed within a marine-grade birch plywood enclosure, this subwoofer boasts a granular scratch-resistant polyurea coating, ensuring resilience in demanding use cases. Complementing its sturdy build are perforated black steel grills for additional protection and a sleek aesthetic. Integrated handles and M10 flying inserts make it versatile for mobile events or fixed installations. The Alpha Sub 418 S combines technical ingenuity with durable craftsmanship to meet the high standards of professional audio performance.





ACOUSTICAL SPECIFICATIONS

- Freq. Response (-3 dB) : 34 Hz - 800 Hz
- Freq. Range (-10 dB) : 41 Hz - 200 kHz
- Rated Power : 1200W AES, 4800W Peak
- Omni-directional Coverage
- Cardioid presets available
- Nominal Impedance : 8 Ω
- Crossover : 80 - 120 Hz Active
- Max Output : Cont 129 dB, Peak 135 dB
- 2 x Speak-On Sockets, Input & Thru

SYSTEM SPECIFICATIONS

- Recommended System Control : Delta Drive DSP Control Systems
- Recommended Amplifiers : See Amplifier load calculation chart

LF TRANSDUCER

- 18" Low Frequency Long Excursion Driver
- 1200W AES, 4800W Peak
- 4" Copper Voice Coil - Ferrite Magnet
- 3L Resistance Coating

- Minimal Power Compression with optimised air-paths
- Aluminum Demodulation Ring for reduced distortion

HOUSING

- Marine Birchply Enclosure
- Granular Scratch Free Polyurea Paint
- Perforated Black, Pressed Steel Grills
- Integrated Handles on Either Side
- Includes a set of round bottom feet for secure and stable stacking
- Sloped Input Plates
- M10 Flying inserts
- Installation brackets : Alpha Throne (H), Alpha Throne (V), Alpha Yoke B410

IP SPECIFICATIONS

- Standard Version : IP 42 - Offers basic protection against dust & splashes

AESTHETIC SPECIFICATIONS

- British Acoustics Signature Umber Brown

tone

- Blue Decals on Grills for better Aesthetics
- Available in a RAL code of your choice (24 nos, minimum)

OPERATING PARAMETERS

- Operating positions: Can be used horizontally or vertically and can be used as a stack of subs
- Maximum permitted ambient temperature (Ta max) 55° C (124° F)
- Minimum permitted ambient temperature (Ta min): -20° C (-4° F)

OPTIONAL ACCESSORIES

- ACC-M10 : M10 Eye Bolt
- ACC-PM S: Threaded Subwoofer Pole Mount
- ACC-4DC : Set of 4 Castor Wheels
- ACC-SWC418 - Nylon Cover for Subwoofer

SIZE

- Product: 530 x 655 x 772 mm (H x W x D)
- Product: 20.9 x 25.8 x 30.4 inch (H x W x D)
- Packed individually

WEIGHT

- Net : 50.3 Kgs
- Net : 110.9 Lbs

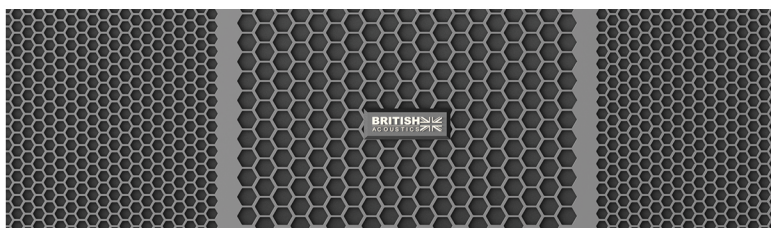
SHIPPING INFORMATION

- Carton Size
605 x 730 x 847 mm (H x W x D)
23.8 x 28.7 x 33 inch (H x W x D)
- Gross Weight : 52.8 Kgs / 116.4 Lbs
- Packed : Individually

PRODUCT INFORMATION

- Model No : Alpha Sub 418 S
- Series 4
- Tags : 18" Passive Subwoofer

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*Safe Installation & Rigging Practices : Installation must be by authorized personnel, following safety and rigging standards to avoid liability.
*Product specifications and design may change due to raw material variations or the addition of new features and technologies for improved performance and reliability.
*SPL Calculated @ 1m, Free Field with Pink Noise - Crest Factor 4





One Basecamp, 49 Jamaica Street, Liverpool, L10AH, Great Britain.
Email - info@britishacoustics.com | Tel - +44 (0) 151 515 0170
www.britishacoustics.com