

ALPHA SUB 428 S

TWIN 18" PASSIVE SUBWOOFER



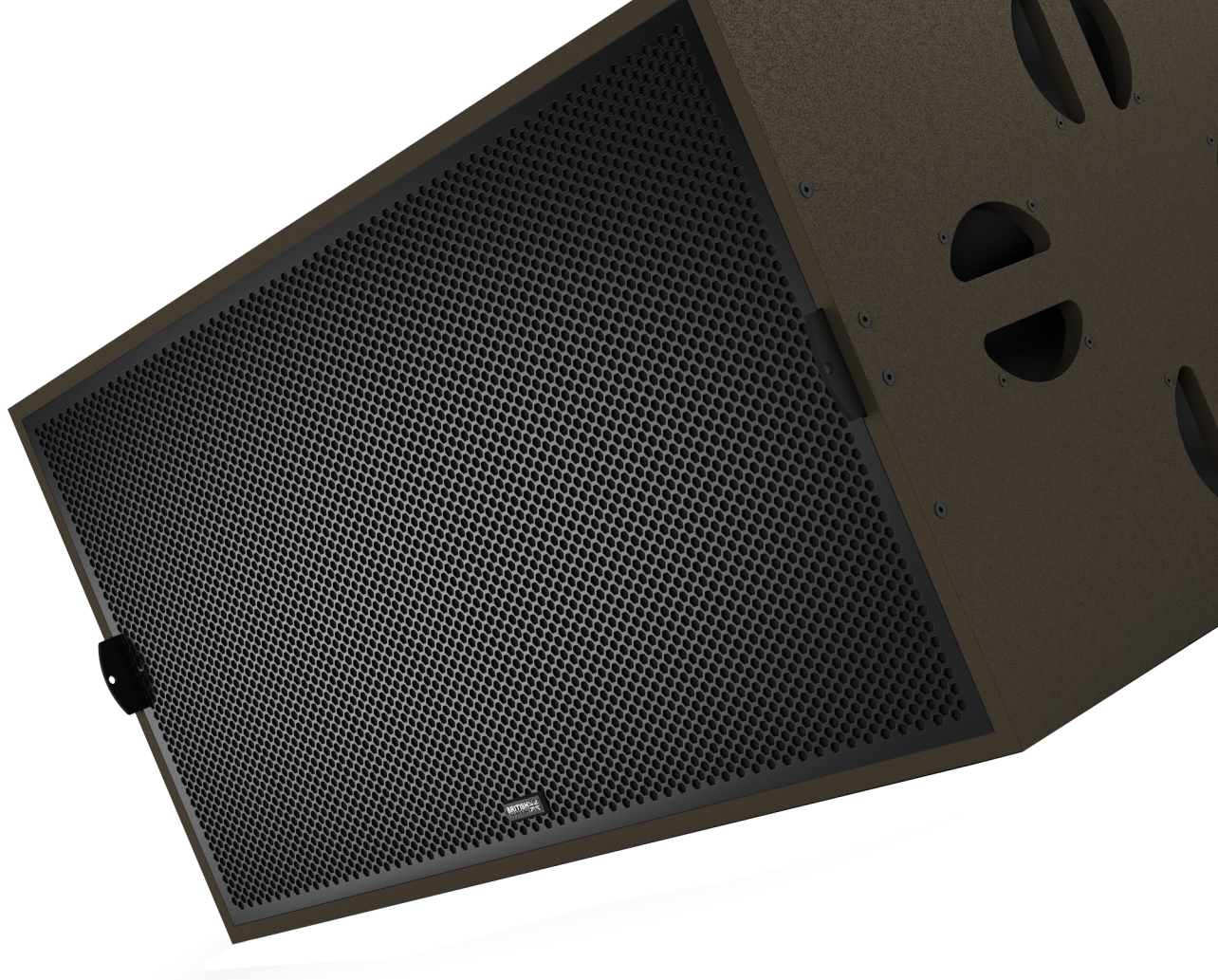
ALPHA SUB 428 S PASSIVE SUBWOOFER

The British Acoustics Alpha Sub 428 S is a robust twin 18-inch passive subwoofer crafted to provide immense low-frequency performance for professional audio systems. Featuring dual 18-inch long-excursion drivers, each with a 4-inch copper voice coil, this subwoofer delivers a continuous AES power of 1200W and an impressive peak power of 4800W. It ensures omni-directional coverage and includes cardioid presets for enhanced flexibility in live events, concerts, and installations.



Built for durability, the Alpha Sub 428 S features a marine-grade birch plywood enclosure coated with scratch-resistant polyurea paint. Its perforated black steel grills offer added protection and a sleek, professional appearance. The IP42-rated housing provides essential protection against dust and splashes, making it suitable for controlled indoor environments. Integrated handles and M10 flying inserts enhance portability and ease of setup, while optional accessories like castor wheels and subwoofer pole mounts expand its versatility. With its superior build quality and exceptional bass output, the Alpha Sub 428 S is a preferred choice for audio professionals.





ACOUSTICAL SPECIFICATIONS

- Freq. Response (-3 dB) : 32 Hz - 190 Hz
- Freq. Range (-10 dB) : 37 Hz - 200 kHz
- Rated Power : 2400W AES, 9600W Peak
- Omni-Directional Coverage
- Cardioid presets available
- Nominal Impedance : 4 Ω
- Crossover : 80 - 120 Hz Active
- Max Output: Cont 136 dB, Peak 142 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
- 2 Drivers connected in parallel
- 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: 508 x 1198 x 762 mm (H x W x D)
- Product: 20x 47.2x 30 inch (H x W x D)
- Packed individually

WEIGHT

- Net : 82 Kgs
- Net : 180 Lbs

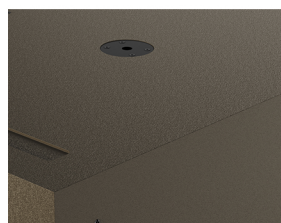
SHIPPING INFORMATION

- Carton Size
583 x 1273 x 837 mm (H x W x D)
23 x 50 x 33 inch (H x W x D)
- Gross Weight : 86.1 Kgs / 189.8 Lbs
- Packed : Individually

PRODUCT INFORMATION

- Model No : Alpha Sub 428 S
- Series 4
- Tags : Twin 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





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