

ALPHA SOURCE 428 WR

2 X 8" WIDE APPLICATION HIGH PERFORMANCE PASSIVE SPEAKER



 **BA**
BRITISH ACOUSTICS

ALPHA SOURCE 428 WR PASSIVE SPEAKER

The British Acoustics Alpha Source 428 WR is a powerhouse in subwoofer performance, delivering robust and immersive low-frequency audio for demanding professional applications. Featuring twin 18-inch low-frequency long excursion drivers with a 4-inch copper voice coil, this subwoofer is built to provide deep, powerful bass with precision and clarity. As part of the WR Series, the Alpha Source 428 WR is IP54-rated, ensuring superior resistance against dust and water, making it an excellent choice for both indoor and outdoor setups.



The subwoofer's marine birch plywood enclosure is enhanced with a granular scratch-free polyurea paint finish, ensuring exceptional durability and a refined aesthetic. Perforated black steel grills offer additional protection while complementing its professional design. With multiple deployment options, including M10 flying inserts and compatibility with various mounting accessories, the Alpha Source 428 WR combines performance with flexibility. Ideal for large-scale events, live performances, and permanent installations, this subwoofer represents the pinnacle of British Acoustics engineering.





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

- WR Version : IP 54 - Offers greater resistance against dust & water

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

- See system chart for the System Accessories

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 Source 428 WR
- Series 4
- Tags : 2 x 18" Passive Speaker

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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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