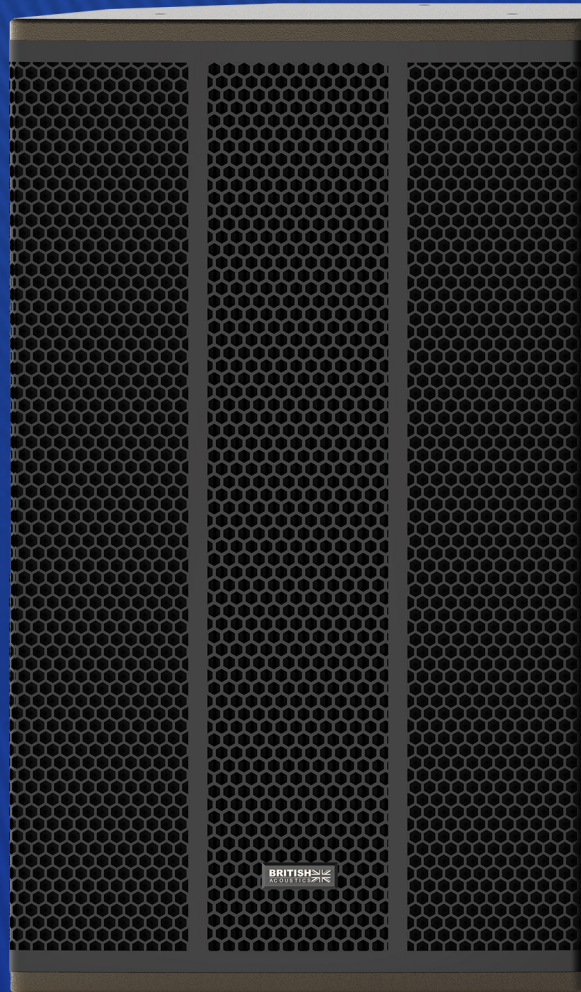


ALPHA SOURCE 415 WR

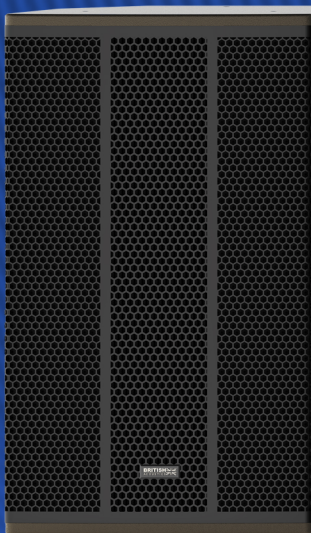
15" HIGH PERFORMANCE PASSIVE SPEAKER



 **BA**
BRITISH ACOUSTICS

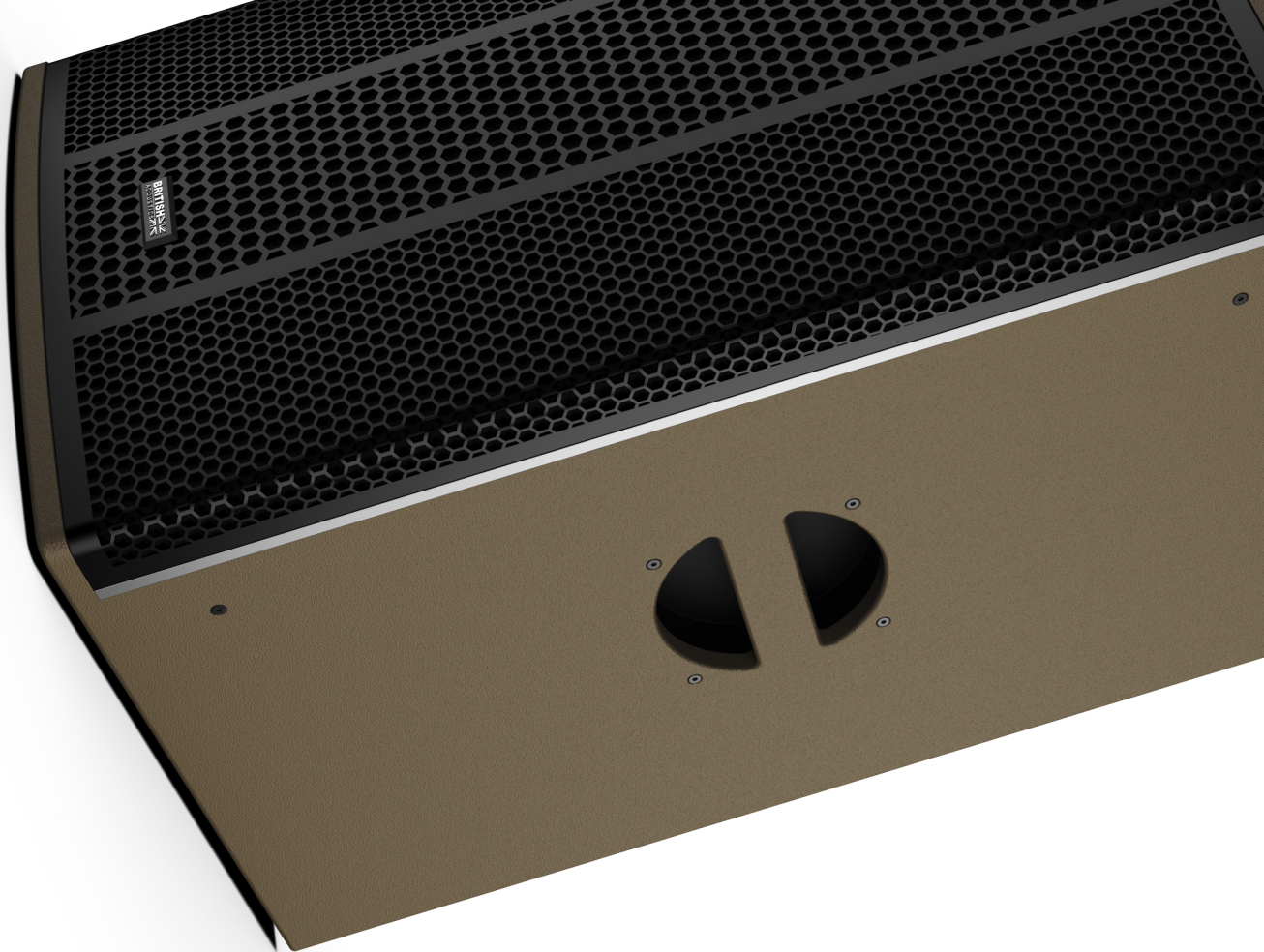
ALPHA SOURCE 415 WR PASSIVE SPEAKER

The British Acoustics Alpha Source 415 WR is engineered for high-performance sound delivery with a rugged design, making it ideal for versatile professional applications. Featuring a 15-inch low-frequency driver with a 3" copper voice coil and a 1.4-inch HF compression driver, it ensures powerful, consistent sound quality. Its IP54 rating guarantees enhanced resistance to dust and water, making it a perfect solution for both indoor and outdoor setups.



Crafted with a marine-grade birch plywood enclosure and finished with scratch-free polyurea paint, the Alpha Source 415 WR offers exceptional durability and aesthetic appeal. Integrated handles, M10 flying inserts, and sloped input plates enhance its versatility and ease of installation. The speaker's ability to adapt to horizontal or vertical positioning, combined with its compatibility with various installation accessories, ensures seamless integration into diverse sound systems. Whether used in live events or fixed installations, the Alpha Source 415 WR stands out for its superior performance and reliability.





ACOUSTICAL SPECIFICATIONS

- Freq. Response (-3 dB) : 55 Hz - 20 kHz
- Freq. Range (-10 dB) : 40 Hz - 20 kHz
- Rated Power : 600W, 2400W Peak
- H Dispersion : 90° (-6 dB)
- V Dispersion : 50° (-6 dB)
- User Rotatable Horns
- Crossover : .2 kHz or Bi-amplified
- Nominal Impedance : 8 Ω
- Max Output: Cont 128 dB, Peak 134 dB
- 2 x Speak-On Sockets, Input & Thru

SYSTEM SPECIFICATIONS

- Recommended Subwoofers : See Systems Chart for compatible subwoofers
- Recommended System Control : Delta Drive DSP Control Systems
- Recommended Amplifiers : See Amplifier load calculation chart

LF TRANSDUCER

- 15" Low Frequency Driver
- 550W, 2200W Peak
- 3" Copper Voice Coil - Ferrite Magnet

- Enhanced Airflow Path for minimal power
- Aluminum Demodulation Ring for reduced distortion

HF TRANSDUCER

- 1.4" Exit HF Compression Driver
- 50W, 200W Peak
- 2.5" Voice Coil - Ferrite Magnet
- Alpha Contour Waveguide ensuring consistent coverage

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

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)

IP SPECIFICATIONS

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

OPERATING PARAMETERS

- Operating positions: Can be deployed horizontally or vertically with the correct installation brackets or can be used as a monitor
- 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: 685 x 444 x 368 mm (H x W x D)
- Product: 27 x 17.5 x 14.5 inch (H x W x D)
- Packed individually

WEIGHT

- Net : 24.19 Kgs
- Net : 53.3 Lbs

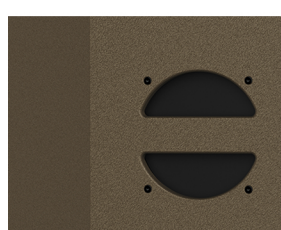
SHIPPING INFORMATION

- Carton Size
760 x 519 x 443 mm (H x W x D)
29.9 x 20.4 x 17.4 inch (H x W x D)
- Gross Weight : 25.3 Kgs / 55.78 Lbs
- Packed : Individually

PRODUCT INFORMATION

- Model No : Alpha Source 415 WR
- Series 4
- Tags : 15" WR Series Performance Installation 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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