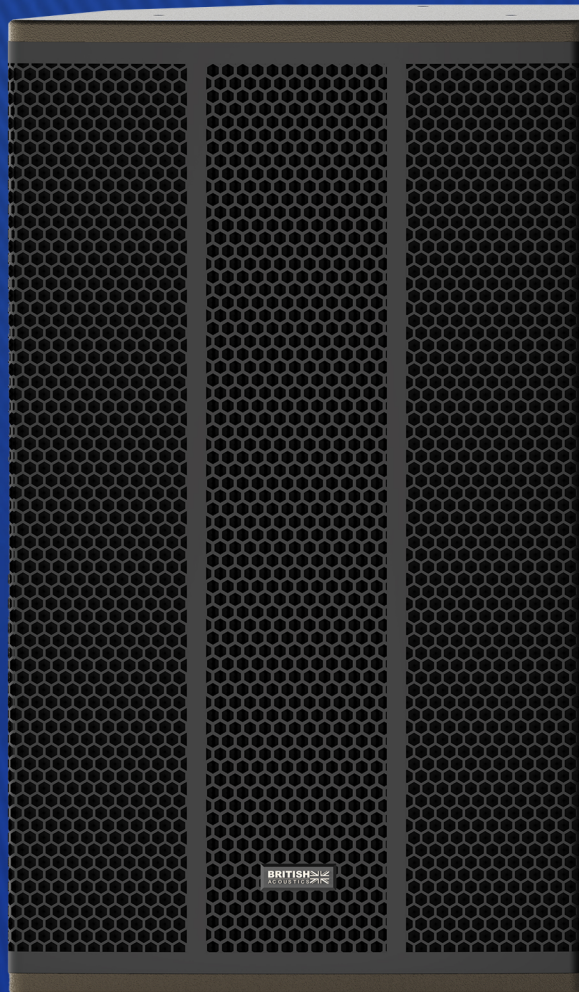


ALPHA SOURCE 415 AQUA

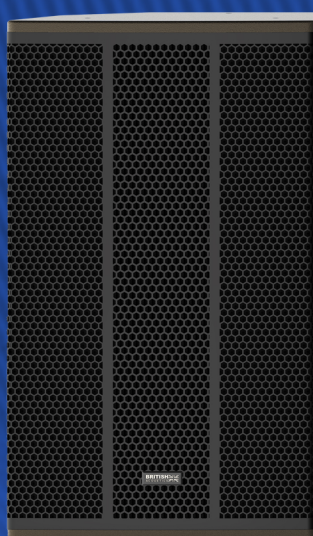
15" HIGH PERFORMANCE PASSIVE SPEAKER



 **BA**
BRITISH ACOUSTICS

ALPHA SOURCE 415 AQUA PASSIVE SUBWOOFER

The British Acoustics Alpha Source 415 Aqua is a robust 15-inch performance installation speaker from the Aqua Series, designed to deliver unmatched audio clarity and reliability in diverse environments. With its high-power transducers, including a 3" copper voice coil and a 1.4" HF compression driver, the Alpha Source 415 Aqua ensures precision and dynamic sound reproduction. Its IP65-rated design offers excellent resistance against dust, water, and corrosion, making it suitable for both indoor and outdoor applications.



Crafted from marine-grade birch plywood and protected by perforated steel grilles, the Alpha Source 415 Aqua combines durability with aesthetic appeal. It features user-rotatable horns and versatile mounting options, allowing seamless integration into any audio setup. Whether deployed as a monitor, flown, or pole-mounted, this speaker consistently delivers exceptional performance for professional installations.





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

- Aqua Version : IP 65 - Offers greater resistance against dust, water & corrosion

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 Aqua
- Series 4
- Tags : 15" Aqua-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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