

ALPHA SOURCE 408 AQUA

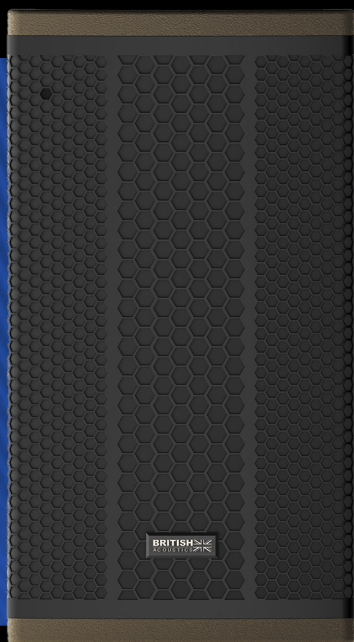
8" HIGH PERFORMANCE PASSIVE SPEAKER



 **BA**
BRITISH ACOUSTICS

ALPHA SOURCE 408 AQUA PASSIVE SPEAKER

The Alpha Source 408 Aqua is engineered to meet the highest standards of audio clarity and resilience, making it ideal for both indoor and outdoor installations. Featuring an 8" low-frequency driver and a 0.75" HF compression driver, this speaker ensures natural sound reproduction across a wide frequency range, from 60 Hz to 20 kHz. Its user-rotatable horns deliver versatile coverage, with horizontal and vertical dispersion options of 90° and 50°, respectively. The Alpha Contour Waveguide ensures precise, distortion-free performance, even in challenging acoustic environments.



Housed in a marine birch plywood enclosure, the Alpha Source 408 Aqua is coated with scratch-free polyurea paint and reinforced with perforated steel grills for added durability. With an IP65 Aqua rating, it offers superior protection against dust, water, and corrosion, making it perfect for outdoor installations. Designed with flexible mounting options, including M10 flying inserts and Alpha Throne brackets, it adapts seamlessly to a range of setups. Lightweight yet robust, this speaker represents a reliable and aesthetically pleasing choice for high-performance sound applications.





ACOUSTICAL SPECIFICATIONS

- Freq. Response (-3 dB) : 72 Hz - 20 kHz
- Freq. Range (-10 dB) : 60 Hz - 20 kHz
- Rated Power : 250W AES, 1000W Peak
- H Dispersion : 90° (-6 dB)
- V Dispersion : 50° (-6 dB)
- User Rotatable Horns
- Nominal Impedance : 8 Ω
- Crossover : 1.8 kHz or Bi-amplified
- Max Output : Cont 120 dB, Peak 126 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

- 8" Low Frequency Driver
- 220W AES, 880W Peak
- 1.3" Copper Voice Coil - Ferrite Magnet

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

HF TRANSDUCER

- 0.75" Exit HF Compression Driver
- 30W AES, 120W Peak
- 1" 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: 469 x 228 x 279 mm (H x W x D)
- Product: 18.5 x 9 x 11.0 inch (H x W x D)
- Packed individually

WEIGHT

- Net : 10.6 Kgs
- Net : 23.3 Lbs

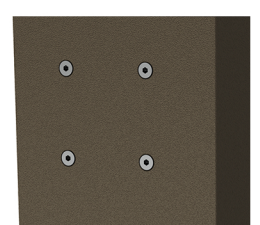
SHIPPING INFORMATION

- Carton Size
544 x 303 x 354 mm (H x W x D)
21.4 x 12 x 13.9 inch (H x W x D)
- Gross Weight : 11.13 Kgs / 24.5 Lbs
- Packed : Individually

PRODUCT INFORMATION

- Model No : Alpha Source 408 Aqua
- Series 4
- Tags : 8" 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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