

ALPHA SOURCE 426 AQUA

2 X 6" HIGH PERFORMANCE PASSIVE SPEAKER



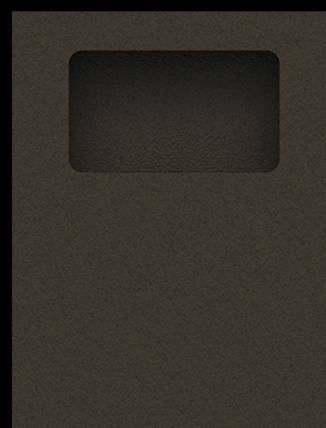
 **BA**
BRITISH ACOUSTICS

ALPHA SOURCE 426 AQUA PASSIVE SPEAKER

The British Acoustics Alpha Source 426 Aqua is a high-performance passive speaker crafted to deliver exceptional audio precision and reliability. Featuring a dual 6-inch low-frequency driver and a 0.75-inch HF compression driver, this speaker is designed to provide immersive sound with consistent coverage. As part of the Aqua Series, the Alpha Source 426 Aqua is IP65-rated, offering superior protection against dust, water, and corrosion, making it an ideal solution for both demanding indoor and outdoor installations.



The enclosure is constructed from premium marine birch plywood, coated with a granular scratch-free polyurea paint for enhanced durability and a refined aesthetic. Its perforated black steel grills provide added strength and a sleek design. Engineered for versatility, the speaker includes integrated handles and M10 flying inserts, supporting multiple mounting options for flexible deployment. With user-friendly features like rotatable horns and compatibility with various installation brackets, the Alpha Source 426 Aqua is tailored for professional audio applications where performance and reliability are critical.





ACOUSTICAL SPECIFICATIONS

- Freq. Response (-3 dB) : 90 Hz - 16 kHz
- Freq. Range (-10 dB) : 77 Hz - 16 kHz
- Rated Power : 300W AES, 1200W Peak
- H Dispersion : 120° (- 6 dB)
- V Dispersion : 60° (- 6 dB)
- Crossover : 2.1 kHz or Bi-amplified
- Nominal Impedance : 8 Ω
- Maximum SPL : Cont 118 dB, Peak 124 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

- 0606A-6LC- 6" Low Frequency Driver
- 2 Drivers connected in parallel
- 150W AES, 600W Peak
- 1.3" Copper Voice Coil - Ferrite Magnet

- 3L Resistance Coating
- Minimal Power Compression with optimised air-paths
- Aluminum Demodulation Ring for reduced distortion

HF TRANSDUCER

- A0775 - 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: 457 x 190 x 266 mm (H x W x D)
- Product: 18 x 7.5 x 10.5 inch (H x W x D)
- Packed individually

WEIGHT

- Net : 12.2 Kgs
- Net : 26.9 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 426 Aqua
- Series 4
- Tags : 2 x 6" High Performance 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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