

ALPHA SOURCE 408 WR

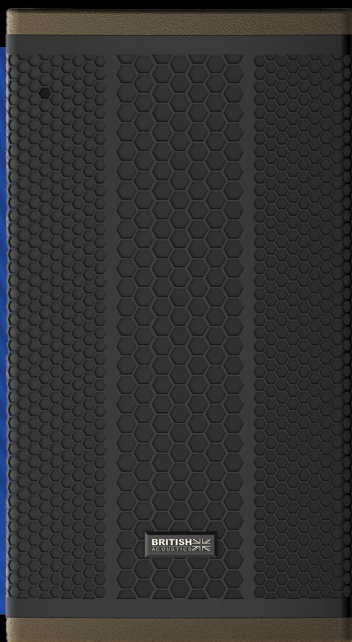
8" HIGH PERFORMANCE PASSIVE SPEAKER



 **BA**
BRITISH ACOUSTICS

ALPHA SOURCE 408 WR PASSIVE SPEAKER

The Alpha Source 408 WR is built for superior audio performance in both indoor and outdoor environments, withstanding challenging weather conditions thanks to its IP54-rated water and dust resistance. Its 8" low-frequency driver and 0.75" HF compression driver deliver crisp, full-range sound, optimized by the Alpha Contour Waveguide for smooth, distortion-free audio. Its wide 90° horizontal and 50° vertical dispersion ensure excellent sound coverage, making it ideal for public spaces, auditoriums, and outdoor events.



Crafted with a marine-grade birch plywood enclosure coated in scratch-resistant polyurea paint, this speaker is as robust as it is versatile. The WR version also features user-rotatable horns, multiple mounting options, and sloped input plates for seamless installations. The Alpha Source 408 WR combines functionality with a sleek design in British Acoustics' signature umber brown tone, proving it is the perfect choice for professional-grade audio in any setting.





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

- 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: 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

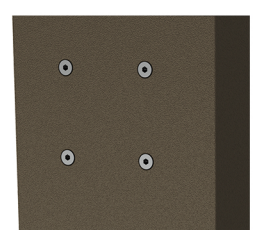
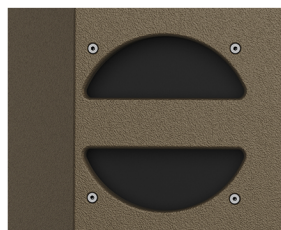
SHIPPING INFORMATION

- 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 WR
- Series 4
- Tags : 8" 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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