

ALPHA BLU 412

12" BLU-SERIES PERFORMANCE INSTALLATION SPEAKER



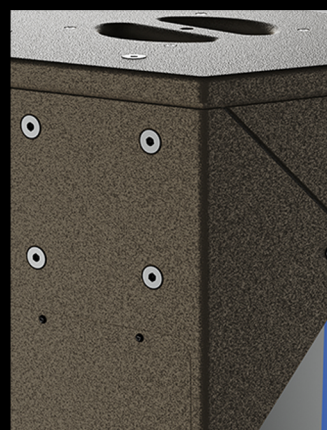
 **BA**
BRITISH ACOUSTICS

ALPHA BLU 412 BLU SERIES INSTALLATION SPEAKER

The British Acoustics Alpha Blu 412 is a premium 12-inch performance installation speaker, delivering unmatched clarity and reliability. Designed for professional applications, it features a 2.5-inch copper voice coil LF driver and a 1.4-inch HF compression driver, ensuring exceptional sound reproduction across a wide frequency range. Built to endure rigorous usage, the Alpha Blu 412 is a trusted choice for both indoor and outdoor environments.



Crafted with a marine-grade birch plywood enclosure and coated in scratch-free polyurea paint, this speaker is as durable as it is visually appealing. The perforated black steel grills offer protection and a polished look. User-friendly features such as integrated handles, sloped input plates, and M10 flying inserts make installation and handling seamless. Its rotatable horns and compatibility with a range of installation brackets make the Alpha Blu 412 a flexible and dependable solution for modern sound systems.





ACOUSTICAL SPECIFICATIONS

- Freq. Response (-3 dB) : 59 Hz - 20 kHz
- Freq. Range (-10 dB) : 50 Hz - 20 kHz
- Rated Power : 500W AES, 2000W Peak
- H Dispersion : 90° (-6 dB)
- V Dispersion : 50° (-6 dB)
- User Rotatable Horns
- Crossover : 2.1 kHz or Bi-amplified
- Nominal Impedance : 8 Ω
- Max Output : Cont 127 dB, Peak 133 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

- 12" Low Frequency Driver
- 450W AES, 1800W Peak
- 2.5" 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 AES, 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

- Standard Version : IP 42 - Offers basic protection against dust & splashes

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: 622 x 355 x 457 mm (H x W x D)
- Product: 24 x 16 x 13 inch (H x W x D)
- Packed individually

WEIGHT

- Net : 21.7 Kgs
- Net : 47.8 Lbs

SHIPPING INFORMATION

- Carton Size
697 x 430 x 532 mm (H x W x D)
27.4 x 16.9 x 20.9 inch (H x W x D)
- Gross Weight : 22.7 Kgs / 50Lbs
- Packed : Individually

PRODUCT INFORMATION

- Model No : Alpha Blu 412
- Series 4
- Tags : 12" Blu-Series Performance Installation Speaker

BA & British Acoustics are registered trademarks in the UK and other regions worldwide.
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





One Basecamp, 49 Jamaica Street, Liverpool, L10AH, Great Britain.
Email - info@britishacoustics.com | Tel - +44 (0) 151 515 0170
www.britishacoustics.com