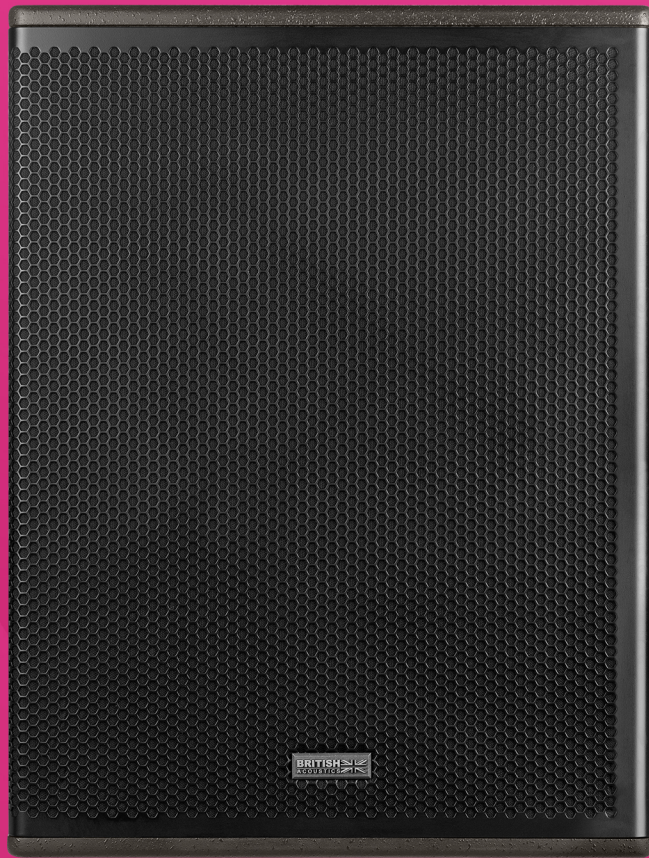


AURA BLU 312 X

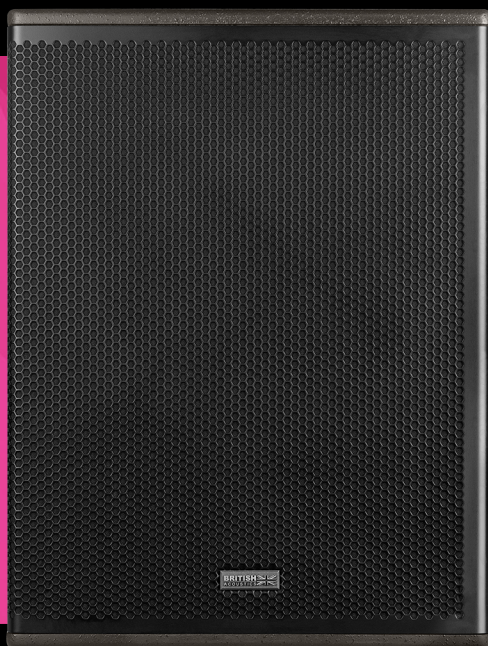
12" LINEAR COAXIAL SPEAKER



 **BA**
BRITISH ACOUSTICS

AURA BLU 312 X LINEAR COAXIAL SPEAKER

The Aura Blu 312 X is a 12" linear coaxial speaker designed to deliver unmatched audio clarity and consistent coverage. With a peak output of 129 dB and user-rotatable horns for flexible dispersion control, it is ideal for live performances, installations, and monitoring applications. Its coaxial design minimizes phase distortion, ensuring smooth, coherent sound across its wide frequency range, while the advanced LF and HF transducers provide precision and power for diverse sound reinforcement needs.



Built to endure rigorous use, the Aura Blu 312 X features a robust marine birchply enclosure with a scratch-resistant polyurea paint finish and reinforced pressed steel grills. Integrated handles, M10 flying inserts, and sloped input plates offer versatile deployment options, including horizontal or vertical installation. Its sleek aesthetic, with British Acoustics' signature umber brown tone and blue grill decals, enhances its visual appeal. The Aura Blu 312 X seamlessly combines performance, durability, and adaptability, making it an essential tool for professional audio setups.





ACOUSTICAL SPECIFICATIONS

- Freq. Response (-3 dB) : 62 Hz - 20 kHz
- Freq. Range (-10 dB) : 50 Hz - 20 kHz
- Rated Power : 500W AES, 2000W Peak
- H Dispersion : 100° (- 6 dB)
- V Dispersion : 60° (- 6 dB)
- User Rotatable Horns
- Crossover : 1.9 kHz Passive or Bi-amplified
- Nominal Impedance : 8 Ω
- Max Output : Cont 123 dB, Peak 129 dB
- 2 x Speak-On Sockets, Input & Thru

SYSTEM SPECIFICATIONS

- Recommended Subwoofers : See System Chart for compatible subwoofers
- Recommended Amplifiers : See Amplifier load calculation chart
- Recommended System Control : Delta Drive DSP Control Systems

CO-AXIAL TRANSDUCER

- 12" Coaxial Driver
- 450W AES, 1800W Peak
- LF : 3" Voice Coil - Ferrite Magnet
- 1.4" Compression Driver

- AuraTense Suspension for an optimised compliant restoring force
- Engineered Demodulation Circuit to minimize magnetic flux and lower distortion
- HF : 3" Voice Coil - Ferrite magnet
- 50W AES, 200W Peak
- Mounted behind the assymetrical aura waveguide that ensures minimal resonance across a cprecise coverage pattern
- Co-axial configuration allows for maximum coherence by reducing phase imbalances

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

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: 359.9 x 560 x 350 mm (H x W x D)
- Product: 14.1 x 22.0 x 13.7 inch (H x W x D)
- Packed individually

WEIGHT

- Net : 19 Kgs
- Net : 42 Lbs

SHIPPING INFORMATION

- Carton Size
435 x 635 x 425 mm (H x W x D)
17 x 25 x 16.7 inch (H x W x D)
- Gross Weight : 19.95 Kgs / 43.98 Lbs
- Packed : Individually

PRODUCT INFORMATION

- Model No : Aura Blu 312 X
- Series 3
- Tags : 12" Linear Coaxial Speaker with an AuraWave guide.

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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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