

4 Series

Alpha Ray - Multipurpose Fixed Directivity Array Systems



Applications

- Portable sound reinforcement
- Live sound reinforcement
- Unobtrusive stage monitoring
- Corporate AV events and conferences
- Speech Transmission

Features

- High acoustic output (135 dB SPL peak)
- Wide 120° x 40° coverage.
- Low distortion, 15-inch transducers responding as low as 55 Hz for use without subwoofers.
- 3-point Easy-Rigging System to fly upto 16 enclosures
- Flexible ground stack capability

Products in the Series

- Alpha Ray 415- 40
- Alpha Ray 415- 20

Engineered for High Fidelity Audio Installations
Two vertical coverage modules to achieve accurate dispersion. Neat aesthetic design to complement most decors and settings. Baltic Birchwood construction, with sealed terminals & dura-coated grills. Transitive loading waveguide for low distortion & coherent phase response. Pole Mount, Yoke mount & Power mount options along with M10 inserts. Can be used as a floor monitor IP-54
Weather-resistant design (Optional)

British Acoustics

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Alpha Ray 415- 40

15" High Performance Constant Curvature
 Line Array Module - Near Field

Technical Specifications

| | |
|-----------------------------------|--|
| Frequency Range (-10 dB) | 55 Hz - 21 kHz |
| Frequency Response (-3 dB) | 65 Hz - 21 kHz |
| Coverage Pattern | 100° x 40° |
| Max Spl | 135 dB |
| Rated Power | Passive: 800W Continuous, 3200W Peak Bi-amp LF: 600W Continuous, 2400W Peak, Bi-amp HF: 200W Continuous, 800W Peak |
| LF Driver | 15" ADR Alpha Range Drivers, 4" VC - Ferrite |
| HF Driver | 1.5" exit compression driver, 3" VC |
| Crossover Frequency | 1.1 kHz or Bi-amplified |
| Nominal Impedance | Passive: 8 ohms, Bi-amp LF: 8 ohms, Bi-amp HF: 8 ohms |
| Sensitivity | 98 dB |

General Specifications

| | |
|------------------------|--|
| Enclosure | Marine Birchwood Cabinet, Premium Grade |
| Grill | Perforated Stainless Steel Grill backed by acoustically transparent foam over a stainless steel mesh |
| Finish | British Acoustics' Signature Brown Finish |
| Mounting System | Integrated 3-Point Alpha Fly Mechanism |
| Height | 19.3" |
| Width | 30.8" |
| Depth | 15.8" |
| Weight | 34.9 Kgs |



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