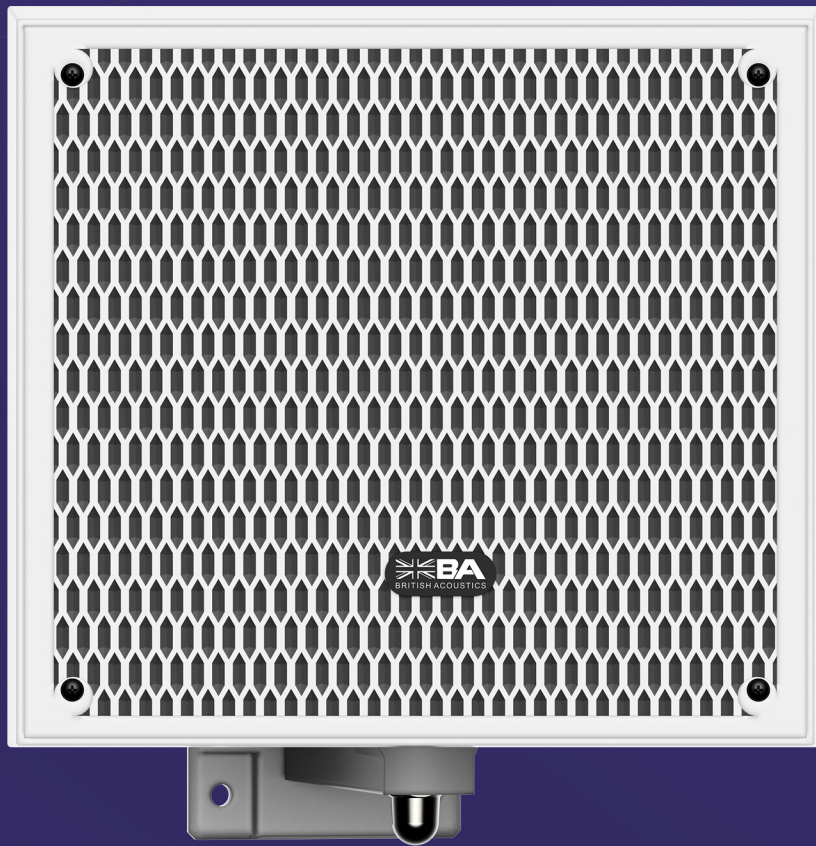


ONYX 207 XTW

7" OUTDOOR COAXIAL SPEAKER - IP 67



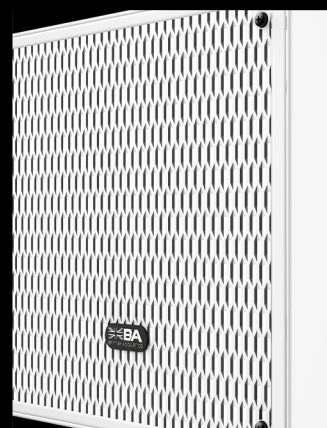
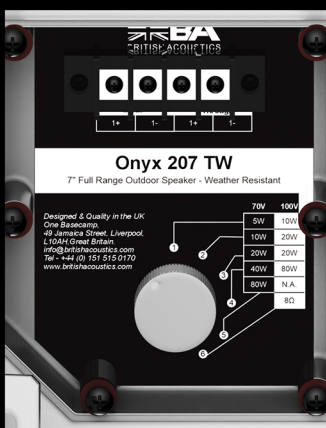
 **BA**
BRITISH ACOUSTICS

ONYX 207 XTW COAXIAL SPEAKER

The Onyx 207 XTW is a versatile 7-inch coaxial speaker, engineered to provide superior audio clarity and durability for a wide range of applications. Delivering 225W AES power and a 900W peak output, it features a 100° conical dispersion for consistent and uniform sound coverage. This model offers flexible installation options, supported by shielded screw terminals and transformer taps for 100V/70V systems.



Housed in a die-cast coated aluminum shell with matte black paint, the speaker ensures robust environmental resistance, enhanced by Onyx Terra-Coating for protection against harsh conditions. Its perforated stainless steel grills and fully sealed enclosure make it ideal for both indoor and outdoor setups. With a compact design and built-in wall brackets, the Onyx 207 XTW is a premium solution for professional installations.





ACOUSTICAL SPECIFICATIONS

- Freq. Response (-3 dB) : 80 Hz - 18 kHz
- Freq. Range (-10 dB) : 61 Hz - 20 kHz
- Rated Power : 225W AES, 900W Peak
- H Dispersion : 100° (-6 dB)
- V Dispersion : 100° (-6 dB)
- Crossover : 2.2 kHz Passive
- Nominal Impedance : 8 Ω | 100 / 70 W
- Max Output: 115 dB, 121 dB Peak
- Shielded Screw Terminals

SYSTEM SPECIFICATIONS

- Recommended Subwoofers : See Systems Chart for compatible subwoofers.
- Recommended System Control : Can be used without DSP or with the PW-Six DSP for voicing & tonal benefits
- Recommended Amplifiers : See Amplifier load calculation chart

CO-AXIAL TRANSDUCER

- LF : 7" High Power Coaxial Driver
- 200W AES, 800W Peak
- 1.25" Copper Voice Coil - Ferrite Magnet

- Environmental Resistance Coating
- Onyx Terra-Coating for enhanced resistance against environmental factors
- Large Effective Piston Area, placed in a volume optimised enclosure for enhanced bass response
- HF : 1" Voice Coil - Ferrite
- 25W AES, 100W Peak
- Mounted behind a co-axial horn waveguide for a precise on-axis response at high SPL levels
- Co-axial configuration allows for maximum coherence by reducing phase imbalances

HOUSING

- Die-Cast, Coated Aluminium Shell
- Matte White Paint
- Perforated Stainless Steel Grills
- Concealed Fitted Input Box, with Tap Selector & Screw Terminals & Encapsulated Cable Lugs
- Fully Sealed Enclosure designed for long term outdoor installations
- No Handles, Ridges on body for easy lifting
- M8 Inserts, for brackets

AESTHETIC SPECIFICATIONS

- British Acoustics Signature Matte Silver Tone
- Non Reflective, Matte White Grills

IP SPECIFICATIONS

- IP 64 - Offers extended protection against dust & splashes

OPERATING PARAMETERS

- Operating Positions : Must be Deployed with the original brackets
- Maximum permitted ambient temperature (Ta max) 55° C (124° F)
- Minimum permitted ambient temperature (Ta min): -9° C (15.8° F)

OPTIONAL ACCESSORIES

- See system chart for the System Accessories

SIZE

- Product: 200 x 220 x 212 mm (H x W x D)
- Product: 7.8 x 8.6 x 8.3 inch (H x W x D)
- Packed individually

WEIGHT

- Net : 4.6 Kgs
- Net : 10.14 Lbs

SHIPPING INFORMATION

- Carton Size
10.9 x 13.9 x 11.9 inch (H x W x D)
278 x 354 x 303 mm (H x W x D)
- Gross Weight : 4.83 Kgs / 10.65 Lbs
- Packed : Individually

PRODUCT INFORMATION

- Model No : Onyx 207 XTW
- Series 2
- Tags : 7" Outdoor Coaxial Speaker - IP 67

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





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