

# ONYX 210 XTW

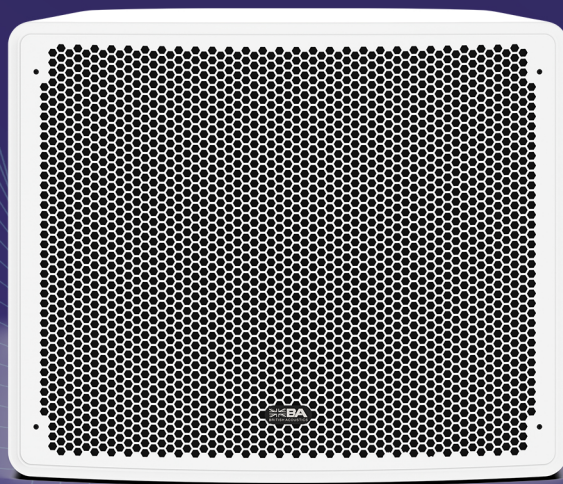
10" OUTDOOR COAXIAL SPEAKER - IP 67



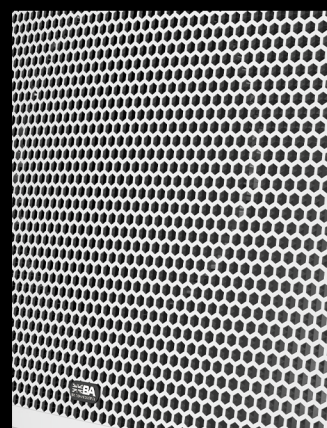
 **BA**  
BRITISH ACOUSTICS

# ONYX 210 XTW COAXIAL SPEAKER

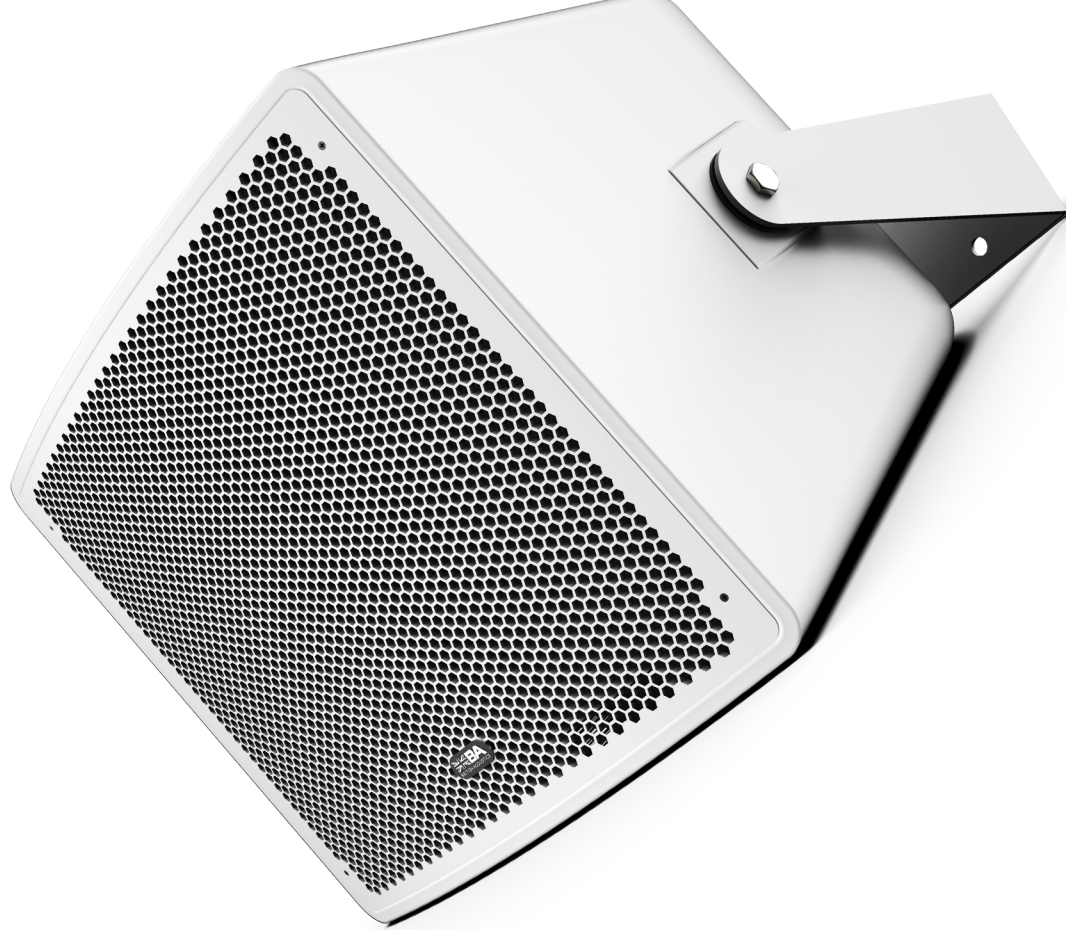
The Onyx 210 XTW is a premium outdoor coaxial speaker designed for exceptional performance in challenging environments. Featuring a 10-inch high-power coaxial driver with a 2-inch copper voice coil, it provides outstanding sound clarity and balanced dispersion with 100° H and 100° V coverage. Its IP67-rated fully sealed aluminum enclosure ensures protection against dust, water, and corrosion, making it an ideal choice for long-term outdoor installations.



The speaker's Onyx Terra-Coating enhances its resistance to environmental factors, while its co-axial configuration ensures precise on-axis response and reduced phase imbalances. Built for durability, the Onyx 210 XTW includes perforated stainless steel grills, concealed input connections, and shielded screw terminals for reliable and secure operation. Whether used in commercial, public, or entertainment applications, this speaker delivers powerful and consistent audio performance with unmatched reliability.







## ACOUSTICAL SPECIFICATIONS

- Freq. Response (-3 dB) : 67 Hz - 20 kHz
- Freq. Range (-10 dB) : 55 Hz - 20 kHz
- Rated Power : 450W, 1800W Peak
- H Dispersion : 100°
- V Dispersion : 100°
- Crossover : Passive, 1.2 kHz.
- Nominal Impedance : 8  $\Omega$
- Transformer Taps : 100/70 Taps : 15W / 30W / 40W
- Max Output : Cont 122 dB, Peak 128 dB
- 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

- LF : 10" High Power Coaxial Driver
- 400W AES, 1600W Peak
- 2" 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
- 50W AES, 200W 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 Aluminum 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
- M8 Inserts, for brackets
- No Handles, Ridges on body for easy lifting

## IP SPECIFICATIONS

- IP 67 - Offers resistance against dust, water & corrosion

## OPERATING PARAMETERS

- Operating Positions : Must be Deployed with the original brackets, or an M10 insert as a pendant
- Maximum permitted ambient temperature (Ta max) 55° C (124° F)
- Minimum permitted ambient temperature (Ta min): -20° C (-4° F)

## OPTIONAL ACCESSORIES

- Comes Built in with wall brackets

- Minimum permitted ambient temperature (Ta min): -20° C (-4° F)

## SIZE

- Product: 203 x 279 x 228 mm (H x W x D)
- Product: 8 x 11 x 9 inch (H x W x D)
- Packed individually

## WEIGHT

- Net :14 Kgs
- Net : 30.8 Lbs

## SHIPPING INFORMATION

- Carton Size  
203 x 279 x 228 mm (H x W x D)  
8 x 11 x 9 inch (H x W x D)
- Gross Weight : 14.7 Kgs / 32.14 Lbs
- Packed : Individually

## PRODUCT INFORMATION

- Model No : Onyx 210 XTW
- Series 2
- Tags : 10" 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





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