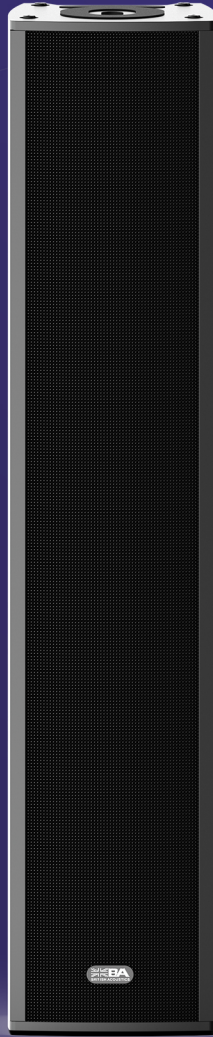


ONYX 4 CTW

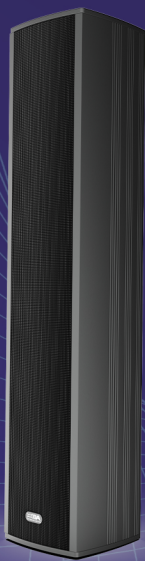
4" EXPANDABLE COLUMN SPEAKER - IP 67



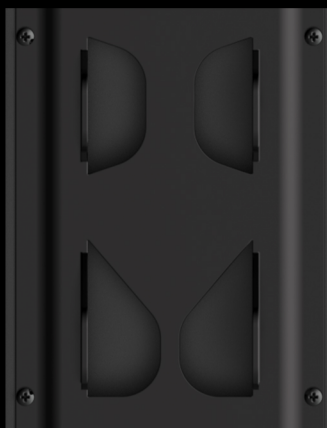
 **BA**
BRITISH ACOUSTICS

ONYX 4 CTW COLUMN SPEAKER

The Onyx 4 CTW is a 4" expandable column speaker designed for outdoor and indoor applications with an IP67 rating, ensuring full protection against dust and water. It operates in a frequency range of 150 Hz to 18 kHz and provides 60W continuous power (240W peak) at 8 ohms. With a wide 120° horizontal and 30° vertical coverage, it offers focused sound projection with a maximum SPL of 111 dB, making it suitable for environments requiring clear and coherent sound. The speaker includes a 100V/70V transformer tap for 50W installations, allowing flexible integration into various systems.



Constructed with a die-cast, coated aluminum shell and matte black finish, the Onyx 4 CTW is built to withstand outdoor conditions with Onyx Terra-Coating for enhanced environmental resistance. The column speaker features precise beamforming technology to minimize lobing and comb filtering, ensuring a coherent acoustic center. The unit can be expanded with the V8 column extenders for longer configurations and includes hidden screw terminals for a clean installation. Designed for vertical deployment, it comes with built-in wall brackets for ease of mounting and is ideal for applications requiring durable, high-performance sound reinforcement.





ACOUSTICAL SPECIFICATIONS

- Freq. Response (-3 dB) : 150 Hz - 18 kHz
- Freq. Range (-10 dB) : 110 Hz - 18 kHz
- Rated Power : 60W AES, 240W Peak
- H Dispersion : 120°
- V Dispersion : 30°
- Nominal Impedance : 8 Ω
- Max Output : Cont 105 dB, Peak 111 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

LF TRANSDUCER

- 4" Full Range Driver
- 60W AES, 240W Peak
- 1" Copper Voice Coil - Ferrite Magnet

- 4 Driver Column
- Environmental Resistance Coating
- Onyx Terra-Coating for enhanced resistance against environmental factors
- Precise Beam Forming to combat lobing or comb filtering, and ensuring a coherent acoustic centre

HOUSING

- Die-Cast, Coated Aluminum Shell
- Matte Black Paint
- Perforated Stainless Steel Grills
- Hidden Screw Terminals
- V8 Pole Coupling to make the column longer
- No Handles, Ridges on body for easy lifting
- Screw inserts for Wall Brackets

IP SPECIFICATIONS

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

AESTHETIC SPECIFICATIONS

- British Acoustics Signature Matte Black Tone
- Non Reflective, Matte Black Grills

OPERATING PARAMETERS

- Operating Positions : Must be deployed vertically, and with the original V8 column extenders in case of a longer column unit
- 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: 508 x 203 x 203 mm (H x W x D)
- Product: 20 x 8 x 8 inch (H x W x D)
- Packed individually

WEIGHT

- Net : 11 Kgs
- Net : 24.25 Lbs

SHIPPING INFORMATION

- Carton Size
583 x 278 x 278 mm (H x W x D)
23 x 10.9 x 10.9 inch (H x W x D)
- Gross Weight : 11.55 Kgs / 25.47 Lbs
- Packed : Individually

PRODUCT INFORMATION

- Model No : Onyx 4 CTW
- Series 2
- Tags : 4" Expandable Column 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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