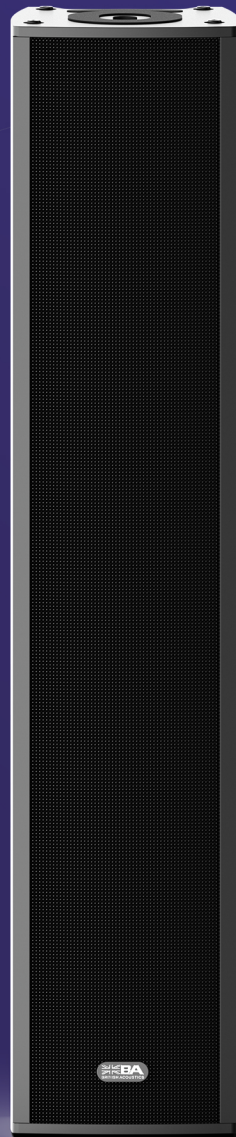


ONYX 8 CTW

8 X 4" EXPANDABLE COLUMN SPEAKER - IP 67



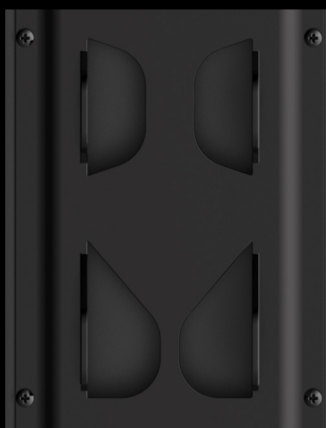
 **BA**
BRITISH ACOUSTICS

ONYX 8 CTW COLUMN SPEAKER

The Onyx 8 CTW is an expandable column speaker designed for both indoor and outdoor applications, featuring an IP67 rating for complete protection against dust, water, and corrosion. Operating within a frequency range of 90 Hz to 18 kHz, it delivers 120W continuous power (480W peak) at 8 ohms, with a maximum SPL of 108 dB (114 dB peak) and a 120° horizontal, 15° vertical dispersion. The speaker includes a 100V/70V transformer tap supporting up to 50W, ensuring compatibility with a wide range of sound systems.



Constructed with a die-cast aluminum shell coated in matte black paint and perforated stainless steel grills, it is built for durability in challenging environments. Enhanced with Onyx Terra-Coating for additional environmental resistance, the speaker is easy to handle with its ridged body and hidden screw terminals, maintaining a clean look. Built-in wall brackets and an optional V8 column extender make it versatile and ensure reliable, high-quality sound reinforcement in diverse settings.





ACOUSTICAL SPECIFICATIONS

- Freq. Response (-3 dB) : 150 Hz - 18 kHz
- Freq. Range (-10 dB) : 90 Hz - 18 kHz
- Rated Power : 120W AES, 480W Peak
- H Dispersion : 120°
- V Dispersion : 15°
- Nominal Impedance : 8 Ω
- Max Output : Cont 108 dB, Peak 114 dB
- Shielded Screw Terminals

SYSTEM SPECIFICATIONS

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

LF TRANSDUCER

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

- 8 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: 1016 x 139.7 x 139.7mm (H x W x D)
- Product: 40 x 5.5 x 5.5 inch (H x W x D)
- Packed individually

WEIGHT

- Net Kgs- 11 Kgs
- Net Lbs - 24.26 Lbs

SHIPPING INFORMATION

- Carton Size
1091 x 214.7 x 214.7 mm (H x W x D)
42.9 x 8.45 x 8.45 inch (H x W x D)
- Gross Weight : 11.55 Kgs / 25.47 Lbs
- Packed : Individually

PRODUCT INFORMATION

- Model No : Onyx 8 CTW
- Series 2
- Tags : 8 x 4" Expandable Column Speaker - IP 67

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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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