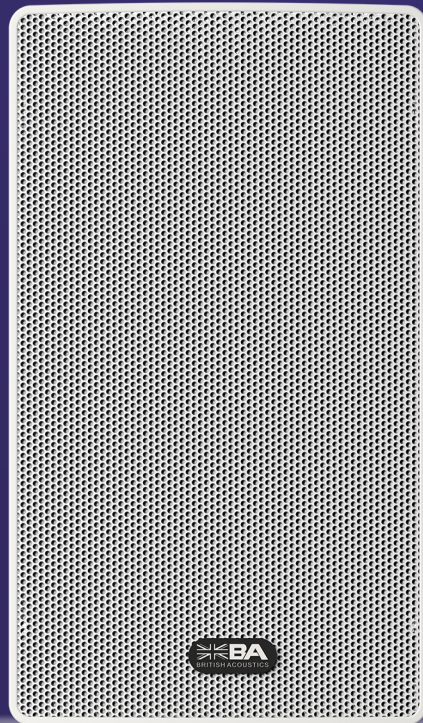


ONYX 234 TW

4" TWO WAY INSTALLATION SPEAKERS



 **BA**
BRITISH ACOUSTICS

ONYX 234 TW INSTALLATION SPEAKER

The ONYX 234 TW is a compact 4" two-way installation speaker designed for flexible audio applications in various environments. It features a frequency response of 99 Hz to 20 kHz (-3 dB) and 69 Hz to 20 kHz (-10 dB), providing clear sound for paging, background music, and more. Rated at 30W continuous (120W peak), it has a sensitivity of 86 dB and can achieve a maximum SPL of 107 dB. The speaker offers a wide 100° x 100° dispersion pattern for even coverage.



It includes an impedance toggle switch for easy switching between 8-ohm and 100/70V operations, with a fixed 10W transformer tap for distributed systems. The 4" mid-high driver features a 2" voice coil with axial motors for precise sound reproduction and flared ports to enhance low-frequency performance. The speaker can be installed using the VS Throne swivel bracket or the VS Yoke 4 bracket, making it suitable for versatile installation options.





ACOUSTICAL SPECIFICATIONS

- Freq. Response (-3 dB) : 99 Hz - 20 kHz
- Freq. Range (-10 dB) : 69 Hz - 20 kHz
- Rated Power : 30W AES, 120W Peak
- H Dispersion : 100° (- 6 dB)
- V Dispersion : 100° (- 6 dB)
- Nominal Impedance : 8 Ω
- Max Output : 107 dB
- Fixed 20W Transformer Tap @ 100/70 V
- Impedance Toggle Switch to choose between 8 Ω or 100V operation

SYSTEM SPECIFICATIONS

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

LF TRANSDUCER

- 4" Mid-High Driver with Axial Motors
- 30W AES, 120W Peak
- 2" Voice Coil - Ferrite Magnet
- Special High Strength axial magnetic motors for controlled movement
- Flared Ports for Low Frequency Support

HOUSING

- Impact Resistant ABS with UV Stabilisers
- Silver Body, Friction painted
- White Rimless Grills available
- Quickfit recess locking mechanism
- M6 Inserts
- VS Throne, VS 26 Yoke
- Standard 35mm Pole Socket
- No handles, friction paint finish for easy lifting

AESTHETIC SPECIFICATIONS

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

IP SPECIFICATIONS

- Standard Version : IP 42 - Offers basic protection against dust & splashes

OPERATING PARAMETERS

- Operating Positions : Must be Flush Mounted as per the manual into the ceiling or used with the pendant accessory
- 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: 203 x 157.5 x 101 mm (H x W x D)
- Product: 8 x 6.2 x 4 inch (H x W x D)
- Packed individually

WEIGHT

- Net : 4.2 kgs
- Net : 9.26 Lbs

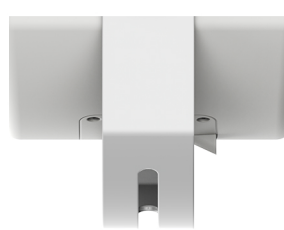
SHIPPING INFORMATION

- Carton Size
278 x 232.5 x 176 mm (H x W x D)
10.94 x 9.15 x 6.92 inch (H x W x D)
- Gross Weight : 4.41 Kgs / 9.724 Lbs
- Packed : individually

PRODUCT INFORMATION

- Model No : Onyx 234 TW
- Series 2
- Tags : 4" Two way installation speakers

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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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