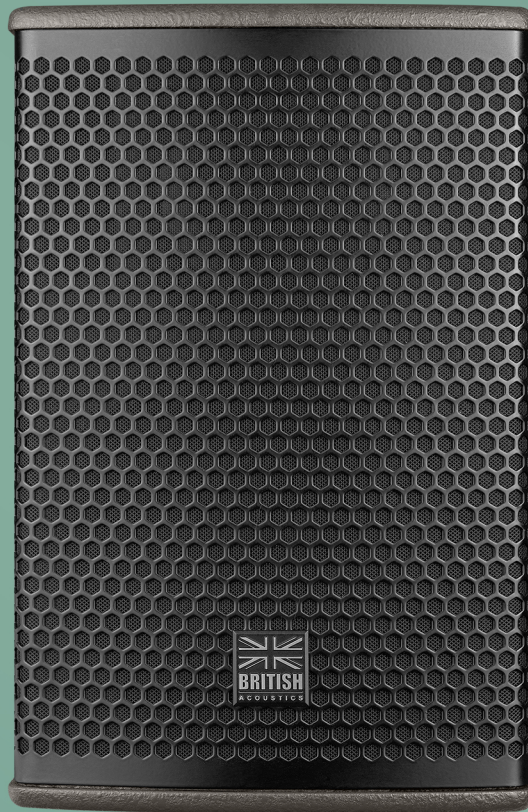


# VS 106 TW

1 X 6" HIGH PERFORMANCE SPEAKER - 100V WOODEN CABINET



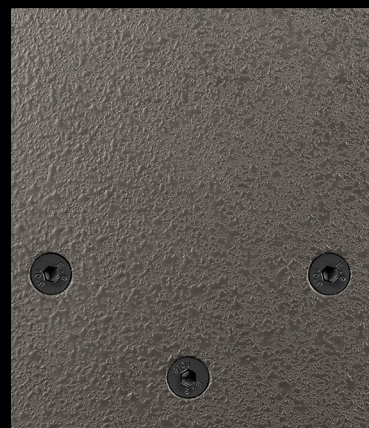
 **BA**  
BRITISH ACOUSTICS

# VS-106 TW INSTALLATION SPEAKER

The VS-106 TW is a high-performance 6" loudspeaker designed for distributed audio applications that demand clarity, efficiency, and adaptability. Its 100V wooden cabinet design ensures seamless integration into commercial and hospitality environments, making it an excellent choice for conference rooms, retail spaces, restaurants, and auditoriums. The speaker's precise 120° x 80° dispersion ensures even sound coverage, reducing dead spots and improving speech intelligibility. Equipped with a mid-high driver featuring axial motors, the VS-106 TW produces a balanced frequency response, delivering both articulate vocals and detailed musical playback.



Built with an angular plywood enclosure and a water-based textured paint finish, the VS-106 TW is both durable and aesthetically refined. Its perforated stainless steel grille provides protection while maintaining an elegant look, making it suitable for modern installations. The system is further enhanced by an impedance toggle switch, allowing users to seamlessly switch between 8Ω and 100V operation, making it a versatile solution for both low-impedance and high-voltage distributed sound systems. Designed for easy installation, it features M6 inserts, VS Throne, and a 35mm pole socket, ensuring flexible mounting options for diverse applications.







## ACOUSTICAL SPECIFICATIONS

- Freq. Response (-3 dB) : 81 Hz - 20 kHz
- Freq. Range (-10 dB) : 60 Hz - 20 kHz
- Rated Power : 75W AES, 300W Peak
- H Dispersion : 120° (- 6 dB)
- V Dispersion : 80° (- 6 dB)
- Nominal Impedance : 8 Ω
- Maximum SPL : 113 dB
- Fixed 20W Transformer Tap @ 100/70 V
- Impedance Toggle Switch to choose between 8 Ω or 100V operation

## SYSTEM SPECIFICATIONS

- Recommended Subwoofers : See Systems chart for compatible subwoofer
- 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

- 6" Mid-High Driver with Axial Motors
- 2 drivers connected in parallel
- 75W AES, 300W Peak
- 2" Voice Coil - Ferrite Magnet
- Special High Strength axial magnetic motors for controlled movement
- Aerodynamically optimised ports

## HF TRANSDUCER

- 1" HF Compression Driver
- 2 drivers connected in parallel
- 20W AES, 80W Peak
- 1" Voice Coil Ferrite Magnet
- Vero Waveguide, delivers a consistent wide angled coverage

## HOUSING

- Angular Plywood Enclosure
- Water based, textured paint
- Perforated Stainless Steel Grill
- British Acoustics Signature Brown Paint
- Available in any RAL colour of your choice.

- M6 Inserts
- VS Throne, VS 26 Yoke
- 35mm Pole Socket
- No handles, friction paint finish for easy lifting

## 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 : 203.2 x 157 x 101 mm (H x Wx D)
- Product : 8 x 6.2 x 4 inch (H x Wx D)
- Packed individually

## WEIGHT

- Net : 4.2 Kgs
- Net : 9.0652 Lbs

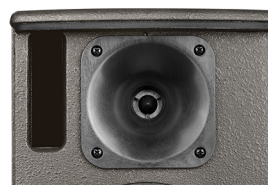
## SHIPPING INFORMATION

- Carton Size  
278 x 232 x 176 mm (H x W x D)  
10.9 x 9 x 6.9 inch (H x W x D)
- Gross Weight : 4.41 Kgs / 9.74 Lbs
- Packed : Individually

## PRODUCT INFORMATION

- Model No : VS-106 TW
- Series 1
- Tags : 1 x 6" High-Performance Speaker - 100V Wooden Cabinet

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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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