

# WCX8T

## High Performance Coaxial Weatherized Speaker

VAL audio

Die Liebe zur Musik



The VAL audio WCX8T is a high-performance 8" two-way coaxial all-weather speaker, purposefully engineered for resilience and superior sound quality in demanding outdoor environments. Its cabinet, precision-molded from a specialized polymer compound, offers exceptional resistance to UV degradation, dust, and wind, ensuring long-term durability. The speaker features specially designed dustproof and waterproof covers for both input and output terminals, while a five-layer protective grille provides enhanced defense against water and dust ingress, fully meeting IP56 standards.

All exposed metal components are crafted from premium stainless steel or aluminum, ensuring corrosion resistance, while the mounting bracket, made from low-carbon steel, is coated to withstand harsh weather conditions. At the heart of the WCX8T is a powerful 8" ferrite mid-bass driver, paired with a coaxially mounted 1" exit, 1.4" (34mm) voice coil high-frequency driver, ensuring precise audio performance across the spectrum.

For versatility, the WCX8T includes an integrated transformer with multiple power tap settings, allowing for easy adjustment between low-impedance (Low-Z) and high-impedance (High-Z) configurations via a rear panel rotary switch, making it suitable for a wide range of audio installations.

### KEY FEATURES

- 8" two-way coaxial loudspeaker designed for weather-resistant performance
- Robust injection-molded polymer cabinet for reliable operation in all-weather conditions
- Coaxial point-source design with horn-loaded configuration for delivering high sound pressure levels (SPL)
- Powder-coated aluminum grille with five-layer protection, ensuring superior water ingress prevention
- Engineered to meet stringent IP56 weather-proofing standards for outdoor durability
- UV-resistant housing material for enhanced protection against prolonged sun exposure
- Corrosion-resistant components, including brass-embedded nuts, waterproof silicone covers, and stainless-steel screws
- Sealed, dustproof, and waterproof back panel covers and connectors for maximum environmental protection
- Supplied with a versatile U-bracket for secure and flexible mounting options

### APPLICATIONS

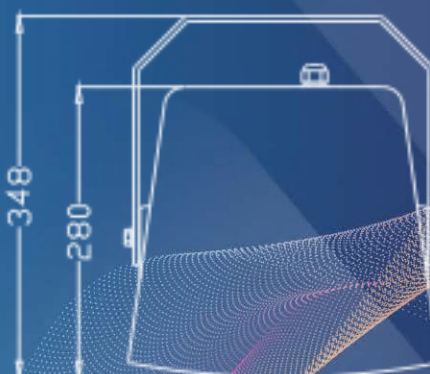
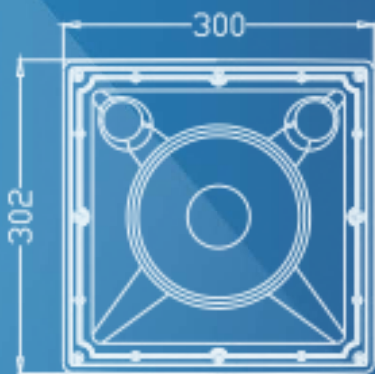
Designed for a wide range of outdoor settings, including restaurants, bars, clubs, and theme parks, where high-quality sound and weather resistance are essential. Ideal for near-field sound reinforcement in scenic locations and open outdoor areas, providing clear, consistent audio in environments exposed to the elements.

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## SPECIFICATIONS

|                            |   |
|----------------------------|---|
| Power Handling             | 200W RMS / 400W Program / 800W Peak                 |
| Nominal Impedance          | 8 ohms  |
| Frequency Response (-10dB) | 75Hz - 20KHz  |
| Average Sensitivity        | 96dB (1W/1M)  |
| Maximum SPL                | 118.5dB continuous / 121.5dB Program / 124.5dB peak |
| Low Frequency driver       | 1 x 8" (2" voice coil) ferrite woofer               |
| High Frequency driver      | 1 x 1" (1.4" voice coil) driver coaxially mounted   |
| Crossover Frequency        | 2.5 kHz passive                                     |
| LMT                        | Yes, 37.5W/75W/150W/8 ohm tapping                   |
| Input Connectors           | Covered barrier strip terminals                     |
| Size (WxHxD)               | 300mm x 302mm x 348mm                               |
| Net Weight                 | 11 Kg   |
| Gross Weight               | 13 Kg   |