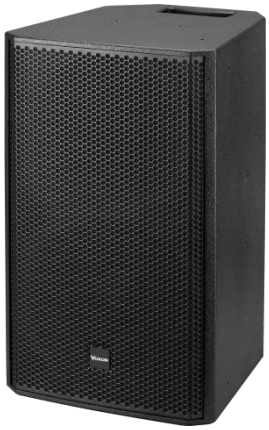
# Full-Range Speaker
# [15-inch Premium Model]
## VM-TW115G



### Product Overview

VM-TW115G is a high-performance professional passive speaker engineered for premium sound reproduction and reliable stage performance. It features a rigid 15mm multi-ply birch plywood cabinet with durable water-based matte black finishing, ensuring solid acoustic structure and long service life.

Configured with a 15-inch custom low-frequency woofer and a 1.7-inch compression driver paired with a precision horn, it delivers balanced sound covering 50 Hz to 20 kHz. Boasting 450W RMS continuous power, 101dB high sensitivity, this 8Ω speaker provides stable and powerful audio output.

With a wide 110°×100° coverage angle, it offers uniform sound field coverage, ideal for stage performances, conferences and professional audio venues.

### Suitable for applications including:

- ✔ Convention centers
- ✔ Multi-function halls
- ✔ Auditoriums & lecture halls
- ✔ Live performance stages
- ✔ Hotel banquet halls
- ✔ Corporate conference rooms
- ✔ Educational campus venues
- ✔ Public broadcasting spaces






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## Key Features

1. Cabinet constructed from 15 mm multi-ply birch plywood with durable water-based matte black paint for superior rigidity and acoustic performance
2. Driver layout: 15-inch custom low-frequency woofer paired with 1.7-inch compression driver on precision horn for smooth high-frequency delivery
3. Wide frequency response of 50 Hz – 20 kHz (±3 dB) for balanced full-range audio reproduction
4. 450 W RMS continuous power, 900 W peak power handling to cope with dynamic audio signals
5. High sensitivity of 101 dB (1 W / 1 m), delivering efficient sound output with amplifiers
6. 8 Ω nominal impedance, easy to match with most professional power amplifiers
7. 110° horizontal × 100° vertical coverage angle, achieving even sound field distribution
8. Integrated mounting points support flexible installation: ground placement, wall mounting and rigging
9. Compact and robust design, suitable for fixed installation and short-term mobile professional audio projects

## Technical specifications

| Model | VM-TW115G |
|---|---|
| Speaker Type | Professional Passive Loudspeaker |
| Cabinet Material | 15mm Multi-ply Birch Plywood |
| Driver Configuration | 1×15" Custom Woofer + 1×1.7" Compression Driver |
| Frequency Response | 50 Hz – 20 kHz (±3 dB) |
| Power Rating | 450 W (RMS), 900 W (Peak) |
| Sensitivity | 101 dB (1 W / 1 m) |
| Nominal Impedance | 8 Ω |
| Coverage Angle | 110° (H) × 100° (V) |