



Product Overview

VM-TW112G 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 12-inch custom low-frequency woofer and a 1.7-inch compression driver paired with a precision horn, it delivers balanced sound covering 55 Hz to 20 kHz. Boasting 350W RMS continuous power, 95dB high sensitivity and 99dB continuous maximum SPL, 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



Full-Range Speaker

[12-inch Premium Model]

VM-TW112G

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: 12-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 55 Hz – 20 kHz (±3 dB) for balanced full-range audio reproduction
4.

350 W RMS continuous power, 700 W peak power handling to cope with dynamic audio signals
5.

High sensitivity of 95 dB (1 W / 1 m), delivering efficient sound output with amplifiers
6.

Continuous maximum SPL up to 99 dB, capable of higher transient peak sound pressure
7.

8 Ω nominal impedance, easy to match with most professional power amplifiers
8.

110° horizontal × 100° vertical coverage angle, achieving even sound field distribution
9.

Integrated mounting points support flexible installation: ground placement, wall mounting and rigging
10.

Compact and robust design, suitable for fixed installation and short-term mobile professional audio projects

Technical specifications

Model	VM-TW112G
Speaker Type	Professional Passive Loudspeaker
Cabinet Material	15mm Multi-ply Birch Plywood
Driver Configuration	1×12" Custom Woofer + 1×1.7" Compression Driver
Frequency Response	55 Hz – 20 kHz (±3 dB)
Power Rating	350 W (RMS), 700 W (Peak)
Sensitivity	95 dB (1 W / 1 m)
Maximum SPL	99 dB (Continuous)
Nominal Impedance	8 Ω
Coverage Angle	110° (H) × 100° (V)