



WIND PRO 208A

Quasi 3-Way Acoustic Active Loudspeaker

Code F000523



FEATURES

- Very high performance-to-size ratio
- 2-channel amplifier 800 W + 800 W RMS
- 132 dB SPL
- Quasi 3-Way acoustic design
- 8" neodymium coaxial speaker with 2" voice coil and 1" Driver with 3" voice coil
- 8" neodymium woofer with 3" voice coil
- 110° conical coverage
- 24 Bit 96 kHz DSP with **M-Modelling** Technology
- Integrated DANTE
- **M-Modelling** Technology
- Compatible Softwares: **M-Connect** and **M-Simulation**
- Wi-Fi Connection
- Integrated Rigging

APPLICATIONS

- Theater
- Conference
- Touring
- Rental
- System Integration

DESCRIPTION

Montarbo® **WIND PRO 208A** is an active acoustic loudspeaker designed to guarantee extremely high performances in terms of power and quality. The "Quasi 3-Way" acoustic design combined with a sophisticated audio signal processing system, defines the new point-source standard, result of an 1" high-frequency coaxially loaded driver with an 8" transducer with 2" voice coil, and an additional 8" woofer with 3" voice coil. The cabinet made in birch multiply with a polyurea finish is characterized by a complex internal structure of wood and steel reinforcements, that ensures great sturdiness. The two woofers, loaded in back-reflex configuration, guarantee a fast powerful defined response to low frequencies, without interferences in the midrange thanks to the asymmetrical crossover that allows only the upper woofer the reproduction of the vocal range. The coaxial coupling of the high frequencies driver ensures a coherent and transparent overall response, and a 80° horizontal and vertical symmetrical coverage, extremely linear. The Class-D amplifier features two high-efficiency channels, ensuring a 1600W RMS total power that allows the speaker a 132 dB SPL with a 70 Hz to 18 kHz frequency response.

An advanced 24-bit 96kHz DSP ensures consistency, linearity and reliability thanks to the innovative proprietary **M-Modelling** technology, able to model the phase and frequency response through sophisticated digital algorithms, for a superb reproduction of sound details offering an unprecedented dynamic.

8 presets, 4 of which are user-programmable, make the system suitable for any use, thanks also to the Dante analog and digital inputs for a versatile and complete plug & play connection. Through two ethercon connectors shared with the Dante port, several speakers can be connected to the network to access multiple device parameters. The architecture is based on the **M-Connect** proprietary software that, through a simple advanced interface allows the control and the tuning of the installed system. A point-to-point Wi-Fi connection with access via a dedicated app, allows the stand-alone control of some basic speaker parameters such as volume and mute.

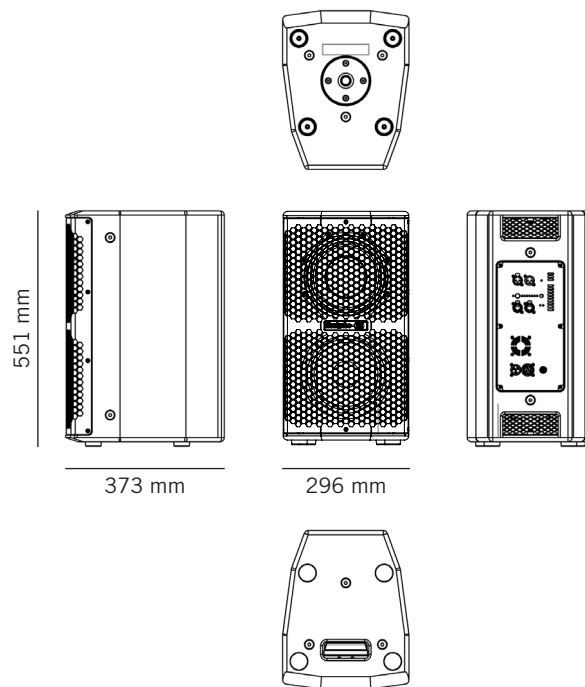
The **EARTH PRO** Series subwoofers allow the range of **WIND PRO** models to be extended up to 28 Hz. A complete range of integrated optional rigging Montarbo® accessories allows the system to be installed in any situation.



SPECIFICATIONS

| ACOUSTIC FEATURES | |
|---------------------------|---|
| System | Vented - Quasi 3-Way Point Source |
| Frequency Response (-6dB) | 70 Hz - 18 kHz |
| Coverage | 110° Conical |
| Maximum SPL (1m) | 132 dB SPL |
| TRANSDUCERS | |
| LF + HF | 8" Neodimium Coaxial loudspeaker with 2" voice coil, 1" Driver with 1" voice coil and passive custom filter |
| Auxiliary LF | 8" Neodimium Woofer with 3" voice coil |
| AMPLIFIER FEATURES | |
| Power Supply | Universal, PFC, Regulated switch mode |
| Type | Class D - 2 Channels |
| Output Power RMS | 800 W per Channel |
| Connections | PowerconTRUE |
| Protections | Thermal protections, Short-circuit/overload |
| DSP FEATURES | |
| Preset | 8 Selectable presets |
| DSP | 24 Bit 96 kHz |
| Technology | M-Modelling |
| Connections | 1 XLR Input / 1 XLR Output 2 x Ethercon (Control + Dante) |
| Protections | Limiter, Clip Limiter |
| ENCLOSURE | |
| Width | 296 mm (11,7 in.) |
| Height | 551 mm (21,7 in.) |
| Depth | 373 mm (14,7 in.) |
| Net Weight | 20 kg (44,1 lb) |
| Paint | Polyurea |
| Material | 15 mm Birch Plywood |
| Grille | Black painted Steel |
| Hardware | 12 x M10 Flying Points, 1 Top Handle D. 35 mm Pole Mount, Metal bracket |
| System monitoring | M-Connect Ethernet TCP/IP - 1 Gigabit |

TECHNICAL DRAWINGS



SERIES

- WIND PRO 208A Code F000523
- WIND PRO 210A Code F000524
- WIND PRO 212A Code F000525
- WIND PRO 215A Code F000526



RELATED PRODUCTS

- EARTH PRO 115A Code F000527
- EARTH PRO 118A Code F000528

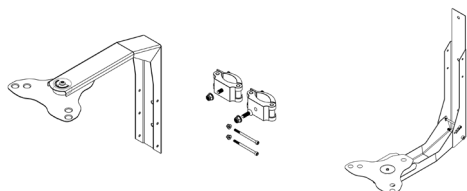


SOFTWARE



ACCESSORIES

- Bracket WIND PRO 208A Top Code F030096
- Bracket WIND PRO 208A Bottom Code F030095



MONTARBO is part of Eko Music Group S.p.A. - ekomusicgroup.com

Registered Office | Via Falleroni 92 - P.O. box 58 - 62019 Recanati (MC) Italy

Offices and Warehouse | Via O. Pignini 8 - Z.I. Aneto - 62010 Montelpone (MC) Italy - T +39 0733 227 1 - F +39 0733 227 250 - MONTARBO.COM