

EARTH PRO 115A

Band-Pass Active Subwoofer
Code F000527





FEATURES

- 1-channel amplifier 1600 W RMS
- 135 dB SPL
- Acoustic design 6th order Band-Pass
- 15" ferrite woofer with 4" voice coil
- 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
- Conferences
- Touring
- Rental
- System Integration

DESCRIPTION

Montarbo® **EARTH PRO 115A** is an active subwoofer designed to guarantee extremely high performances in terms of power and quality. The acoustic design combined with a sophisticated audio signal processing system, defines the new standard of subwoofer, result of a 15" transducer with an high-excursion 4" voice coil and advanced tuning. 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 woofer, loaded in a 6th order Band-Pass configuration, guarantees a fast powerful extended response at low frequencies.

The Class-D amplifier features an high-efficiency channel ensuring a 1600 W RMS power that allows the speaker a 135 dB SPL with a frequency response that extends up to 35 Hz. 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 facilitates the stand-alone control of some basic speaker parameters such as volume and mute.

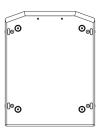
The **EARTH PRO** Series subwoofers allow the range of **WIND PRO** models to be extended up to 28 Hz. A complete range of integrated optional rigging Montarbo® accessories allows the system to be installed in any situation.

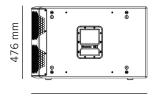


SPECIFICATIONS

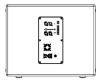
System 6th order Band-Pass Frequency Response (-6dB) 35 Hz - 200 Hz Maximum SPL (1m) 135 dB SPL TRANSDUCERS LF 1 x 15" Long-Excursion with 4" voice coil AMPLIFIER FEATURES Power Supply Universal, PFC, regulated switch mode Type Class D - 1 Channel Output Power RMS 1600 W Connections PowerconTRUE Protections 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 580 mm (22,8 in.) Height 476 mm (18,3 in.) Depth 750 mm (29,5 in.) Net Weight 50,1 kg (110,5 lb) Paint Polyurea Material 15 mm Birch Plywood Grille Black painted Steel 4 x M10 Flying Points M20 Pole Mount 2 Side Handles Built-in hardware for suspension System monitoring M-Connect Ethernet TCP/IP - 1 Gigabit	ACOUSTIC FEATURES	
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Grille Black painted Steel 4 x M10 Flying Points M20 Pole Mount 2 Side Handles Built-in hardware for suspension	Paint	Polyurea
Hardware 4 x M10 Flying Points M20 Pole Mount 2 Side Handles Built-in hardware for suspension	Material	15 mm Birch Plywood
Hardware M20 Pole Mount 2 Side Handles Built-in hardware for suspension	Grille	Black painted Steel
System monitoring M-Connect Ethernet TCP/IP - 1 Gigabit	Hardware	M20 Pole Mount 2 Side Handles
l l		Built-in hardware for suspension

TECHNICAL DRAWINGS



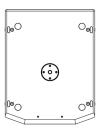






750 mm

580 mm



SERIES

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





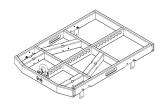
SOFTWARE



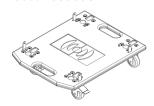


ACCESSORIES

- Flybar EARTH PRO 115A Code F030094



- DOLLY EARTH PRO 115A Code F030098



RELATED PRODUCTS

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







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