



EARTH PRO 118A

Band-Pass Active Subwoofer

Code F000528



FEATURES

- 1-channel amplifier 2400 W RMS
- 139 dB SPL
- Acoustic design 6th order Band-Pass
- 18" 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
- M-ID authentication system via app
- Integrated Rigging

APPLICATIONS

- Theater
- Conferences
- Touring
- Rental
- Audio for System Integration

DESCRIPTION

Montarbo® **EARTH PRO 118A** 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 18" 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 2400 W RMS power that allows the speaker a 139 dB SPL with a frequency response that extends up to 30 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 o **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. A proprietary control system allows the authentication of the product.

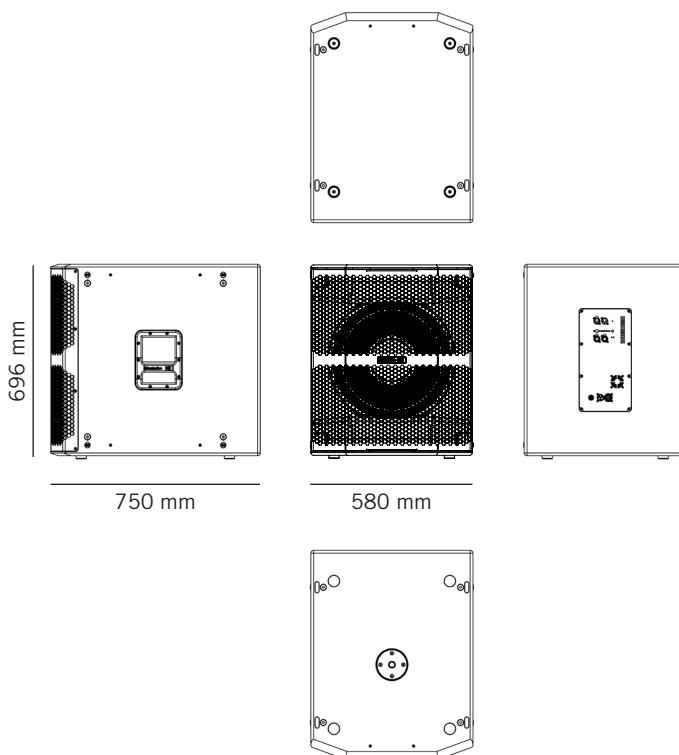
The **EARTH PRO** Series subwoofers allow the range of **WIND PRO** models to be extended up to 28 Hz. A complete range of integrated optional rigging Montarbo® accessories allows the system to be installed in any situation.



SPECIFICATIONS

ACOUSTIC FEATURES	
System	6 th order Band-Pass
Frequency Response (-6dB)	30 Hz - 200 Hz
Maximum SPL (1m)	139 dB SPL
TRANSDUCERS	
LF	1 x 18" Long-Excursion with 4" voice coil
AMPLIFIER FEATURES	
Power Supply	Universal, PFC, regulated switch mode
Type	Class D - 1 Channel
Output Power RMS	2400 W
Connections	PowerconTRUE
Protections	Thermal protections, Short-circuit/overload
DSP FEATURES	
Preset	8 Selectable Preset
DSP	24 Bit 96 kHz
Filter	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	696 mm (27,4 in.)
Depth	750 mm (29,5 in.)
Net Weight	55 kg (121,2 lb)
Paint	Black Polyurethane
Material	15 mm Birch Plywood
Grille	Black painted Steel
Hardware	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

TECHNICAL DRAWINGS



SERIES

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



RELATED PRODUCTS

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

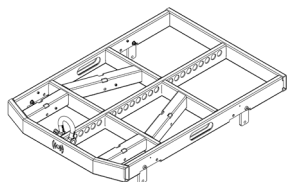


SOFTWARE



ACCESSORIES

- Flybar EARTH PRO 118A
Code F030094



- DOLLY EARTH PRO 118A
Code F030098

