



## GROUND 18

### Active Single 18" neodymium Subwoofer

Deep Bass and Big Punch for an extended impacting low end are the main features.

The woofer is positioned at a 30° angle to the front grill, making this subwoofer the smallest and lightest in its class. Ground 18 is equipped with a neodymium 18" woofer the frequency range is 28Hz-100Hz (-3dB).

The A/D converter is 24bit 96kHz feeding the DSP which works in a 32bit floating point architecture.

Tuning of the system is made using new Hybrid biquads and FIR linear filters. The Class-D amplifier offers 2400W RMS. In the rear panel there are Power inlet and outlet, 2x XLR IN and 2 x XLR OUT and a Pushbutton for recalling 5 factory presets.



### APPLICATIONS

- Theatre
- Touring
- Rental
- Large Venues
- System Integration

### KEY FEATURES

- 18" neodymium Woofer
- SPL Max (half space): 139dB
- Proprietary DSP (96kHz 24bit floating point) Hybrid BIQUADS-FIR tuning
- Class-D Power amp 2400W
- 5 presets: Natural-Punch-Cardioid-Sky210-Sky214
- Birch Plywood Enclosure - RAL 7021 IP55 coating



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### Acoustic

Freq.Resp. (-3dB)	28Hz - 100Hz
Max SPL (half space)	139dB
Coverage	Omni
Topology	Semi Horn Reflex

### Speaker

Speaker	Single neodymium 18" Woofer
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### Amplifier

Power	Class-D 2400W RMS
Amp. Protections	Thermal - Short Circuit - Overload

### DSP

Proprietary DSP	24bit 96Khz - Biquads & FIR Filters - Pk limiter
Preset selection	Natural - Punch - Cardioid - Sky210 - Sky214

### Connections

Pwr Supply Conn.	AC 100-240V 50/60Hz - Powercon True1 & Loop
Input connection	1 x Analog XLR Combo input, 1 x Analog XLR input
Output connection	2 x Analog XLR output (input loop)

### Power consumption

Idle Power	<15 Watts
Nominal Power (1/4 Load)	700W
Maximum Power	2500W
Rated Fuse	T10A (230Vac)

### Cabinet

Cabinet & Paint	Birch Plywood - RAL 7021 IP55
Grill	Steel 15/10 Black Powder Coating
Handles	2 side handles
Pole mounting	M20 threaded insert
Rigging	no

### Dimensions

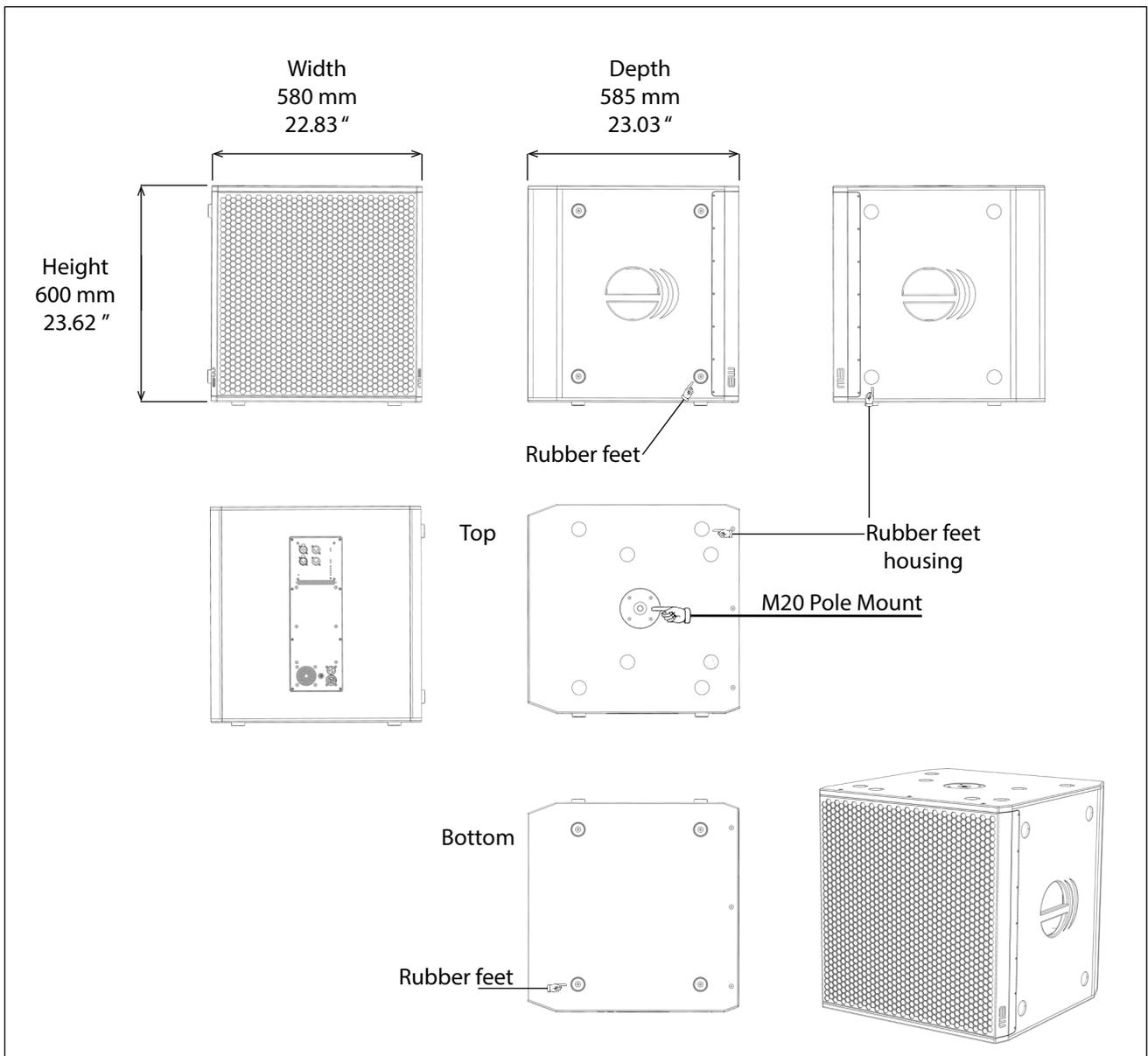
Width	580mm / 22.83 "
Height	600mm / 23.62 "
Depth	585mm / 23.03 "

### Weight

45 Kg / 99.21 lbs
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Music Technology Srl  
via Enzo Ferrari, 4/A - 60022 Castelfidardo (AN) - P.Iva 02734110428

[m3sound.com](http://m3sound.com) - [info@m3sound.com](mailto:info@m3sound.com)