



SKY214

Active 2x14" neodymium Loudspeaker.

SKY214 is a point source active loudspeaker. The maximum SPL of 139dB (half-space) makes this loudspeaker the outstanding solution when more Power, more Pressure without sacrificing the integrity and clarity of sound are the main goals. Large venues, Big Clubs, Big Stages are all prerogatives of this loudspeaker whether for rental, touring or fixed installation. SKY214 is equipped with a coaxial neodymium 14" speaker (with 3" HF driver) and a 14" neodymium woofer. Frequency range is 50Hz-18KHz (-3dB). The coverage is 80° H=V. 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 system is a 2.5-way topology with a Class-D amplifier offering 2400W RMS. In the rear panel there are Power inlet and outlet, Combo XLR IN and XLR OUT and a Pushbutton for recalling 5 factory presets.



APPLICATIONS

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

KEY FEATURES

- 14" neodymium coaxial speaker with 3" HF driver + 1x14" neodymium woofer
- Frequency response 50Hz-18KHz
- 80° conical coverage
- SPL Max (half space): 139dB
- Proprietary DSP (96kHz 24bit floating point) Hybrid BIQUADS-FIR tuning
- Class-D Power amp 2400W
- 5 presets: Natural-Speech-Wall-Dual-HP
- Birch Plywood Enclosure - RAL 7021 IP55 coating



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Acoustic

Freq.Resp. (-3dB)	50Hz - 18Khz
Max SPL (half space)	139dB
Coverage	80° H=V
LF Topology	Reflex

Speakers

Main Speaker	Coaxial neodymium LF 14" (Coil 3") + HF 3"
Aux Speakers	1 x 14" Neodymium Woofer

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 - Speech - Wall - Double - HP

Connections

Pwr Supply Conn.	AC 100-240V 50/60Hz - Powercon True1 & Loop
Input connection	1 x Analog XLR Combo input
Output connection	1 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	35mm
Rigging	6 x M10

Dimensions

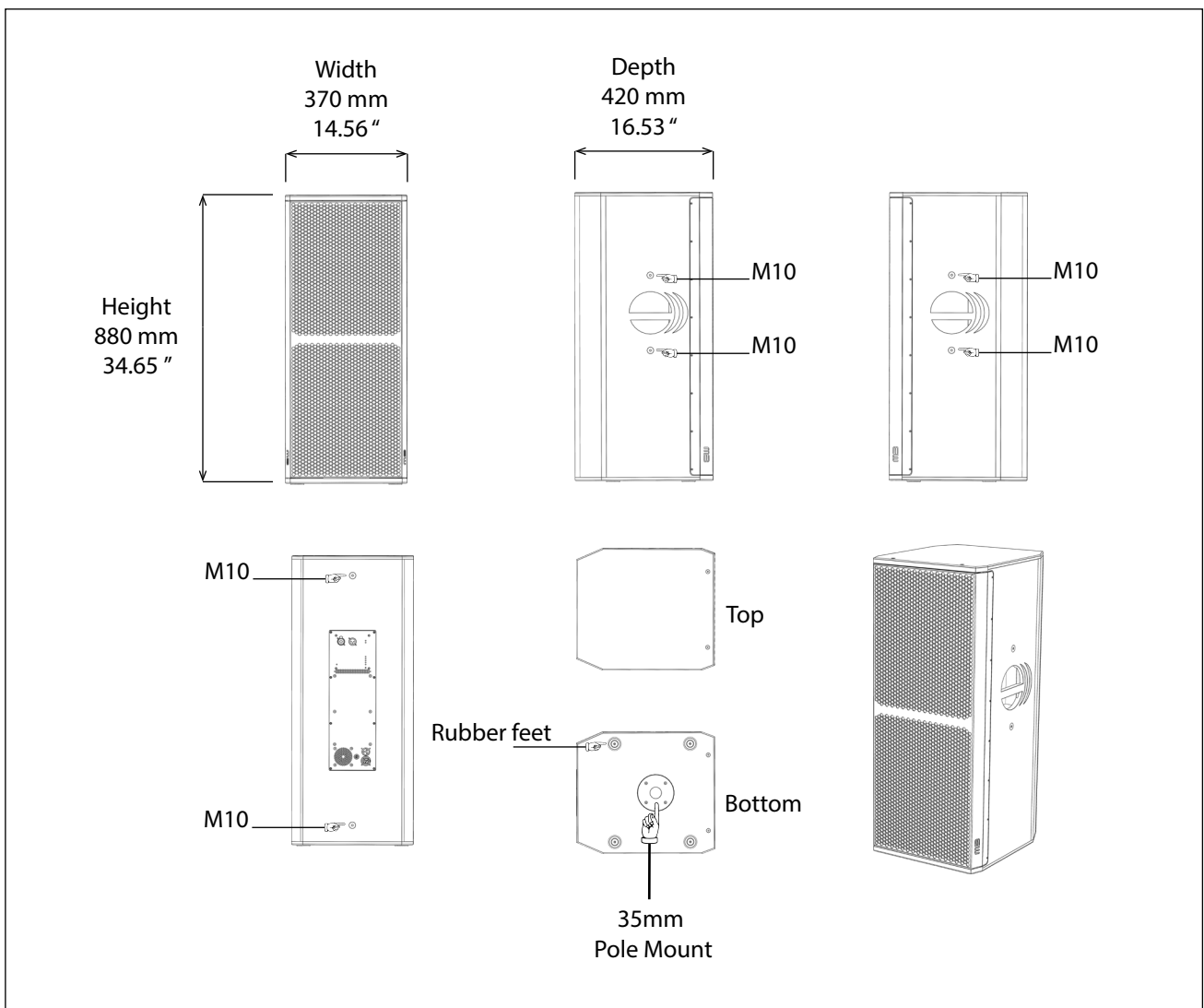
Width	370mm / 14.56 "
Height	880mm / 34.65 "
Depth	420mm / 16.53 "

Weight

34.9 Kg / 76.94 lbs



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