



SKY6

Active 1x6.5" Loudspeaker.

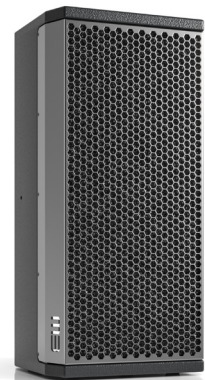
SKY6 is a point source active loudspeaker.

The maximum SPL of 127dB (half-space) represents the perfect solution when crystal sound and power are required in a tiny loudspeaker. It's the ideal choice for any small venue. SKY6 is equipped with a coaxial neodymium 6.5" speaker (with 1.4" HF driver). Frequency range is 90Hz-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 way topology with a Class-D amplifier offering 1000W 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
- Conference rooms
- Rental
- Small Venues
- System Integration

KEY FEATURES

- 6.5" neodymium coaxial speaker with 1.4" HF driver
- Frequency response 90Hz-18KHz
- 80° conical coverage
- SPL Max (half space): 127dB
- Proprietary DSP (96kHz 24bit floating point) Hybrid BIQUADS-FIR tuning
- Class-D Power amp 1000W
- 5 presets: Natural-Speech-Wall-Dual-HP
- Birch Plywood Enclosure - RAL 7021 IP55 coating



SKY6

Acoustic

| | |
|----------------------|--------------|
| Freq.Resp. (-3dB) | 90Hz - 18Khz |
| Max SPL (half space) | 127dB |
| Coverage | 80° H=V |
| LF Topology | Reflex |

Speaker

| | |
|---------|---|
| Speaker | Coaxial neodymium LF 6.5" (Coil 2") + HF 1.4" |
|---------|---|

Amplifier

| | |
|------------------|------------------------------------|
| Power | Class-D 1000W 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) | 400W |
| Maximum Power | 1200W |
| Rated Fuse | T 5A (230Vac) |

Cabinet

| | |
|-----------------|----------------------------------|
| Cabinet & Paint | Birch Plywood - RAL 7021 IP55 |
| Grill | Steel 15/10 Black Powder Coating |
| Handles | 1 Top handle |
| Pole mounting | 35mm |
| Rigging | 8 x M8 |

Dimensions

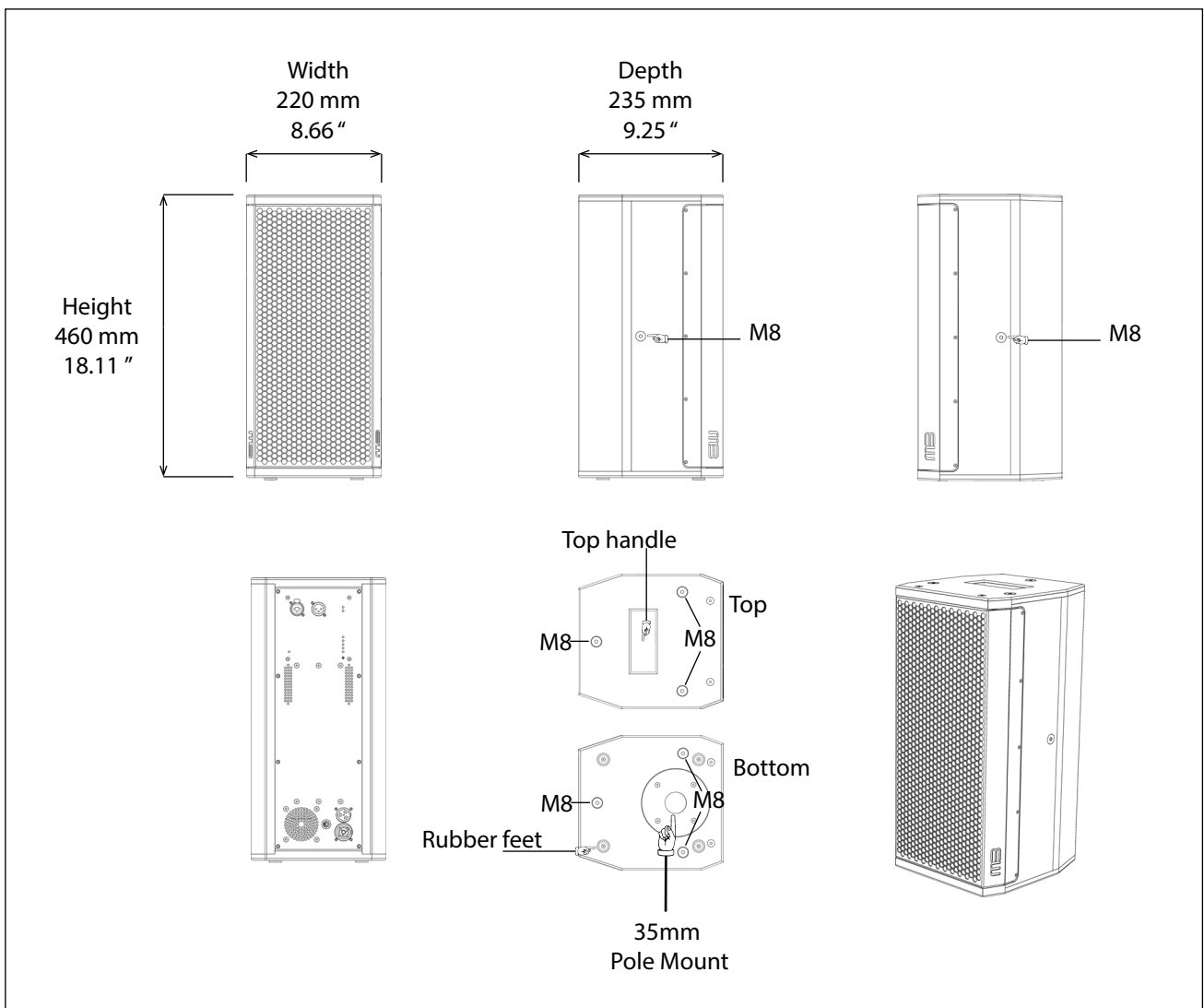
| | |
|--------|-----------------|
| Width | 220mm / 8.66 " |
| Height | 460mm / 18.11 " |
| Depth | 235mm / 9.25 " |

Weight

| |
|-------------------|
| 12 Kg / 26.45 lbs |
|-------------------|



SKY6



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

m3sound.com - info@m3sound.com