

SMX 12

PRODUCT FEATURES

- 12" high efficiency woofer
- 1" compression driver coaxially mounted
- Concentric waveguide
- 35° angled front
- High quality passive crossover
- Recessed I/O panel, no connectors visible to public
- 2 x NL4 parallel inputs
- Octopus Feet for excellent grip
- 3-handles for easy handling in all situations
- 2 x M10 fly points
- Polyurea coating
- Rugged front grill with foam backing



SPECIFICATIONS

ELECTRO-ACOUSTICAL	
Frequency response (-3 dB) ¹	125 Hz - 16 kHz
Frequency range (-10 dB) ¹	60 Hz - 20 kHz
Coverage angles (-6 dB) [H x V]	80° x 80°
Nominal impedance	LF: 8 Ω, HF: 16 Ω
Sensitivity ¹	99 dB
Peak power	1600 W
Continuous power ²	400 W
Maximum Peak SPL ³	136 dB
System type	2-way coaxial system
Acoustic crossover frequency	1.3 kHz
Crossover type	LPF: Butterworth 2 nd Order HPF: Butterworth 3 rd Order
Transducers	Coaxial driver with: LF: 1 x 12" driver (3" voice coil) HF: 1" compression driver (1.7" voice coil)
Enclosure type	Vented box
Connectors	Input signal: Neutrik speakON [®] NL4 Link output: Neutrik speakON [®] NL4
Wiring	Pins 1+ / 1- : driver

MECHANICAL	
Product dimensions [H x W x D] (Including rigging)	368 x 450 x 575 mm
Weight	19 kg
Packaging dimensions [H x W x D]	447 x 535 x 660 mm
Total weight	23 kg
Cabinet	15 mm plywood
Cabinet finishing	Black polyurea coating
Grille	Powder coated perforated steel
Hardware	1 top and 2 side handles embedded in cabinet Rubber feet 2 x M10 for U-bracket mounting

¹ Whole space, 1 W / 1 m, on-axis

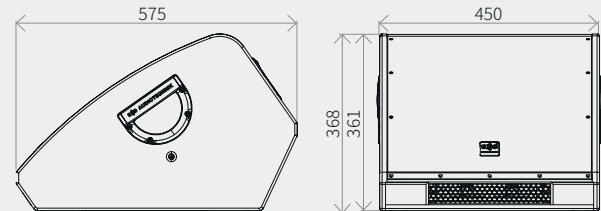
² According to EIA-426B Standard (based on RMS Voltage)

³ Max Peak SPL = Sensitivity + 10log₁₀(Continuous Power) + 12 dB Crest Factor

PRODUCT DESCRIPTION

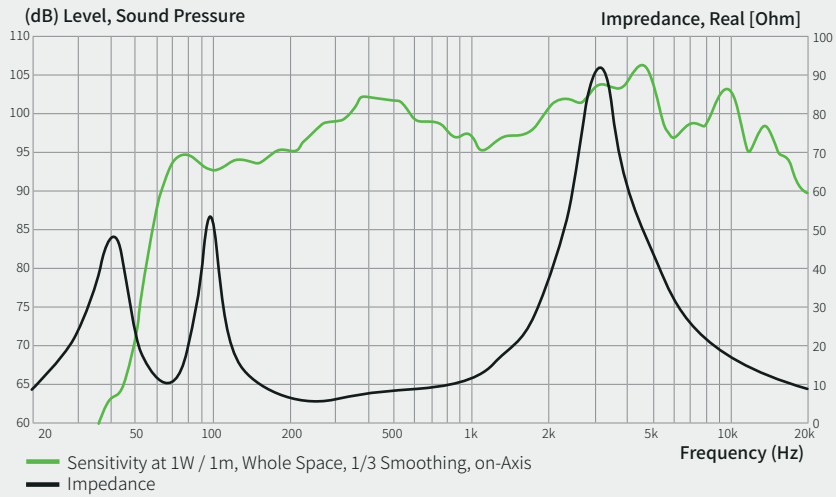
The SMX 12 is a passive 2-way coaxial monitor. Due to its compact dimensions and its acoustic characteristics, the SMX 12 is a powerful tool for a wide range of monitoring and sound reinforcement requirements on and off stage. The high sensitivity also provides ample headroom for equalization according to personal preferences.

PRODUCT DRAWING

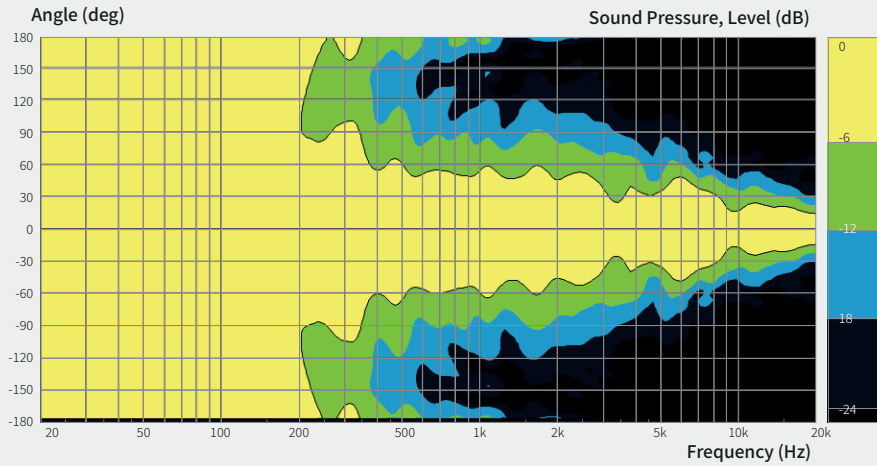


ACCESSORIES	
U-bracket	SMX 12UB
Transport cover	SMX 12TC
Pole bar	SPS20
M10 screw to 35mm pole socket adaptor	PS35

FREQUENCY RESPONSE CURVE



VERTICAL DIRECTIVITY PLOT



HORIZONTAL DIRECTIVITY PLOT

