SM12H - Technical specifications

CONFIGURATION

System Type	Two-way Stage Monitor	
	Transducers	Acoustic Load
LMF	1 x 12 in (32 cm) woofer	Hybrid - Bass-Rflex & Horn
MHF	1 x 1.4 in comp. driver	CD Horn - Rotable

Operating Mode		
	Amplifier Channels	Supported Processing
	2: LMF, MHF	Armonia Plus (A+)

PERFORMANCE

Operating Range	65 Hz to 20 kHz +/-3 dB	Crossover points
LMF		65 Hz - 1.2 kHz
HF		1.2 kHz - 20 kHz

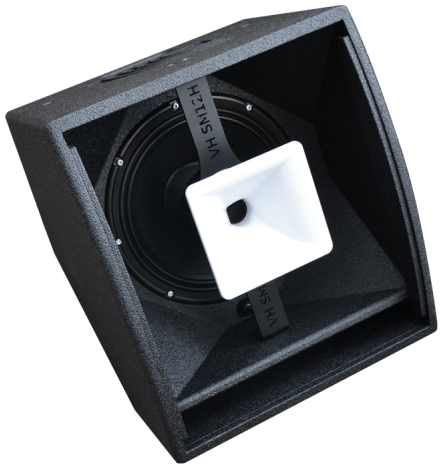
Nominal Bandwidth			
H Coverage	90 deg. @ -6 dB point		
V Coverage	20 deg. @ -6 dB point		
Maximum SPL	Axial sensitivity (2.83V @ 1mt)	Continuos	Peak
LMF	102 dB	130 dB	136 dB
MHF	110 dB	130 dB	136 dB

Input Impedance	
	Nominal
LMF	8 ohm
HF	8 ohm

Rated Power	
	Recommended System High Pass Filter >> 50 Hz, 24 dB/octave Suggested System High Pass Filter >> 65 Hz, 24 dB/octave
LMF	650 Watts AES (1.300 Watts Program)
MHF	110 Watts AES (220 Watts Program)

Operating Mode	Amplifier Channels	Supported Processing
LMF, MHF	2	Armonia Plus (A+)
	Max paired cabinets	Suggested Amplifiers
	4 Suggested	Powersoft X Series: X4D - X8D
	2 (4/4Ω nom. load per ch.)	

Dimensions	W,H,D, (mm/in) Weight (Kg/lb)	IN & OUT Connections Description	Shell Construction Description
Height (Front)	490 mm/19.23 in	2 x Neutrik SpeakON™	Dual angle Stage
Height (Rear)	490 mm/19.23 in	NL4 IN/OUT	Momitor
Width (Front)	450 mm/17.71 in	paralleled connectors	Multi-laminate,
Width (Rear)	450 mm/17.71 in	Pin Assignment:	birch ply 18/24 mm
Depth	380 mm/14.66 in	Pins 1+1- LMF	Polyurea coated
Weight	23.5 Kg/51.80 lb	Pins 2+2- MHF	paint
			Perforated black
			protection grille



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