Formula F205 - Technical specifications

CONFIGURATION

System Type	Two-way Line Array Element	
	Transducers	Acoustic Load
LMF	2 x 5 in (13 cm) woofer	Band-Pass
MHF	1 x 4 in. (2.5 x 10 cm) Planar wave comp. driver	CD Horn

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

PERFORMANCE

Operating Range	80 Hz to 21 kHz +/-3 dB	Crossover points
LMF		70 Hz - 1.2 kHz
MHF		1.2 kHz - 21 kHz

Nominal Bandwidth				
H Coverage	90 deg. @ -6dB point			
V Coverage	10 deg. @ -6dB point (Depending on Array units)			
Axial Sensitivity	(whole space SPL)		Max SPL cont.	Max SPL peak
LMF	94 dB	2.83V@1mt	118 dB	124 dB
MHF	112.5 dB	2.83V@1mt	132 dB	138 dB

Input Impedance	
	Nominal
LMF	8 ohm (2 x 16 ohm woofer paralleled)
MHF	16 ohm

Rated Power	
	Recommended System High Pass Filter >> 70 Hz, 24 dB/octave Suggested System High Pass Filter >> 90 Hz, 24 dB/octave
LMF	LMF 260 Watts AES (520 Watts Program)
MHF	80 Watts AES (160 Watts Program)

Operating Mode	Amplifier Channels	Supported Processing
LMF, MHF	2	Armonia Plus (A+)
	Max paired cabinets	Suggested Amplifiers
	4 Suggested	Powersoft T Series: T304, T604
	3 (/2.7/5.3 Ω nom. load per ch.)	

Dimensions	W,H,D, (mm/in) Weight (Kg/lb)	IN & OUT Connections Description	Shell Construction Description
Height (Front)	174 mm/06.85 in	2 x Neutrik SpeakON™	5 deg. Trapezoidal
Height (Rear)	174 mm/06.85 in	NL4 IN/OUT	Multi-laminate
Widht (Front)	468 mm/18.42 in	paralleled connectors	birch ply 18/24mm
Width (Rear)	468 mm/18.42 in	Pin assignment:	Polyurea coated
Depth	370 mm/14.56 in	Pins 1+1- LMF	paint
Weight	12.5 Kg/27.55 lb	Pins 2+2- MHF	Perforated black protection grille

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