

FOR-X®

XPA-120F USER MANUAL

XPA-120F

12 Inch Midbass Speaker

Ø 4 Inch Voice Coil 4Ω

FOR-X

SPECIFICATIONS

General Data		Unit
Overall Dimensions	320*138	mm
Nominal Power Handling	1000	W
Transient Power 10ms	2000	W
Sensitivity	95.5	dB
Frequency Response	46-3.5K	Hz
Cone Material	Paper	
Net Weight	10.5	kg
Electrical Data		
Nominal Impedance	4	Ohm
DC Resistance	3.2	Ohm
Voice Coil and Magnet Parameters		
Voice Coil Diameter	99.8	mm
Voice Coil Height	17.2	mm
HE Magnetic Gap Height	8	mm
Max.Linear Excursion	4.6	mm
Voice Coil bobbin	MTIL	
Voice Coil Wire	CCAW	
Number Of Layers	4	layers
Magnet System Type	High Flux Ferrite	
BL Product	17.39	N.A
T-S Parameters		
Suspension Compliance	Cms	0.14
Mechanical Q Factor	Qms	7.47
Electrical Q Factor	Qes	0.25
Total Q Factor	Qts	0.24
Moving Mass	Mms	82.8
Eq.Cas Air Load(liters)	VAS	58.4
Resonant Frequency	Fs	46
Effective Piston Area	SD	539.1

