

# **FOR-X**

**USER MANUAL FOR**

# **XQ-652C**

6.5" 2-WAY COMPONENT SYSTEM

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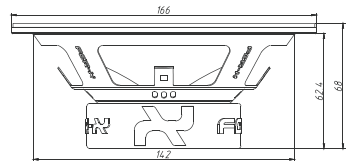
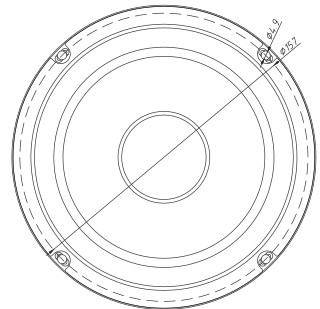
**SPECIFICATIONS**

General Data			Unit
Type	Woofer	Tweeter	
Overall Dimensions	166*74.8		mm
Nominal Power Handling	50	15	W
Transient Power 10ms	100	30	W
Sensitivity	87	87	dB
Frequency Response	54-6000	1500-20K	Hz
Cone Material	Paper	Silk	
Net Weight	0.832		kg

Electrical Data			
Nominal Impedance	3	4	Ohm
DC Resistance	2.8	3.4	Ohm

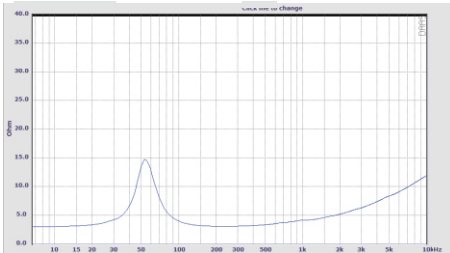
Voice Coil and Magnet Parameters			
Voice Coil Diameter	25.5	20.4	mm
Voice Coil Height	9.4	1.1	mm
HE Magnetic Gap Height	2.25	1.55	mm
Max.Linear Excursion	2.7	-0.2	mm
Voice Coil bobbin	Aluminum	KAPTON	
Voice Coil Wire	SV	CCAW	
Number Of Layers	2	2	layers
Magnet System Type	High Flux Ferrite	Neodymium Motor	
BL Product	3.7		N.A

T-S Parameters			
Suspension Compliance	Cms	0.73	
Mechanical Q Factor	Qms	3.95	
Electrical Q Factor	Qes	0.81	
Total Q Factor	Qts	0.67	
Moving Mass	Mms	11.8	
Eq.Cas Air Load (liters)	VAS	18.0	Liter
Resonant Frequency	Fs	54.1	1500
Effective Piston Area	SD	132.7	cm <sup>2</sup>



**FOR REFERENCE ONLY**

Impedance vs Freq



SPL vs Freq

