

FOR-X

USER MANUAL FOR XQ-303R

CAR SPECIFIC 2-WAY COAXIAL SPEAKER SYSTEM

XQ-303R

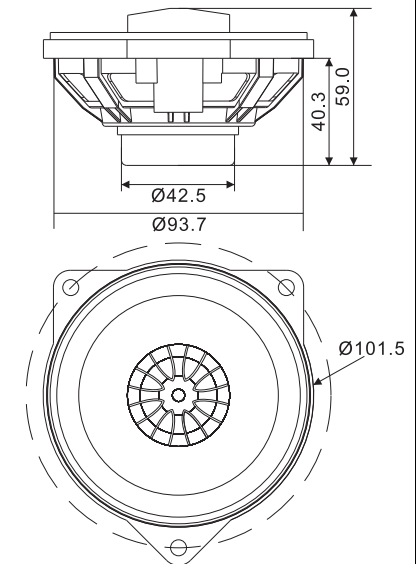
CAR SPECIFIC 2-WAY COAXIAL SPEAKER SYSTEM

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SPECIFICATIONS

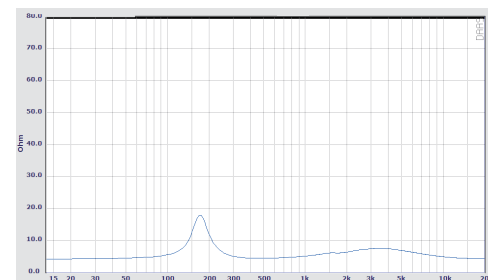
General Data			Unit
Type	Woofers	Tweeter	
Overall Dimensions	101.5*59		mm
Nominal Power Handling	60	20	W
Transient Power 10ms	120	20	W
Sensitivity	88	90	dB
Frequency Response	180-20K	1500-20K	Hz
Cone Material	Paper	Silk	
Net Weight	0.245		kg
Electrical Data			
Nominal Impedance	4	4	Ohm
DC Resistance	3.9	3.8	Ohm
Voice Coil and Magnet Parameters			
Voice Coil Diameter	32.22	20.4	mm
Voice Coil Height	8.2	1.6	mm
HE Magnetic Gap Height	1.78	0.55	mm
Max.Linear Excursion	2.1	0.1	mm
Voice Coil bobbin	KAPTON	ASV	
Voice Coil Wire	SV	CCAW	
Number Of Layers	2	2	layers
Magnet System Type	Neodymium Motor		
BL Product	4.1		N.A
T-S Parameters			
Suspension Compliance	Cms	0.17	
Mechanical Q Factor	Qms	5.14	
Electrical Q Factor	Qes	1.2	
Total Q Factor	Qts	0.98	
Moving Mass	Mms	4.6	
Eq.Cas Air Load(liters)	VAS	0.7	Liter
Resonant Frequency	Fs	179	1500 Hz
Effective Piston Area	SD	52.8	cm ²

Dimensions



FOR REFERENCE ONLY

Impedance vs Freq



SPL vs Freq

