



USER MANUAL FOR

**DC-502**

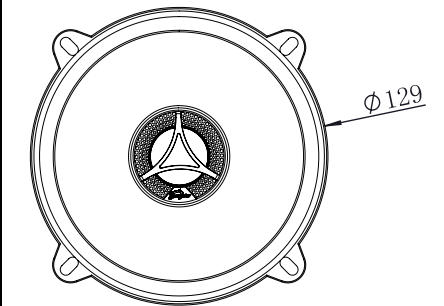
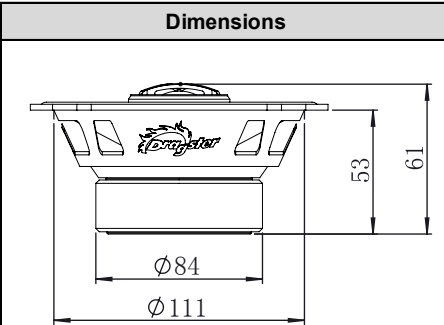
**5.2 INCH 2-WAY CAR COAXIAL SPEAKER**

**DC-502**  
**5.2 Inch 2-Way Car Coaxial Speaker**  
**1.2" Voice coil, 4 Ω**



**SPECIFICATIONS**

General Data			Unit
Type	Woofer	Tweeter	
Overall Dimensions	130*70		mm
Nominal Power Handling	40		W
Transient Power 10ms	80		W
Sensitivity	86		dB
Frequency Response	105-20K		Hz
Cone Material	Fiberglass	Silk	
Net Weight	0.7		kg
Electrical Data			
Nominal Impedance	4	4	Ohm
DC Resistance	3.4	3.6	Ohm
Voice Coil and Magnet Parameters			
Voice Coil Diameter	30.5	25.4	mm
Voice Coil Height	8.1	1.5	mm
HE Magnetic Gap Height	4	2	mm
Max. Linear Excursion	2.05		mm
Voice Coil bobbin	KAPTON	Aluminum	
Voice Coil Wire	Copper	CCAW	
Number Of Layers	2	2	layers
Magnet System Type	High Flux Ferrite	Neodymium	
BL Product	4.18		N.A
T-S Parameters			
Suspension Compliance	Cms	0.31	
Mechanical Q Factor	Qms	5.85	
Electrical Q Factor	Qes	0.88	
Total Q Factor	Qts	0.76	
Moving Mass	Mms	7.31	
Eq.Cas Air Load( liters)	VAS	2.73	Liter
Resonant Frequency	Fs	105	Hz
Effective Piston Area	SD	78.5	cm <sup>2</sup>



**FOR REFERENCE ONLY**

