

# 69FR250-4

Professional Full Range Driver



KEY FEATURES

- 250 Watts continuous program power
- 94 dB Sensitivity
- 75 - 18,000 Hz of frequency response

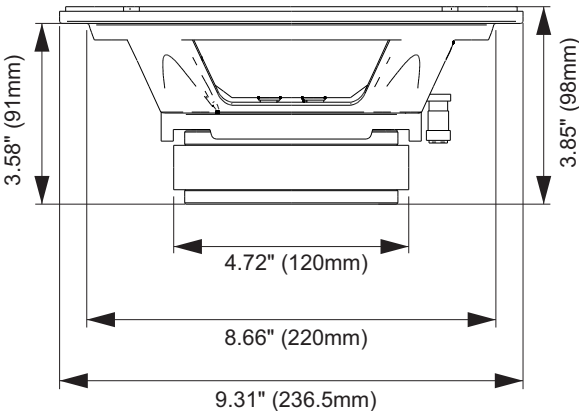
GENERAL SPECIFICATIONS

Nominal Diameter	6" x 9" (159 x 228 mm)
Nominal impedance	4 Ohm
Nominal Power Handling	125 Watts
Continuous Program Power (RMS)	250 Watts
Max Peak Power	500 Watts
Sensitivity 2.00V at 1m	94 dB
Recommended Hi Pass Crossover*	80 Hz*
*For Full Power Handling	*12db Per Octave Crossover
Frequency Response	75 - 18,000 Hz
Voice Coil Diameter	1.5" (38 mm)
Voice Coil Wire	CCAW
Voice Coil Winding Depth	10.0 mm
Former Material	Kapton
Magnetic Gap Depth	6.0 mm
Frame Material	Aluminum



THIELE-SMALL PARAMETERS

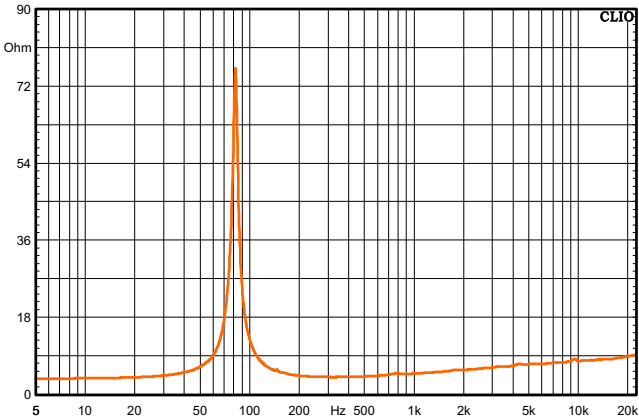
Equivalent Volume	Vas	47.4 l
Excursion (mathematical)***	Xmax	3.50 mm
Free Air Resonance	Fs	82.12 Hz
Mechanical Factor	Qms	15.28
Electrical Factor	Qes	0.74
Total Factor	Qts	0.70
Cone Area	Sd	200 cm <sup>2</sup>
Mechanical Mass	Mms	15.1 g
Bl Factor	BL	6.1 Tm
Dc Resistance	Re	3.5 Ohm
Inductance	Le	0.160 mH at 1 kHz
Mechanical Mass Without Air	Mmd	13.48 g
Mechanical Compliance	Cms	0.180 mm/N



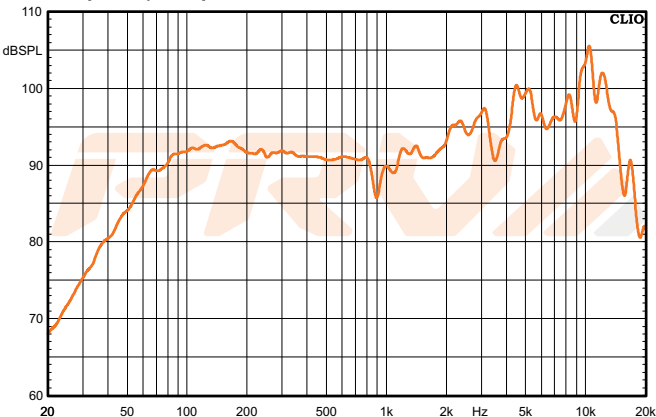
EXTRA INFO

Overall Diameter	6.43"x9.31" (163.5x236.5 mm)
Front Mount Baffle Cutout	5.87"x8.66" (149x220 mm)
Mounting Depth	3.58" (91 mm)
Overall Depth	3.85" (98 mm)
Net Weight	5.29 Lbs (2.40 kg)
Shipping Weight	6.28 Lbs (3.85 kg)
Carton Dimensions W x L x H	9.64" x 6.69" x 6.0" (245 x 170 x 110 mm)

Impedance Curve - Free Air



Frequency Response Measured at 2.00V/1m



\*\*Xmax=(Voice coil winding depth-Magnetic Gap depth)/2+ Mgnetic Gap Depth/4  
\*\*\* T-S parameters measured after 2 hours at 1/2 Rated power, pink noise preconditioning test

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