

# 8FR250

Professional Full Range Driver



## KEY FEATURES

- 125 Watts continuous power handling
- 93.5 dB Sensitivity
- 50 - 18,000 Hz of frequency response

## GENERAL SPECIFICATIONS

Nominal Diameter	8" (203 mm)
Nominal impedance	8 Ohms
<b>Rated Power Handling</b>	<b>125 Watts</b>
Program Power	250 Watts
<b>Sensitivity 2.83 V at 1m</b>	<b>93.5 dB</b>
Recommended Hi Pass Crossover*	75 Hz*
<small>*For Full Power Handling</small>	<small>*12db Per Octave Crossover</small>
<b>Frequency Response at -10dB</b>	<b>50 - 18,000 Hz</b>
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	Stamped Steel

## THIELE-SMALL PARAMETERS

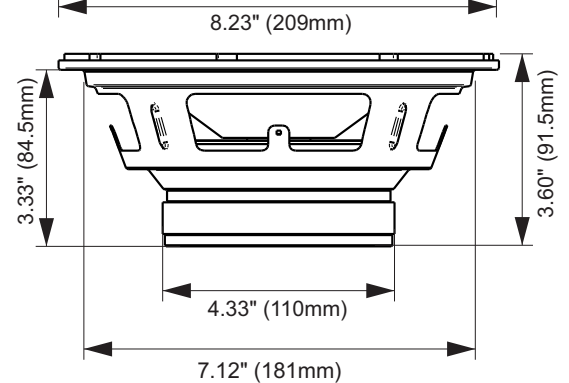
Equivalent Volume	Vas	21.2 l
Excursion	Xmax	3.50 mm
Free Air Resonance	Fs	75.6 Hz
Mechanical Factor	Qms	14.07
Electrical Factor	Qes	1.10
Total Factor	Qts	1.02
Cone Area	Sd	227 cm <sup>2</sup>
Mechanical Mass	Mms	15.0 g
Bl Factor	Bl	6.53 Tm
Dc Resistance	Re	6.6 Ohms
Inductance	Le	0.275mH at 1 kHz
Mechanical Mass Without Air	Mmd	13.1 g
Mechanical Compliance	Cms	0.294 mm/N

## EXTRA INFO

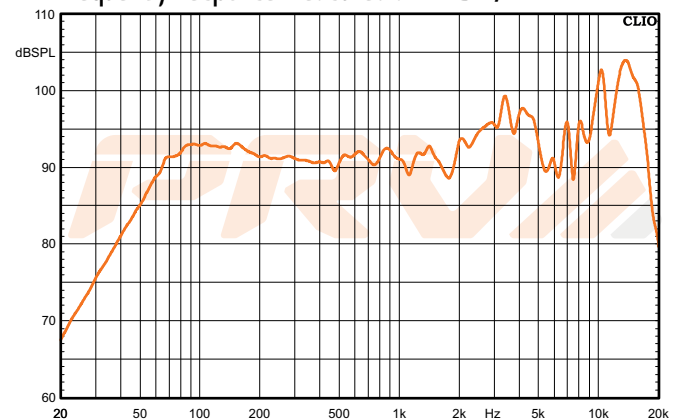
Overall Diameter	8.23" (209 mm)
Front Mount Baffle Cutout	7.12" (181 mm)
Mounting Depth	3.33" (84.5 mm)
Overall Depth	3.60" (91.5 mm)
Net Weight	3.53 Lbs (1.6 kg)
Shipping Weight	3.97 Lbs (1.8 kg)
Carton Dimensions W x L x H	8.66" x 8.66" x 4.53" (220 x 220 x 105 mm)

\*\*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



Frequency Response Measured at 2.83 V/1m



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