

8FR250

Professional Full Range Driver



KEY FEATURES

- 250 Watts continuous program power
- 93.5 dB Sensitivity
- 50 - 18,000 Hz

GENERAL SPECIFICATIONS

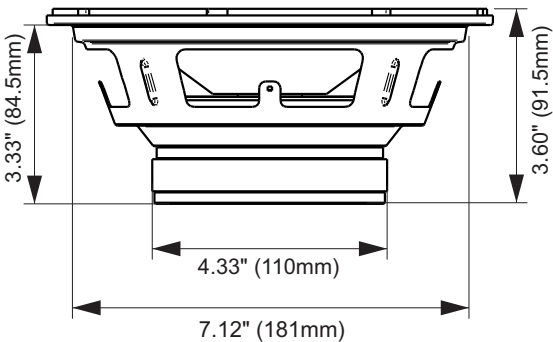
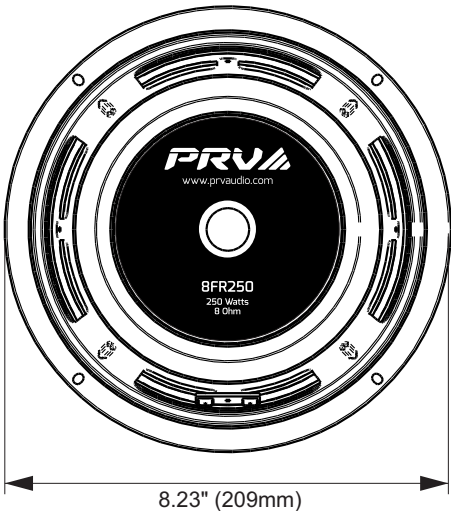
Nominal Diameter	8" (203 mm)
Nominal impedance	8 Ohm
Nominal Power Handling	125 Watts
Continuous Program Power (RMS)	250 Watts
Max Peak Power	500 Watts
Sensitivity 2.83V at 1m	93.5 dB
Recommended Hi Pass Crossover*	75 Hz*
*For Full Power Handling	*12db Per Octave Crossover
Frequency Response	50 - 18,000 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	Stamped Steel

THIELE-SMALL PARAMETERS

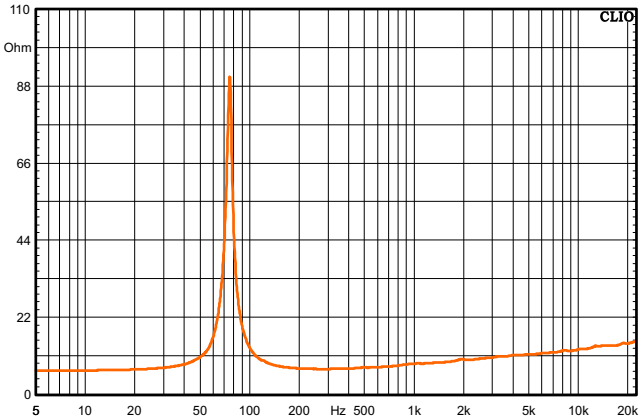
Equivalent Volume	Vas	21.2 l
Excursion (mathematical)***	Xmax	3.50 mm
Free Air Resonance	Fs	75.6 Hz
Mechanical Factor	Qms	14.07
Electrical Factor	Qes	1.10
Total Factor	Qts	1.02
Cone Area	Sd	227 cm ²
Mechanical Mass	Mms	15.0 g
Bl Factor	Bl	6.53 Tm
Dc Resistance	Re	6.6 Ohm
Inductance	Le	0.275mH at 1 kHz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

EXTRA INFO

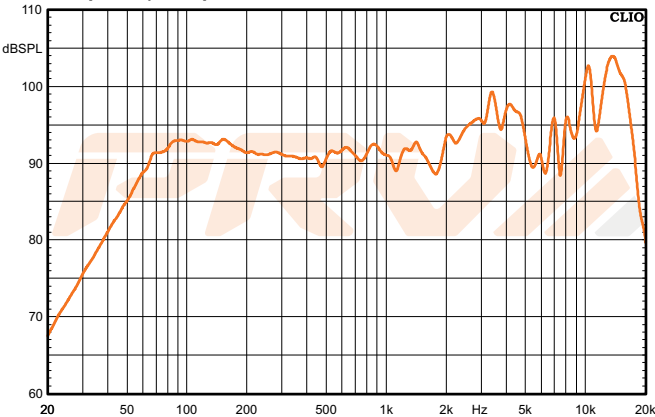
Overall Diameter	8.23" (209 mm)
Front Mount Baffle Cutout	7.12" (181 mm)
Mounting Depth	3.33" (84.5 mm)
Overall Depth	3.60" (91.5 mm)
Net Weight	3.53 Lbs (1.60 kg)
Shipping Weight	3.97 Lbs (1.80 kg)
Carton Dimensions W x L x H	8.66" x 8.66" x 4.53" (220 x 220 x 105 mm)



Impedance Curve - Free Air



Frequency Response Measured at 2.83V/1m



**Xmax=(Voice coil winding depth-Magnetic Gap depth)/2+ Mgnetic Gap Depth/4
*** T-5 parameters measured after 2 hours at 1/2 Rated power, pink noise preconditioning test