

15W800A

Professional Low Frequency Driver



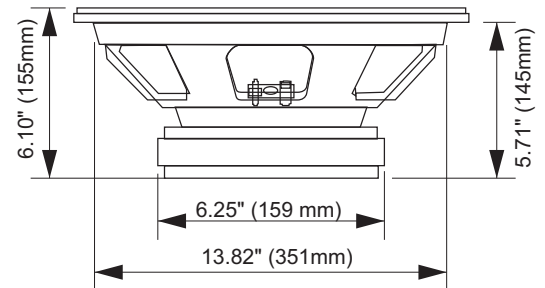
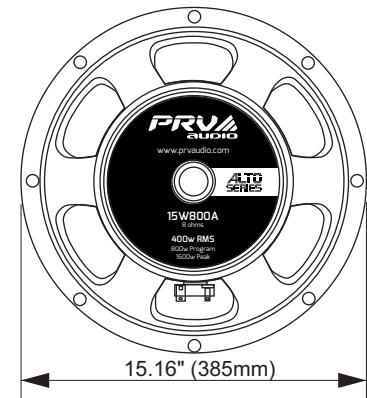
KEY FEATURES

- 2.5" Voice coil
- 400 Watts continuous power handling
- 97 dB Sensitivity
- 50-5,500 Hz



GENERAL SPECIFICATIONS

Nominal Diameter	15" (381 mm)
Nominal impedance	8 ohms
Rated Power Handling	400 Watts
Program Power	800 Watts
Sensitivity 2.83V at 1m	97 dB
Recommended Hi Pass Crossover*	150 Hz*
<small>*For Full Power Handling</small>	<small>*12db Per Octave Crossover</small>
Frequency Response at -10dB	50 - 5,500 Hz
Voice Coil Diameter	2.5" (65.5 mm)
Voice Coil Wire	CCAW
Voice Coil Winding Depth	12.5 mm
Former Material	Kapton®
Magnetic Gap Depth	8.5 mm
Frame Material	Stamped Steel



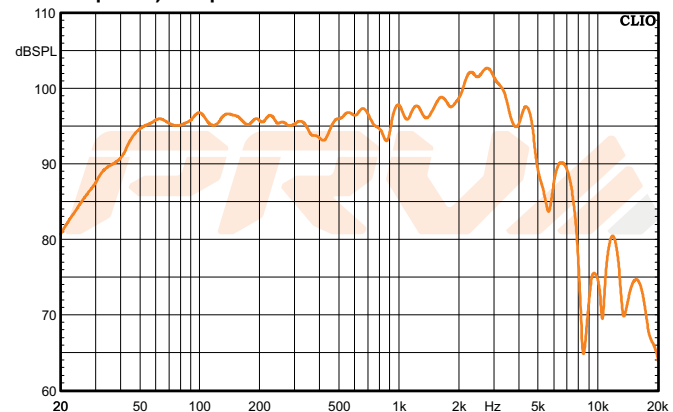
THIELE-SMALL PARAMETERS

Equivalent Volume	Vas	151.3 l
Excursion (mathematical)***	Xmax	4.12 mm
Free Air Resonance	Fs	50.8Hz
Mechanical Factor	Qms	15.63
Electrical Factor	Qes	0.68
Total Factor	Qts	0.65
Cone Area	Sd	897 cm ²
Mechanical Mass	Mms	72.89g
Bl Factor	BL	14.32 Tm
Dc Resistance	Re	6.0 Ohms
Inductance	Le	0.71 mH at 1 kHz
Mechanical Mass Without Air	Mmd	57.64 g
Mechanical Compliance	Cms	0.134 mm/N

EXTRA INFO

Overall Diameter	15.16" (385 mm)
Front Mount Baffle Cutout	13.82" (351 mm)
Mounting Depth	5.71" (145 mm)
Overall Depth	6.10" (155 mm)
Net Weight	11.62 Lbs (5.27 kg)
Shipping Weight	13.18Lbs (5.98 kg)
Carton Dimensions W x L x H	15.94" x 15.94" x 7.09" (405 x 405 x 180 mm)

Frequency Response Measured at 2.83v/1m



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***Xmax=(Voice coil winding depth-Magnetic Gap depth)/2+ Magnetic Gap Depth/4