

18FH2400v2

Professional Low Frequency Driver



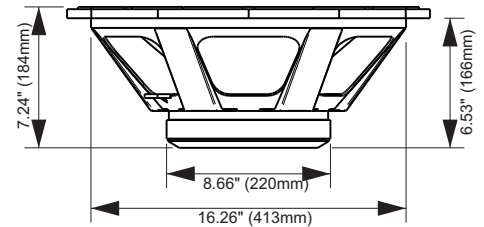
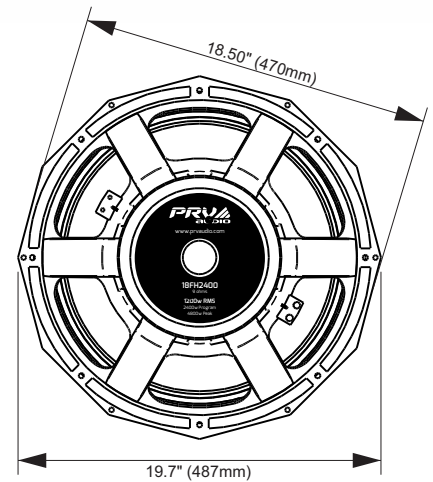
KEY FEATURES

- Large 4" Voice coil
- 1,200 Watts continuous power handling
- 98 dB Sensitivity
- Designed for folded horns application



GENERAL SPECIFICATIONS

Nominal Diameter	18" (457 mm)
Nominal impedance	8 ohms
Rated Power Handling	1,200 Watts
Program Power	2,400 Watts
Sensitivity 2.83V at 1m	98 dB
Recommended Hi Pass Crossover*	45 Hz*
<small>*For Full Power Handling</small>	<small>*12db Per Octave Crossover</small>
Frequency Response at -10dB	40- 2,500 Hz
Voice Coil Diameter	4" (101 mm)
Voice Coil Wire	Copper
Voice Coil Winding Depth	26.0 mm
Former Material	Kapton®
Magnetic Gap Depth	12.0 mm
Frame Material	Die cast aluminum



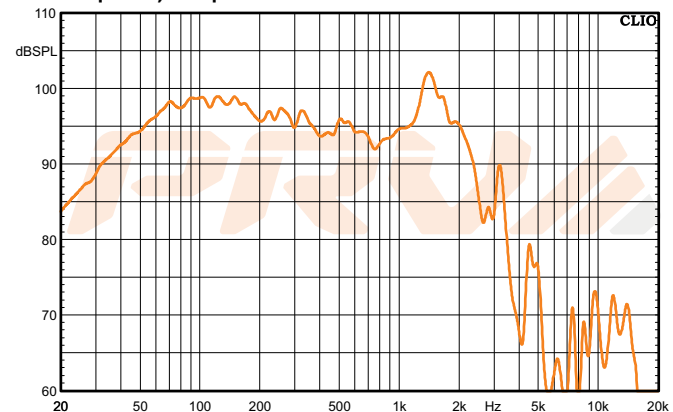
THIELE-SMALL PARAMETERS

Equivalent Volume	Vas	192.4 l
Excursion (mathematical)***	Xmax	10.00 mm
Free Air Resonance	Fs	40.8 Hz
Mechanical Factor	Qms	9.59
Electrical Factor	Qes	0.51
Total Factor	Qts	0.48
Cone Area	Sd	1353 cm ²
Mechanical Mass	Mms	201.33 g
Bl Factor	BL	23.38 Tm
Dc Resistance	Re	5.4 Ohms
Inductance	Le	2.66 mH at 1 kHz
Mechanical Mass Without Air	Mmd	173.2 g
Mechanical Compliance	Cms	0.075 mm/N

EXTRA INFO

Overall Diameter	19.17" (487 mm)
Front Mount Baffle Cutout	16.26" (413 mm)
Mounting Depth	6.53" (166 mm)
Overall Depth	7.24" (184 mm)
Net Weight	30.42 Lbs (13.80 kg)
Shipping Weight	33.95 Lbs (15.40 kg)
Carton Dimensions W x L x H	19.3" x 19.3" x 8.9" (490 x 490 x 225mm)

Frequency Response Measured at 2.83v/1m



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