

18SW2400

Professional Low Frequency Driver

PRV
audio
BRAZIL

KEY FEATURES

- 2400 Watts Continuous Program Power
- 97 dB Sensitivity
- 45 - 2,200 Hz of frequency response

Nominal Diameter 18" (457 mm)

Nominal impedance 8 Ohm

Nominal Power Handling 1200 Watts

Continuous Program Power (RMS) 2400 Watts

Max Peak Power 4800 Watts

Sensitivity 2.83V at 1m 97 dB

Recommended Hi Pass Crossover* 50 Hz*

*For Full Power Handling *12db Per Octave Crossover

Frequency Response 45 - 2,200 Hz

Voice Coil Diameter 4" (101 mm)

Voice Coil Wire Copper

Voice Coil Winding Depth 31.0 mm

Former Material Glass Fiber

Magnetic Gap Depth 12.0 mm

Frame Material Die cast Aluminum

Equivalent Volume Vas 192.8 l

Excursion (mathematical)*** Xmax 12.5 mm

Free Air Resonance Fs 36.3 Hz

Mechanical Factor Qms 15.57

Electrical Factor Qes 0.58

Total Factor Qts 0.56

Cone Area Sd 1290 cm²

Mechanical Mass Mms 231.2 g

Bl Factor Bl 22.5 Tm

Dc Resistance Re 5.6 Ohm

Inductance Le 1.54 mH at 1kHz

Mechanical Mass Without Air Mmd 205.0 g

Mechanical Compliance Cms 0.083 mm/N

Overall Diameter 18.38" (467 mm)

Front Mount Baffle Cutout 16.65" (423 mm)

Mounting Depth 8.23" (209 mm)

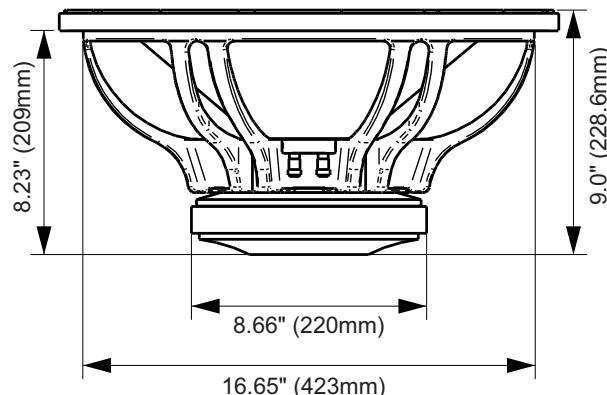
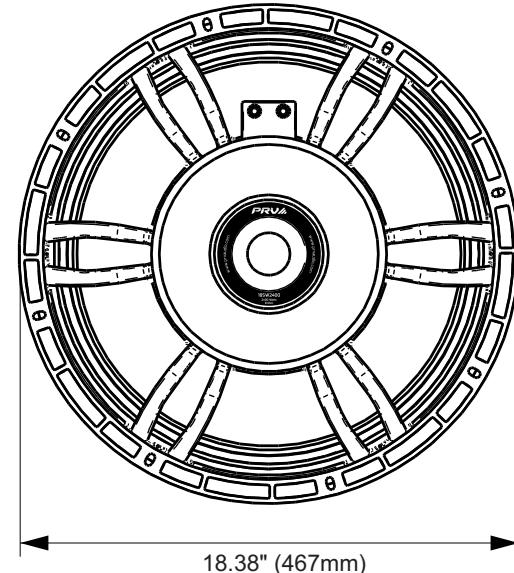
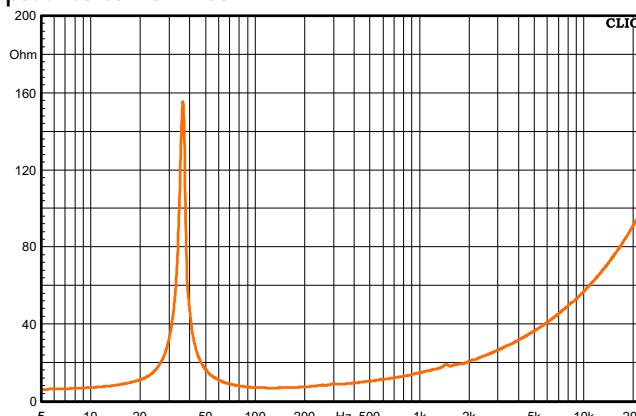
Overall Depth 9.0" (228.6 mm)

Net Weight 28.0 Lb (12.7 kg)

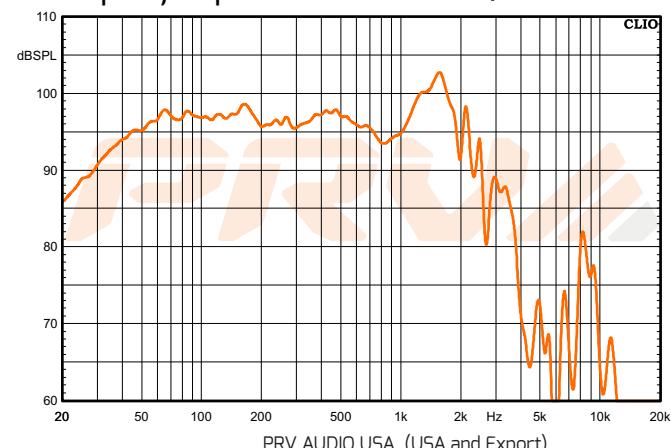
Shipping Weight 31.75 Lb (14.4 kg)

Carton Dimensions W x L x H 19.5" x 19.5" x 10.6" (495 x 495 x 270 mm)

Impedance Curve - Free Air



Frequency Response Measured at 2.83V/1m



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

*** T-S parameters measured after 2 hours at 1/2 Rated power, pink noise preconditioning test

PRV Audio strives to manufacture the best drivers in the Professional Loudspeaker industry. Specifications are subject to change due to continuous product improvement - Rev: 03/23

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