

# MT8SW800 D4

Subwoofer



## KEY FEATURES

- 2.0" Voice coil
- 800 Watts continuous program power
- 81 dB Sensitivity

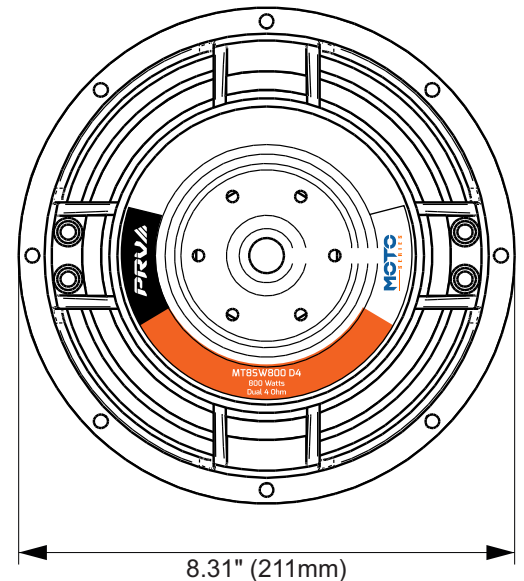


## GENERAL SPECIFICATIONS

Nominal Diameter	8" (203 mm)
Nominal impedance	4 + 4 Ohm
<b>Nominal Power Handling</b>	<b>400 Watts</b>
Continuous Program Power (RMS)	800 Watts
Max Peak Power	1600 Watts
<b>Sensitivity 1.41V at 1m</b>	<b>81 dB (Parallel VC)</b>
Voice Coil Diameter	2.0" (50 mm)
Voice Coil Wire	Copper
Voice Coil Winding Depth	33.0 mm
Former Material	Black Aluminum
Magnetic Gap Depth	10 mm
Frame Material	Die cast Aluminum

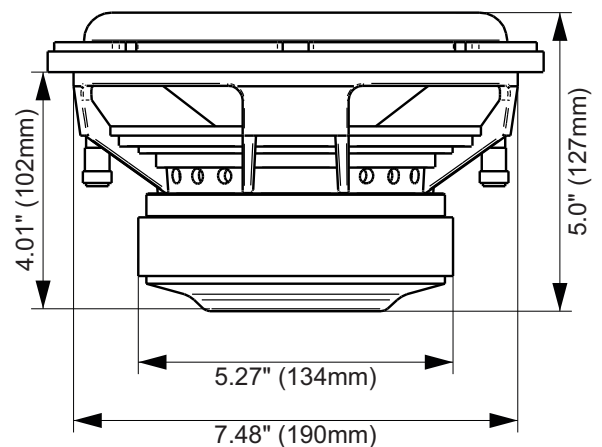
## THIELE-SMALL PARAMETERS

Equivalent Volume	Vas	8.44 l
Excursion (mathematical)***	Xmax	14.00 mm
Free Air Resonance	Fs	45.15 Hz
Mechanical Factor	Qms	10.35
Electrical Factor	Qes	1.00
Total Factor	Qts	0.92
Cone Area	Sd	213 cm <sup>2</sup>
Mechanical Mass	Mms	96.23 g
Bl Factor	Bl	6.78 Tm
Dc Resistance (Parallel VC)	Re	1.7 Ohm
Inductance	Le	1.18 mH at 1 kHz
Mechanical Mass Without Air	Mmd	94.43 g
Mechanical Compliance	Cms	0.129 mm/N



## EXTRA INFO

Overall Diameter	8.31" (211 mm)
Front Mount Baffle Cutout	7.48" (190 mm)
Mounting Depth	4.01" (102 mm)
Overall Depth	5.00" (127 mm)
Net Weight	8.71 Lbs (3.95 kg)
Shipping Weight	9.92 Lbs (4.5 kg)
Carton Dimensions W x L x H	9.84" x 9.84" x 6.3" (250 x 250 x 160 mm)



## RECOMMENDED ENCLOSURE

Type	Volume	Port Size	Port Tuning
Compact Sealed Enclosure	0.9 ft <sup>3</sup>	None	None
Compact Ported Enclosure	1 ft <sup>3</sup>	3" Diameter by 6" Length	47 Hz
Recommended Enclosure	1.25 ft <sup>3</sup>	3" Diameter by 9" Length	39 Hz

\*\*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

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