

12W5000-4

Professional Low Frequency Driver



KEY FEATURES

- 4" Voice coil
- 5000 Watts continuous program power
- 93 dB Sensitivity
- 60 - 800 Hz



GENERAL SPECIFICATIONS

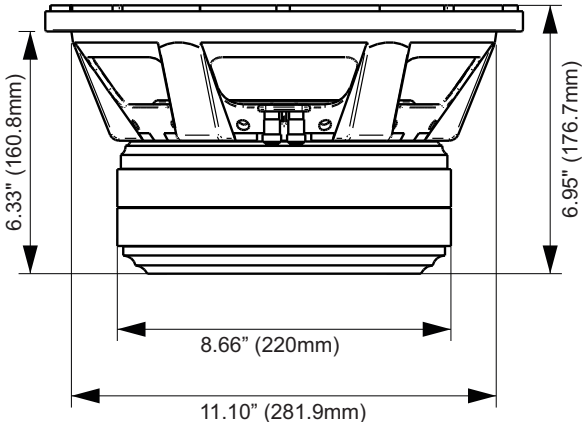
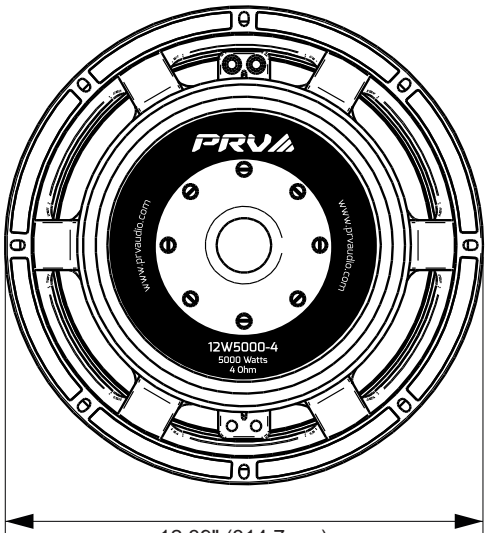
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| Nominal Diameter | 12" (305 mm) |
| Nominal impedance | 4 Ohm |
| Nominal Power Handling | 2500 Watts |
| Continuous Program Power (RMS) | 5000 Watts |
| Max Peak Power | 10000 Watts |
| Sensitivity 2.00V at 1m | 93 dB |
| Recommended High Pass Crossover* | 65 Hz (BT24)* |
| *For Full Power Handling | *24db Per Octave Crossover |
| Recommended Low Pass Crossover* | 300 Hz (BT24)* |
| *For Full Power Handling | *24db Per Octave Crossover |
| Frequency Response | 60 - 800 Hz |
| Voice Coil Diameter | 4" (100 mm) |
| Voice Coil Wire | CCAW |
| Voice Coil Winding Depth | 29.0 mm |
| Former Material | Glass Fiber |
| Magnetic Gap Depth | 18.0 mm |
| Frame Material | Die cast aluminum |

THIELE-SMALL PARAMETERS

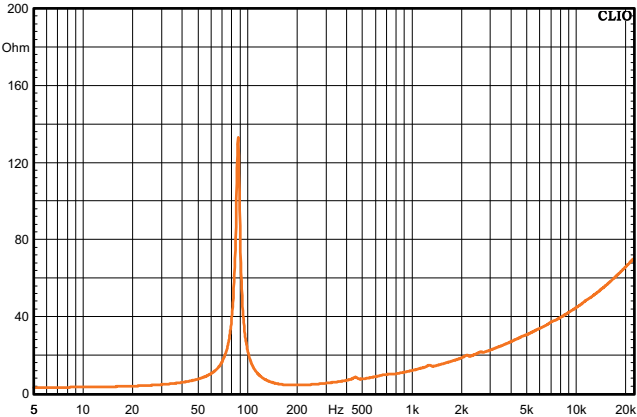
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|-----------------------------|------|---------------------|
| Equivalent Volume | Vas | 10,27 l |
| Excursion (mathematical)*** | Xmax | 10.00 mm |
| Free Air Resonance | Fs | 87,7 Hz |
| Mechanical Factor | Qms | 22.4 |
| Electrical Factor | Qes | 0.52 |
| Total Factor | Qts | 0.51 |
| Cone Area | Sd | 573 cm ² |
| Mechanical Mass | Mms | 146.7 g |
| Bl Factor | Bl | 21.6 Tm |
| Dc Resistance | Re | 3.0 Ohm |
| Inductance | Le | 1.37 mH at 1 kHz |
| Mechanical Mass Without Air | Mmd | 138.9g |
| Mechanical Compliance | Cms | 0.022 mm/N |

EXTRA INFO

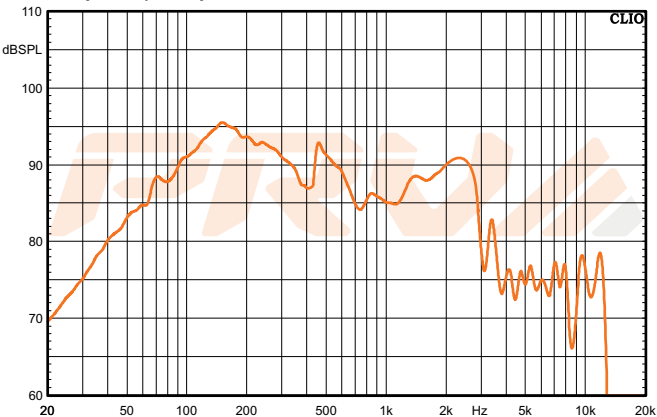
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|-----------------------------|---|
| Overall Diameter | 12.39" (314.7 mm) |
| Front Mount Baffle Cutout | 11.10" (281.9 mm) |
| Mounting Depth | 6.33" (160.8 mm) |
| Overall Depth | 6.95" (176.7 mm) |
| Net Weight | 43.87 Lbs (19,90 kg) |
| Shipping Weight | 47.87 Lbs (21.70 kg) |
| Carton Dimensions W x L x H | 16.73" x 16.85" x 11.42" (425 x 428 x 290 mm) |



Impedance Curve - Free Air



Frequency Response Measured at 2.00V/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

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