

RS65-SUBD4

Subwoofer



KEY FEATURES

- 2.0" Voice coil
- 300 Watts continuous program power
- 82 dB Sensitivity

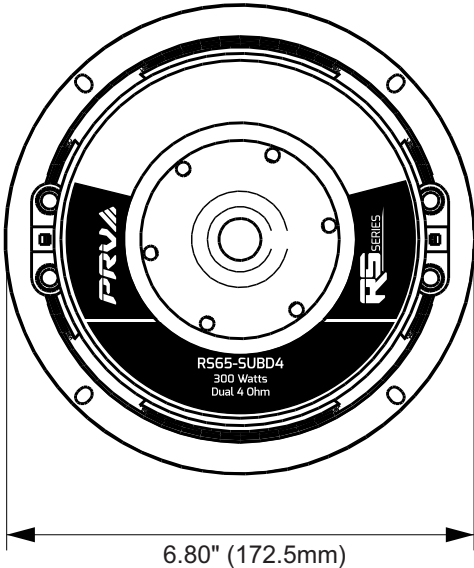
GENERAL SPECIFICATIONS

|                                |                     |
|--------------------------------|---------------------|
| Nominal Diameter               | 6.5" (165 mm)       |
| Nominal impedance              | 4 + 4 Ohm           |
| Continuous Program Power (RMS) | 300 Watts           |
| Max Peak Power                 | 600 Watts           |
| Sensitivity 1.41V at 1m        | 82 dB (Parallel VC) |
| Voice Coil Diameter            | 2.0" (50 mm)        |
| Voice Coil Wire                | Copper              |
| Voice Coil Winding Depth       | 21.0 mm             |
| Former Material                | Black Aluminum      |
| Magnetic Gap Depth             | 8.0 mm              |
| Frame Material                 | Stamped Steel       |



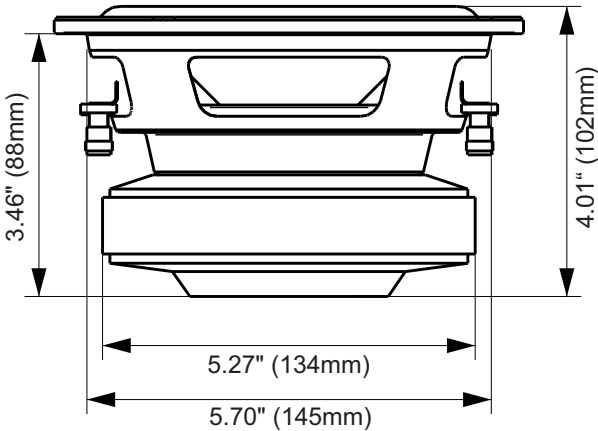
THIELE-SMALL PARAMETERS

|                             |      |                     |
|-----------------------------|------|---------------------|
| Equivalent Volume           | Vas  | 2.07 l              |
| Excursion (mathematical)**  | Xmax | 8.75 mm             |
| Free Air Resonance          | Fs   | 64.5 Hz             |
| Mechanical Factor           | Qms  | 5.00                |
| Electrical Factor           | Qes  | 0.66                |
| Total Factor                | Qts  | 0.58                |
| Cone Area                   | Sd   | 123 cm <sup>2</sup> |
| Mechanical Mass             | Mms  | 61.79 g             |
| Bl Factor                   | BL   | 7.98 Tm             |
| Dc Resistance (Parallel VC) | Re   | 1.7 Ohm             |
| Inductance                  | Le   | 0.95 mH at 1 kHz    |
| Mechanical Mass Without Air | Mmd  | 61.02 g             |
| Mechanical Compliance       | Cms  | 0.09 mm/N           |



EXTRA INFO

|                             |                                            |
|-----------------------------|--------------------------------------------|
| Overall Diameter            | 6.80" (172.5 mm)                           |
| Front Mount Baffle Cutout   | 5.70" (145 mm)                             |
| Mounting Depth              | 3.46" (88 mm)                              |
| Overall Depth               | 4.01" (102 mm)                             |
| Net Weight                  | 7.27 Lbs (3.30 kg)                         |
| Shipping Weight             | 8.81 Lbs (4.00 kg)                         |
| Carton Dimensions W x L x H | 8.07" x 8.07" x 5.71" (205 x 205 x 145 mm) |



RECOMMENDED ENCLOSURE

| Type                        | Volume               | Box Size    | Port Size                                    | Box Tunning |
|-----------------------------|----------------------|-------------|----------------------------------------------|-------------|
| Sealed Enclosure            | 0.15 ft <sup>3</sup> | 7"x7"x5.5"  | None                                         | 55 Hz       |
| Single Sub Ported Enclosure | 0.26 ft <sup>3</sup> | 7"x14"x5.5" | Triangle shaped 2.5"x2.5"x3.5" by 12" Length | 50 Hz       |
| Dual Sub Ported Enclosure   | 0.81 ft <sup>3</sup> | 7"x20"x10"  | Slot shaped 7"x1.25" by 16.5" Length         | 45 Hz       |

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