

SX10D4

10" DVC Subwoofer



1600W
PEAK POWER



10"
WOOFER



4 OHM
IMPEDANCE



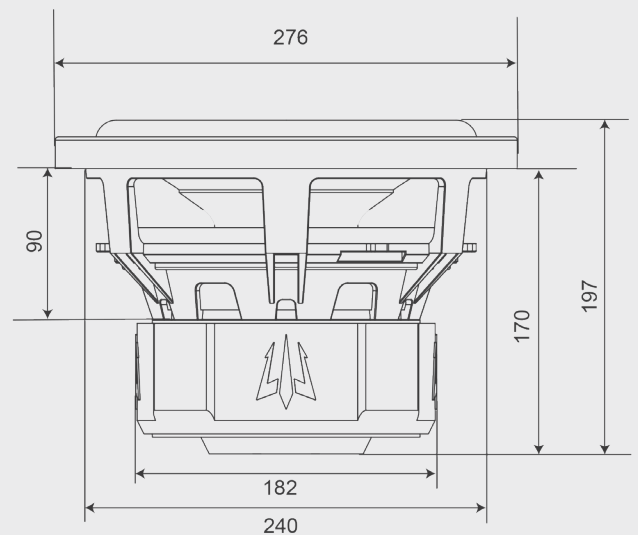
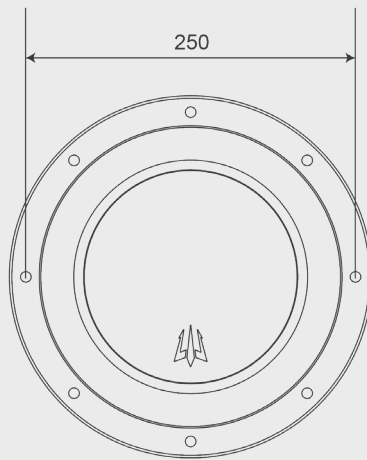
DUAL
VOICE COIL

SPECIFICATIONS:

Peak Power: 1600W
RMS Power: 800W
Voice Coil: 3"
Impedance: 4 Ohms
Magnet: 70 oz. x 2

FEATURES:

Die-Cast Aluminum Basket
Non-Pressed Paper Cone
Stitch Foam Surround



| | SX6D2 Parallel Coils | SX6D2 Series Coils | SX8D2 Parallel Coils | SX8D2 Series Coils | SX10D2 Parallel Coils | SX10D2 Series Coils | SX12D2 Parallel Coils | SX12D2 Series Coils | |
|--|-------------------------|-----------------------|-------------------------|-----------------------|--------------------------|------------------------|--------------------------|------------------------|-----------------------|
| Electrical Parameters | | | | | | | | | |
| Re | 1.07 | 4.27 | 1.03 | 4.1 | 0.99 | 3.94 | 0.98 | 3.9 | Ohm |
| Le | 0.827 | 3.302 | 1.081 | 4.346 | 1.117 | 4.499 | 1.092 | 4.391 | mH |
| L2 | 1.262 | 5.008 | 1.832 | 7.3 | 2.088 | 8.341 | 2.008 | 7.973 | mH |
| R2 | 2.1 | 8.31 | 2.91 | 11.48 | 3.49 | 13.95 | 3.41 | 13.53 | Ohm |
| Cmes | 2507.88 | 655.59 | 2471.38 | 611.31 | 3386.49 | 849.39 | 4244.45 | 1057.23 | µF |
| Lces | 5.25 | 19.47 | 5.75 | 23 | 4.83 | 19.26 | 4.41 | 17.58 | mH |
| Res | 10.39 | 46.18 | 11.22 | 47.59 | 11.21 | 44.39 | 9.57 | 39.28 | Ohm |
| fs | 43.9 | 44.5 | 42.2 | 42.4 | 39.4 | 39.4 | 36.8 | 36.9 | Hz |
| Mechanical Parameters (using laser) | | | | | | | | | |
| Mms | 133.918 | 140.509 | 243.816 | 236.71 | 355.654 | 354.712 | 428.618 | 432.956 | g |
| Mmd (Sd) | 132.068 | 138.659 | 240.714 | 233.608 | 349.171 | 348.229 | 414.794 | 419.132 | g |
| Rms | 5.138 | 4.641 | 8.792 | 8.137 | 9.367 | 9.407 | 10.555 | 10.427 | kg/s |
| Cms | 0.098 | 0.091 | 0.058 | 0.059 | 0.046 | 0.046 | 0.044 | 0.043 | mm/N |
| Kms | 10.17 | 11.01 | 17.14 | 16.83 | 21.76 | 21.68 | 22.89 | 23.29 | N/mm |
| Bl | 7.307 | 14.64 | 9.933 | 19.678 | 10.248 | 20.435 | 10.049 | 20.237 | N/A |
| Lambda s | 0.216 | 0.225 | 0.067 | 0.047 | 0.055 | 0.046 | 0.014 | -0.003 | |
| Loss factors | | | | | | | | | |
| Qtp | 0.704 | 0.753 | 0.661 | 0.659 | 0.814 | 0.812 | 0.921 | 0.92 | |
| Qms | 7.184 | 8.474 | 7.353 | 7.757 | 9.392 | 9.322 | 9.385 | 9.631 | |
| Qes | 0.741 | 0.784 | 0.674 | 0.668 | 0.828 | 0.827 | 0.96 | 0.957 | |
| Qts | 0.672 | 0.718 | 0.618 | 0.615 | 0.761 | 0.76 | 0.871 | 0.87 | |
| Other Parameters | | | | | | | | | |
| Vas | 2.6848 | 2.4812 | 3.1734 | 3.232 | 6.6795 | 6.703 | 17.4253 | 17.1278 | l |
| n0 | 0.029 | 0.027 | 0.034 | 0.036 | 0.047 | 0.047 | 0.087 | 0.087 | % |
| Lm | 76.88 | 76.5 | 77.52 | 77.71 | 78.95 | 78.97 | 81.59 | 81.57 | dB |
| Lnom | 79.59 | 73.2 | 80.4 | 74.59 | 82.01 | 76.02 | 84.69 | 78.67 | dB |
| Sd | 138.93 | 138.93 | 196.07 | 196.07 | 320.47 | 320.47 | 530.93 | 530.93 | cm² |
| EBP | 59.2 | 56.8 | 62.6 | 63.5 | 47.6 | 47.6 | 38.3 | 38.6 | |