

SSX

Something You Can Beat On

The Treo Engineering Street Series Extreme is without question the most insane street bass woofer ever developed. Every component of this woofer was custom designed to deliver the deepest, clearest, and loudest sub-bass available at any price. To that foundation, we added incredible reliability and increased power handling to an eardrum-smashing 2500W RMS.

- Precision CNC-machined, low-carbon steel motor structure (534 oz. on SSX12.xx, 582 oz. on SSX15.xx & SSX18.xx)
- Triple-stacked strontium ferrite magnets with an attractive rubber magnet boot
- High-flow extreme diameter vented pole piece
- Extreme excursion motor structure and suspension design
- 5-layer, poly-ether; UV-treated foam surround
- Largest high-temp Nomrex damper in car audio today – allows 4" of excursion
- Integrated tinsel leads for increased reliability and enhanced sound quality at high excursion
- Attractive anti-resonance die-cast aluminum basket with exclusive Treo Engineering perimeter venting
- Kevlar-reinforced, Treo-exclusive Penta-fiber cone
- Extreme power handling 4.0" high-temp aluminum voice coils with integral heatsink on SSX15.xx and SSX18.xx
- Extreme power handling 3.0" high-temp aluminum voice coils with integral heatsink on SSX12.xx
- 2000 watts RMS power handling on SSX12.xx
- 2500 watts RMS power handling on SSX15.xx & SSX18.xx
- Dual 1-Ohm or dual 2-Ohm voice coils for a variety of installation options.
- Nickel-plated, spring-plated, push terminals retain up to 8 AWG wire
- Optimized for medium and large sealed, vented and bandpass enclosures
- Hand built in the United States from domestic and imported components
- 3-year dealer installed warranty



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TECHNICAL INFORMATION

	SSX12.11	SSX12.22	SSX15.11	SSX15.22	SSX18.11	SSX18.22
Woofer Size	12 in 300 mm	12 in 300 mm	15 in 380 mm	15 in 380 mm	18 in 460 mm	18 in 460 mm
Nominal Impedance	Dual 1 Ω	Dual 2 Ω	Dual 1 Ω	Dual 2 Ω	Dual 1 Ω	Dual 2 Ω
Outside Diameter	12.625in 321 mm	12.625in 321 mm	15.75in 400 mm	15.75in 400 mm	18.5in 470 mm	18.5in 470 mm
Cutout Size	11.125 in 283 mm	11.125 in 283 mm	14.125 in 358 mm	14.125 in 358 mm	16.125 in 421 mm	16.125 in 421 mm
Mounting Depth	6.375 in 162 mm	6.375 in 162 mm	7.75 in 197mm	7.75 in 197mm	9.5 in 240cm	9.5 in 240cm
Voice-coil Diameter	3.0 in 76 mm	3.0 in 76 mm	4.0 in 102 mm	4.0 in 102 mm	4.0 in 102 mm	4.0 in 102 mm
Motor Weight	534 oz 16.61 kg	534 oz 16.61 kg	582 oz 18.10 kg	582 oz 18.10 kg	582 oz 18.10 kg	582 oz 18.10 kg
Total Weight	612 oz 17.35 kg	612 oz 17.35 kg	732 oz 22.77 kg	732 oz 22.77 kg	676 oz 21.03 kg	676 oz 21.03 kg
Driver Displacement	0.20 ft ³ 5.66 L	0.20 ft ³ 5.66 L	0.26 ft ³ 7.24 L	0.26 ft ³ 7.24 L	0.31 ft ³ 8.90 L	0.31 ft ³ 8.90 L
Revc Impedance	2.2 Ω	3.8 Ω	2.0 Ω	4.0 Ω	2.0 Ω	4.0 Ω
Power Handling (RMS)	2000 W	2000 W	2500 W	2500 W	2500 W	2500 W
SPLo*	88.085 dB	86.280 dB	86.652 dB	86.547 dB	88.549 dB	87.828 dB
No	0.40%	0.27%	0.29%	0.28%	0.45%	0.38%
Sd	74.9 in ² 483.0 cm ²	74.9 in ² 483.0 cm ²	114.0 in ² 735.4 cm ²	114.0 in ² 735.4 cm ²	163.1 in ² 1052 cm ²	163.1 in ² 1052 cm ²
Fo	31.429 Hz	26.995 Hz	24.957 Hz	21.665 Hz	23.463 Hz	22.922 Hz
Vas	1.715 ft ³ 48.584 L	1.506 ft ³ 42.633 L	3.379 ft ³ 95.682 L	3.701 ft ³ 104.801 L	6.308 ft ³ 178.617 L	5.927 ft ³ 167.841 L
Qms	2.375	4.679	2.858	3.789	2.678	4.414
Qes	0.361	0.304	0.495	0.363	0.496	0.513
Qts	0.313	0.285	0.422	0.331	0.419	0.460
Cms	146.630 μM/N	173.907 μM/N	124.588 μM/N	138.267 μM/N	113.659 μM/N	114.055 μM/N
Mmd	168.778 g	194.998 g	314.962 g	379.295 g	385.220 g	404.012 g
Mms	174.883 g	199.868 g	326.429 g	390.650 g	404.840 g	422.688 g
BL	13.837 T-M	20.584 T-M	15.085 T-M	24.210 T-M	15.514 T-M	21.787 T-M
X-Max	1.02 in 26 mm	1.02 in 26 mm	1.10 in 28 mm	1.10 in 28 mm	1.10 in 28 mm	1.10 in 28 mm

All drivers tested with voice coils in series.
* Efficiency is not an accurate indicator of a subwoofer's output capability and should not be used to compare subwoofers.

RECOMMENDED ENCLOSURES

	SEALED	PORTED
SSX12.11 & SSX12.22	Not Recommended	2.25 cu ft net, 35 sq in vent, 18.5 in long, F3=31.8 Hz
SSX15.11 & SSX15.22	2.1 cu ft F3=40.2 Hz	3.5 cu ft net, 50 sq in vent, 25.25 in long, F3=29.4 Hz
SSX18.11 & SSX18.22	3.4 cu ft F3=39.4 Hz	4.0 cu ft net, 50 sq in vent, 21.5 in long, F3=31 Hz



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