

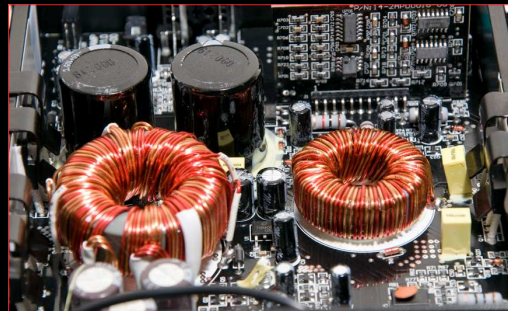
# TREO ENGINEERING

# RSX

TREO Engineering has combined the latest developments with the most advanced surface mount manufacturing technology in order to create the brand-new RSX Amplifier series. A state of the art parts evaluation process allows only <1% tolerance semiconductors to be mounted to double sided military spec PC boards with four ounce copper traces.

The TREO RSX Amplifier line has been engineered to deliver the precise and hard-hitting power that the most fanatic car audio enthusiasts need at a wallet-friendly price in reach of anyone with a desire for great sound. The compact size and terrific efficiency of the TREO RSX Amplifier series allow use in even the most challenging vehicle applications. The simple and understated styling is easily integrated into any installation from near-stock to fully custom.

The TREO RSX2200 stereo amplifier and the RSX4400 four-channel amplifier are perfect matches for TREO RSX Integrated and Separate speakers. For power for the lower octaves, the monoblock RSX1600 and RSX1900 deliver peak performance when matched with the all-new TREO RSX Subwoofers and driven at 1 ohm. Both monoblock models are bridgeable in a Master/Servant configurations at two ohms for double the power.



<1% tolerance semiconductors to be mounted to double sided military spec PC boards with four ounce copper traces.

## Available Models:

### RSX1600

Bridgeable Class-D monoblock subwoofer amplifier  
260Wx1 RMS at 2 Ohms  
500Wx1 RMS at 1 Ohm  
1000Wx1 RMS at 2 Ohms with Bridged Pair in Master/Servant configuration

### RSX1900

Bridgeable Class-D monoblock subwoofer amplifier  
520Wx1 RMS at 2 Ohms  
1000Wx1 RMS at 1 Ohm  
2000Wx1 RMS at 2 Ohms with Bridged Pair in Master/Servant configuration

### RSX2200

Bridgeable Class-A/B Full-Range stereo amplifier  
50Wx2 RMS at 4 Ohms  
100Wx2 RMS at 2 Ohms  
200Wx1 RMS at 4 Ohms bridged

### RSX4400

Bridgeable Class-A/B Full-Range Four channel amplifier  
50Wx4 RMS at 4 Ohms  
100Wx4 RMS at 2 Ohms  
200Wx2 RMS at 4 Ohms bridged



Optional remote bass control knob for RSX1500 and RSX1900 with brushed aluminum finish.



# RSX AMPLIFIER



## TECHNICAL INFORMATION

Specifications	RSX1600	RSX1900	RSX2200	RSX 4400
RMS POWER 4OHM AT 0.1% THD	160Wx1	320Wx1	50Wx2	50Wx4
RMS POWER 2OHM AT 0.1% THD	260Wx1	520Wx1	100Wx2	100Wx4
RMS BRIDGED POWER 4 OHM @ 0.1% THD	N/A	N/A	200Wx1	200Wx2
RMS POWER 1OHM AT 1% THD	500Wx1	1000Wx1	N/A	N/A
CHANNEL SEPARATION	N/A	N/A	>75 dB	>65 dB
FREQUENCY RANGE	8-180 Hz	8-180 Hz	20 Hz-20 kHz	20 Hz-30 kHz
SIGNAL TO NOISE RATIO	>70 dB	>70 dB	>100 dB	>85 dB
INPUT SENSITIVITY RANGE	200 mV-5 V	200 mV-5 V	250 mV-2.5 V	250 mV-2.5 V
LOW PASS FILTER	40-180 Hz	40-180 Hz	55 Hz-5.5 kHz	50-250 Hz
	24 dB/octave	24 dB/octave	12 dB/octave	12 dB/octave
HIGH PASS FILTER	N/A	N/A	55 Hz-5.5 kHz	50-250 Hz
			12 dB/octave	12 dB/octave
INPUT IMOPEDANCE	>20K Ohm	>20K Ohm	>20K Ohm	>20K Ohm
SUB SONIC 18 dB/OCTAVE	5-50 Hz	5-50 Hz	N/A	N/A
IDLE CURRENT	0.5 A	0.8 A	0.7 A	0.9 A
PEAK CURRENT	40A	100A	28A	45A
EFFICIENCY @ 2OHM	>83%	>83%	>55%	>50%
BASS BOOST	N/A	N/A	18 dB @ 45 Hz	12 dB @ 45 Hz
POWER TERMINAL BLOCK	4 AWG	4 AWG	Fork Terminal	Fork Terminal
WIDTH	8.25 in	8.25 in	8.25 in	8.25 in
LENGTH	7.875 in	12.5 in	10.125 in	13.625 in
HEIGHT	1.375 in	2.375 in	2.375 in	2.375 in
WIDTH	210 mm	210 mm	210 mm	210 mm
LENGTH	200 mm	318 mm	257 mm	346 mm
HEIGHT	60 mm	60 mm	60 mm	60 mm

ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE