

# TSX SEPARATES

## Sound Without Compromise

Go beyond the TSi Integrated speakers and add a separate tweeter with various mounting options, and a computer optimized outboard crossover, and you have the TSX series of separates. The TSX Separates focus on the fine details: crossovers that use the highest quality components with air core inductors and Mylar capacitors, midrange and tweeter technology that is clearly a step above, and a bill of materials that can only be found in the worlds finest loudspeaker systems.

The crossover features a solid state controlled tweeter protection circuit that is fully self regulated and 3 levels of tweeter output control. The self-supporting air core inductors are positioned in the crossover housing to minimize crosstalk, and when paired up with the audiophile grade Mylar capacitors, the result is flawless natural reproduction of high frequencies. The rare element titanium has been sourced to form the dome of the TSX25T tweeter and is suspended by a custom engineered composite surround that delivers unsurpassed dynamic performance and at the same time allows for power levels to exceed the previous standards. Midbass reproduction is strengthened by the use of mica filled polypropylene cones that deliver accuracy and resistance to humidity and corrosion just like the legendary line of TSX subwoofers. Huge voice coils with integral heatsinks and built-in voice coil cooling system, allow power levels thought to be previously destructive, to be a daily task for the TSX mid bass drivers.

- TSX 25t: 25mm Titanium dome tweeter with Neodymium magnet
- Mica-impregnated Polypropylene cone mid-bass drivers
- Resin-impregnated poly-cotton damper for great cone control
- Damper integrated tinsel leads for increased reliability and sound quality
- 4 ohm system impedance with high efficiency for use on high power head units and amplifiers
- Outboard 12db crossover with solid state tweeter protection, air core inductors and Mylar capacitors.
- 3 levels of tweeter outputs
- TSX 25t: 25mm Titanium dome tweeter with Neodymium magnet
- Long copper wound voice coil for distortion free listening
- Powerful and durable strontium ferrite magnet with a protective magnet jacket
- 100% natural rubber surrounds for superior dampening
- Custom grills for style and protection included

**TREO**  
ENGINEERING

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## TECHNICAL INFORMATION

	TSX 5.2	TSX 6.5	TSX25T
Configuration	2 way component system	2 way component system	Separate Tweeter Kit
Midrange Diameter	5.25"	5.25"	NA
Midrange Depth	2.37"	2.5"	NA
Tweeter Diameter	1.85"	1.85"	1.85"
Crossover	12dB LP/24dB HP	12dB LP/24dB HP	24dB HP
Max Power	200 watts	200 watts	200 watts
RMS Power	100 watts	100 watts	100 watts
Nom. Impedance	4 Ohms	4 Ohms	4 Ohms
Voice Coil	37mm	37mm	25mm
Tweeter	25mm Ti	25mm Ti	25mm Ti
Frequency Response	66Hz to 25Khz	59Hz to 25Khz	4.2Khz to 25Khz
Sensitivity	90dB 1w/m	92dB 1w/m	90dB 1w/m
Grills Included	yes	yes	yes
Tweeter Mounting	Flush and Surface	Flush and Surface	Flush and Surface

