



**Model:** T252-S

**Type:** Power 5.25" 2-way component system

**Power Rating:** 75 Watts (RMS)

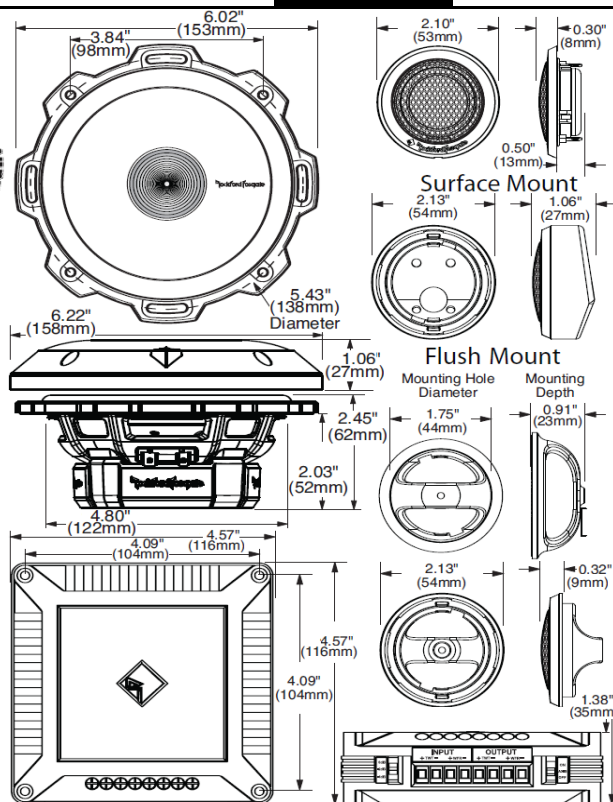
**Impedance:** 4 ohms

**Freq. Response:** 65 - 22kHz

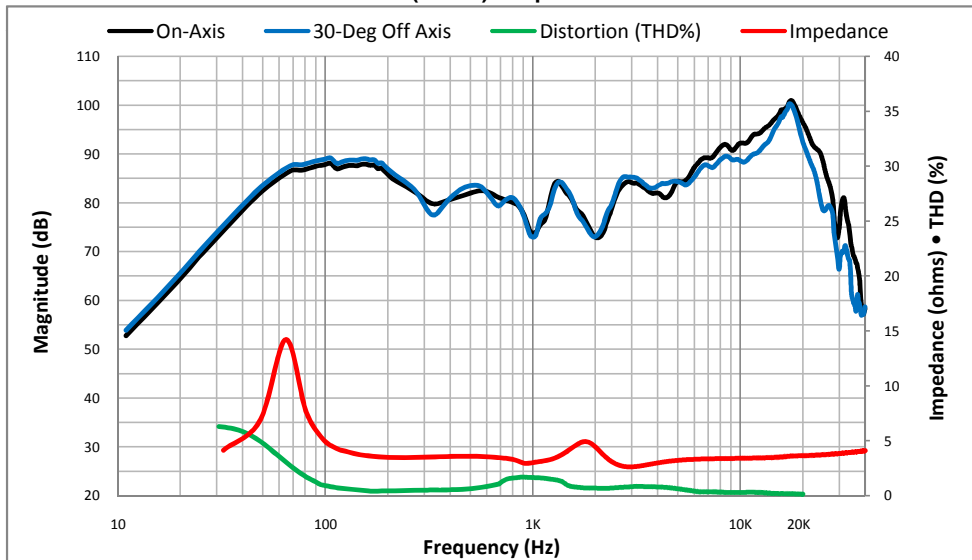


**Technical Highlights**

- Injection molded carbon fiber reinforced polypropylene cone
- Linear high excursion matched motor magnetic and suspension design
- 1" (25.4mm) Treated fabric dome tweeter
- VAST™ Vertical Attach Surround Technique SBR surround
- High temp aluminum voice coil (woofer)
- Fatigue and tear resistant linear poly-cotton spider
- FlexFit™ Mounting slot pattern
- StampCast™ Frame structure
- Mounting hardware included
- DDC™ Discreet Dual Clamp tweeter mounting system
- 0, -2, -4 dB Tweeter level settings (user selectable)
- Butterworth asymmetrical 18dB/12dB (HP/LP) crossover network
- Flush and surface (angled) mounting hardware included
- Bi-amp switching (user selectable)
- On/off axis setting (user selectable)
- Grilles and mounting hardware included



SPL (1W/1M) • Impedance



Frequency response includes summed Far-Field and Near-Field IEC60268-5 baffle measurements.

**Thiele-Small Specifications (woofer)**

- Fs (Hz): 64.5
- Re (Ohms): 3.2
- Le (mH): 0.13
- Qts: 0.79
- Qes: 1.02
- Qms: 3.55
- Cms (mm/N): 0.56
- Vas (L): 8.47
- Mms (g): 11.2
- Mmd (g): 10.6
- Rms (kg/s): 1.26
- Airload (g): 0.59
- No (%): 0.20
- SPL (dB - 1W/1M): 86.5
- BL (T\*M): 3.8
- \*Xmax<sub>10</sub> (mm): 3.4
- Sd (cm<sup>2</sup>): 103
- EBP: 63.05
- Krm (mOhms): 0.0006
- Erm: 0.82
- Kxm (mH): 0.0030
- Exm: 0.72
- Rem (Ohms): 0.0008

\* All parameters are derived using a laser velocity measurement method and verified with actual measured Mmd and Re. Xmax<sub>10</sub> represents actual effective excursion at <10% THD.

**Technical Specifications**

Voice Coil Diameter:	1.1	28	inches   mm
Voice Coil Height:	0.29	7.3	inches   mm
Voice Coil Layers:	2		layers
Magnetic Gap Height:	0.16	4.0	inches   mm
Linear Excursion, pk-pk (Xmax):	0.11	2.8	inches   mm
Maximum Excursion, pk-pk:	0.16	4.00	inches   mm
Magnet Weight:	5.30	0.15	oz.   kg
Woofer Displacement:	0.23	0.01	liters   cubic ft.
Net Weight:	7.38	3.35	lbs.   kg
Power Rating:	75	150	RMS   Peak