8" Polypropylene Cone Woofer

Your Radio Shack 8" Polypropylene Cone Woofer lets you increase the bass response of your sound system, whether it is a home or car, stereo or monaural system.

**FEATURES**

- Light, Rigid, Polypropylene Cone — extra-durable, long-life cone resists effects of moisture and temperature extremes, and withstands greater stress at high volume levels.
- Rolled Urethane Foam Surround — minimizes distortion and improves clarity.
- Long-Throw Voice Coil — delivers clean, solid sound.

**MOUNTING**

You can install the woofer from the front or back of an enclosure so it is flush with the baffle's surface. Seal the mounting surface so air cannot leak around the woofer.

For details, see our ‘Building Speaker Systems’ book (not supplied), available at your local Radio Shack store.

**SPECIFICATIONS**

- Nominal Impedance: 8 ohms
- Frequency Response: 35 Hz - 3000 Hz
- Free Air Resonance (F_s) Frequency: 35 Hz
- Infinite Baffle Resonance Frequency: 33 Hz
- Piston Area (SD): 0.0214 m²
- Power Handling: 50 W RMS
- Maximum Power: 100 W
- Flux Density (BL): 6.77 T
- DC Voice Coil Resistance (PE, ohms): 8.68 ohms
- Voice Coil Inductance (LV, at 1 kHz): 0.93 mH
- Equivalent Air Volume (Vas): 0.27 l/75 l
- SPL: 87 ±2 dB/3W/m
- Moving Mass (Mms): 18.36 g
- Electrical Q Factor (QES): 0.57
- Mechanical Q Factor (QMS): 0.46
- Total Q Factor: 0.49
- Equivalent Acoustic Volume (VAS): 76.3 l
- Mechanical Suspension Compliance (CMS, um/Hz): 1174.63 um/Hz
- Mechanical Mass of Cone Assembly and Free Air Load: 15.95 g
- Mechanical Mass of Cone Assembly Only: 15.95 g
- Peak-to-Peak (Maximum) Linear Excursion: 2.25 mm
- Cutout: 7 inches / 17.8 cm
- Depth: 3.8 inches / 8.0 cm
- Magnet Weight: 9.97 oz.
- Speaker Weight: 33.3 oz.

Specifications are typical; individual units might vary. Specifications are subject to change and improvement without notice.

**RADIO SHACK LIMITED WARRANTY**

This product is warranted against defects for 90 days from date of purchase from Radio Shack company-owned stores and authorized Radio Shack franchises and dealers. Within this period, we will repair it without charge for parts and labor. Simply bring your Radio Shack sales slip as proof of purchase date to any Radio Shack store. Warranty does not cover transportation costs. Nor does it cover damage or misuse or accidental damage.

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