

SONY

XS692ES

6 x 9" (16 x 24 cm) Mobile ES™ Two-way Component Speakers

Experience dynamic sound with astonishing clearness. The woofer provides power and depths while the component soft-dome tweeter gives the best stereo sound staging just before your eyes.



Bullets

- Soft-dome component tweeter covers up to 40 kHz ultra-highs
- Separated Notch Edge Surround for less distortion and clear sound
- Five-beam Frame design disperses resonance
- Dynamic Air Diffuser ensures efficient air circulation for smooth cone travel and cooling

Features

Separated Notch Edge Surround

The woofer surround features another proprietary Sony technology, with distinctive curved notches improving the vertical amplitude symmetry, for dramatically reduced distortion and enhanced clarity.

Five-beam Frame Structure & Dynamic Air Diffuser

The Five-beam Frame design disperses resonance while the integrated Dynamic Air Diffuser ensures efficient air circulation for smooth cone travel and cooling of the voice coil.

Progressive Height Rate Spider

The acoustically optimized spider allows for higher power handling and airflow, with a profile designed for more rapid and precise cushioning of the speaker cone.

Phase plug

The resonance damping phase plug on the XS-692ES woofer helps realize ideal frequency response, right up to the crossover point with the matched tweeters. A rigid aluminum bobbin and Dynamic Air Diffuser further support the speaker's wide frequency response, for controlled and dynamic bass delivery.

Tweeters to hit the high notes

Compatible with High-Resolution Audio, a soft-dome tweeter diaphragm is directly attached on the voice coil, designed to cover your music's ultra-high ends, with a frequency range extending up to 40 kHz.



Bi-amp-capable crossover with gain selector

The audiophile-grade crossover features an optimal, lower-resistance film capacitor for smooth high-end. Its bi-amp capable design mitigates current distortion to the tweeter when running the woofer with high input levels. A dedicated gain selector helps keep balance of woofer and tweeter signal levels, and enables tweeter level adjustment even when driving the components from a single amplifier.

Specification

General Features	
Effective Frequency Range	35–40,000 Hz
Impedance (ohms)	4
Output Sound Pressure	90 dB \pm 2 dB SPL (1 W, 1 m)
Peak Power	330 W
RMS Power	110 W
Rated power	90 W
Size & Weight	
Weight	3.09 lb
Speaker System	
Configuration	Component, 2way
Size	6 x 9" (16 x 24 cm)
Tweeter	
Diameter	1" (2.5 cm)
TYPE	Soft Dome
Tweeter Diaphragm Material	Synthetic Fiber
Tweeter Magnet Material	Neodymium
Woofer	
Surround Material	Rubber (Separated Notch)
TYPE	Cone
Woofer Magnet Material	Ferrite

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