

Stealth and Harman Team Up in JBL Conceal Series

Written by Frederick Douglas
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Invisible loudspeaker specialist Stealth Acoustics partners with HARMAN Luxury Audio to co-develop the JBL Conceal loudspeakers-- a concealed loudspeaker series aimed at residential custom install applications.



The JBL Conceal series utilise the Stealth patented transducer implementation into a rigid compression moulded baffle skinned with 7th generation Fidelity Glass acoustic panels. Also featuring are JBL acoustic crossover networks and spring-loaded connections, as well as an integrated back box enclosure. The result is a loudspeaker one can install like a drywall patch. Customers can paint the surface to match the wall, or custom finish it for blending into any creative decor.

The series offers three full-range loudspeakers and a subwoofer. The flagship C86 features a dual-panel, six-element design with a 1-inch HF transducer, four 1.2-inch MF transducers and an 8-inch woofer with a 1.5-inch voice coil. The dual-panel configuration separates the critical mid- and high-frequencies into an own dedicated panel to optimise acoustic performance.

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The C83 has a three-element design featuring a 1-inch HF transducer, a 1.2-inch MF transducer and an 8-inch woofer with a 1.5-inch voice coil. The smallest of the full-range models, the C62, is a two-element design loudspeaker with a 1.2-inch HF transducer and a 6.5-inch woofer with 1.5-inch voice coil.

The final product is the C82W pass subwoofer, a single panel with two 8-inch woofers with 1.5-inch voice coils. It is intended for use in pairs, and is packaged as such. For the JBL Conceal series, the C82W is designed to be paired with the Crown CDi 2|300 DriveCore amplifier as a complete subwoofer system solution.

All full-range loudspeaker systems feature an integrated back box enclosure (one per panel), gold-plated spring-loaded binding post terminals, self-resetting protection circuitry on all drivers and a 180x180-degree ultra-wide dispersion pattern.

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