

Just 8.5" tall and slightly less than 12" deep, the Aerial S1 Center is ideally suited for center channel use in music and home theater systems where excellent sound quality is desired, but interior or system design factors require a compact loudspeaker system built into the environment. It is the perfect center complement to Aerial S1 Columns or Model 9s, and elevates the performance of virtually any multi-channel system. Whether installed in custom cabinetry, placed on its stand beneath a video screen, or mounted into a wall, the S1 Center expresses its dynamic personality, remaining vivid and lifelike regardless of listening level.

Closely related to the acclaimed Aerial Model 9, the S1 Center shares its sibling's design pedigree. Four long-stroke 7.1" woofer drivers provide greater radiating area than that of a 15" driver, but with far superior control, responsiveness and power handling capacity. Twin 6" midrange units combine high resolution with tonal naturalness and low dynamic compression. Aerial's exclusive 1" titanium dome tweeter supplies remarkably smooth, clear and extended treble response. The compact sealed enclosure is constructed of 1" MDF with extensive internal bracing providing excellent stiffness, low resonance and freedom from cabinet

induced coloration. Response is optimized for in-cabinet and near-wall locations and to blend particularly well with subwoofers. And finally, a system efficiency of 92 dB makes it possible to drive the S1 Center to high output levels without requiring massive power.

In all, the S1 Center discreetly packages the many performance characteristics recognized as hallmarks of Aerial loudspeaker design: pure, natural and lifelike sound, complemented by seemingly boundless dynamics.

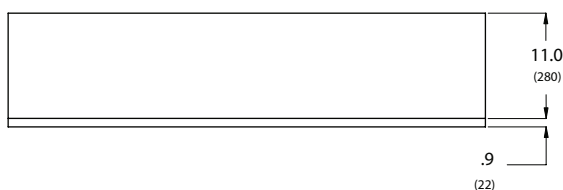
Aerial Acoustics.
Every detail matters.



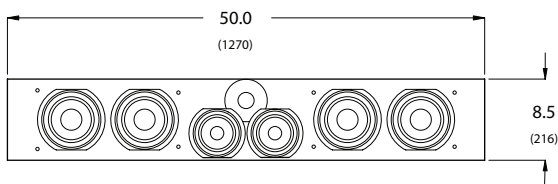
S1 Center Loudspeaker

Frequency Response	50 Hz to 22 kHz \pm 2 dB, -6 dB at 40 Hz
Sensitivity	92 dB at 2.83 V _{rms} and 1.0 meter on axis
Impedance	4 Ω nominal, 3.2 Ω minimum, low reactance
Power Requirements	50 to 500 watts (8 Ω rating) recommended
Woofers	Four 7.1" (180 mm) cast magnesium alloy frame drivers Damped bilaminate composite cones Large vented magnet structures with long-stroke coils
Midrange	Two 6" (150 mm) cast magnesium alloy frame drivers Damped bilaminate composite cones Vented magnet structures with linear-stroke coils
Tweeter	1.0" (25 mm) precision titanium dome Large magnet structure with deep rear chamber Flared pole vent and 5 surrounding vents
Crossover	350 Hz and 2.7 kHz, high order Independent filter assemblies on glass-epoxy PCBs High-purity copper wiring Premium passive components. Silver solder
Cabinet	Minimum resonance 1" (25 mm) MDF walls Extensive internal bracing. Tongue and groove joints Smooth Black finish with black grille
Connections	Four gold-plated binding posts with copper jumpers Bi-wire and bi-amp capable
Options	Rigid 14.5" (368 mm) stand with adjustable spikes or feet Sand-filled 28 lb (13 kg) steel base (mounts to stand)
Dimensions HWD	8.5 x 50.0 x 11.9" (216 x 1270 x 302 mm) Including grille
Weight Each	85 lbs (39 kg). 127 lbs (58 kg) packed

Top View



Front View



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