



Case Study



Red Rock Canyon State Park | Residential | Nevada, USA

Where

Just outside of Las Vegas lies the Sanctuary at Red Rock. One of only a handful of homes nestled right up against the national park. A house for quiet meditation, simple evenings, and restful slumber, this property is as exclusive as it is remote. The bunkhouse can comfortably sleep up to four people and is perfect for resident guest yoga instructors.

Required

While the days are spent seeking mindfulness, the nights can be raucous. So a versatile and complete, unified indoor/outdoor audio system was required. One that sounded world-class and can compete with the desert winds' low rumble that occasionally punishes the area.



Requests

The owner required high-grade loudspeakers outside. A system that performs equally as well for both casual music listening, events, and speaking engagement. The client had an existing wireless mixer and microphone system that needed to be integrated as well. So the installation required the build quality and reliability of a professional venue PA system coupled with the clarity of an audiophile-grade high-fidelity loudspeaker.

Equipment



HD6.5 All-Weather Ribbon Loudspeaker

Premium Two-Way Installed Loudspeaker
Neodymium 6.5" Composite Woofer
6" Magnetic Planar Tweeter
IP65 Rated - Stops Regular Dust and Water Ingress
Flexible Mounting System
70v or 8ohm



12BP-IG Burial Subwoofer

Premium Burial Subwoofer
Neodymium 12" Composite Woofer
Bandpass Parallel Double-Tuned Ports
Max SPL 123dB continuous,
1000W AES / 4000W Peak Power
70v or 8ohm



Result

The owner of the property chose Ambisonic Systems as the brand for the outdoor leg of the installation. Selected for durability, sound pressure level, and fidelity, Ambisonic Systems delivered a final product that turns the area from a tranquil retreat to a pumping club on a dime. Four HD6.5 Loudspeakers and two BP-IG12 subwoofers were installed — two speakers with posts into the landscape just along the home's exterior. Two more were also placed directly under the pergola. This whole system is powered by a D3200 70v amplifier, also from Ambisonic Systems.