

AudioControl[®]

Making Good Sound Great[™]

Premium Home Cinema Designed by Elite Audio



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CASE STUDY

AudioControl Preamp/Processor and Amplifier at the Heart of this Ultimate Home Cinema

DIVINE HOME CINEMA

Located in Lexington, SC, Elite Audio has been providing premium technology solutions for discerning clients across the southeast for nearly thirty years, including Hi-Fi music systems, whole-house audio, landscape (outdoor) entertainment, smart home technology integration and of course, home theater systems. Owner Brantley Waites got his start in the A/V industry building car stereo systems, evolving his business to include the competition circuit where he set numerous world SPL (sound pressure level) records including hitting the 160dB mark back in 1996. Wow! Today, Elite Audio is a team of six dedicated professionals known for excellence in every aspect of commercial and residential A/V system design, installation

and service. They have occupied a 5000 SQ FT appointment-only facility since 1998, comprised of conference rooms, offices, warehouse and equipment rack preparation area. Waites and his team will host meetings with their clients and their architects and/or designers in the conference room that is also used for staff training events. But at the conclusion of each long day, Waites retreats to his home where he is able to relax and enjoy his deluxe, custom designed home cinema powered by AudioControl.

I am truly passionate about home theater," Waites explained. "Since the age of 15, I have been fixated on great sound. We enjoy something on the system almost every evening." In his home, Waites constructed a 16' X 36' cinema that

features AudioControl's flagship preamp/processor, the Maestro M9. The M9 feeds signal to an AudioControl Savoy 7-channel amplifier that provides crystal-clear high power output to Aerial Acoustics LCR and surround speakers located throughout the theater. Bass is handled by JL Audio Fathom subwoofers. "I fell in love with the Aerial Acoustics loudspeakers, and actually designed the room, including double sheetrock walls and space in the back for a bar and restrooms, to accommodate them," Waites explained. "When it came time to select an amplifier to drive the speakers, I wanted the power, performance and reliability that I knew I would get from AudioControl.



The AudioControl Maestro M9 preamp/processor and Savoy G3 7-channel amplifier



Beautiful stadium seating ensures that all viewers are comfortable. Note the attractive star ceiling treatment.

Waites' home theater system is a 7.4 configuration, and he enjoys a variety of programming that includes Blu-ray movies, streaming content/DirecTV and lots of college football. A 42U equipment rack is nestled into a rear corner of the room, featuring multiple dedicated 30A electrical circuits with power conditioning and active cooling (vented outside the home) for the electronics and for the projector. The image is projected onto a 133-inch screen, creating a lifelike visual experience from every seat. Waites controls his home theater system, including the Maestro M9, his climate control and lighting, using the URC Total Control smart home platform. The home network has been bolstered and features a 24-port network switch dedicated specifically for the theater. The room features stadium seating and acoustical treatment throughout to achieve best performance and the ultimate comfort while enjoying movies, sports and more. Of course there is a beautiful decorative "star ceiling" in the theater as well as a popcorn machine and beer cooler—all of the home cinema fundamentals have been accounted for.

AUDIOCONTROL MAESTRO M9 PREAMP/PROCESSOR

The AudioControl Maestro M9 is a reference quality preamp processor designed to offer maximum flexibility alongside premium audio and video performance. Featuring Dolby Atmos® and DTS:X surround modes along with Dirac Live™ room correction technology, the M9 supports today's high resolution formats, including 4K Ultra HD (HDMI 2.0a) and delivers the most realistic movie experience possible. The Maestro M9 offers unparalleled sound quality thanks to the most advanced circuit designs and use of only the finest parts, including Burr Brown PCM1796 DACs for pinpoint clarity and laser-like image focus. The Maestro M9 offers all of the surround formats that enthusiasts crave, such as Dolby Atmos, Dolby Surround, DTS:X, DTS-HD Master Audio, DTS-ES 6.1 Discrete, DTS-ES 6.1 Matrix, DTS 5.1, DTS Neural:X, DTS Virtual:X and IMAX Enhanced. Integrators can correct for acoustical room

