When it came time to put comfort, convenience, and a splash of coolness into this home, the owner had a really good idea of what he wanted. After all, he was very familiar with the consumer electronics industry and the products in it. He just wasn’t entirely sure how to get those products into this 18,000-square-foot new construction.

Thankfully, Soundwaves Custom Home Integration was brought in at the very start of the project, to make sure each high-tech transition went smoothly from beginning to end.

“Everything he wanted was to be high-quality,” said Joe DeMarco, owner of Soundwaves Custom Home Integration, which is based out of Gladwyne, Pennsylvania. “The system had to be simple to use and extremely stable. He had a good knowledge of the AV industry, so he knew what he was getting himself into.”

The Big Screen
Of course, the family’s favorite spot is the sparkling blue home theater room, which measures 27-by-20 feet. The lush carpet, seating, and surroundings are all eye-catching, but the overall experience is the main feature here. Thanks to his previous residence, the homeowner had become accustomed to having a theater room, with good sound, a big screen, and high-end products. In this new space, however, he wanted things to be bigger and better.

“That’s where we came in,” DeMarco said. “We brought in a couple of projectors to demo in his old house before we made any decisions, and then he relied on me to design the whole theater—from sound quality, video quality, and noise control. He kind of gave me the keys and let me run with it.”

The room features a dedicated equipment rack, with all of the AV equipment, including a slew of source material. Everything can be viewed through the Digital Projection HIGHlite 330 Projector, which is housed at the back of the theater in its own closet that measures 4-by-5 feet. It may seem small, but that tiny room even has its own ventilation. Of course, there’s no hiding this projector, a 3-chip DLP that can deliver up full 1080p HD images, 10-bit color, and eye-popping 3D imagery.

Key Features:
- Up to 5,500 lumens / Up to 20,000:1 Contrast
- 1080p Resolution
- Geometry Correction
- Warp & Edge Blend

We would like to thank Soundwaves Custom Home Integration (www.s-waves.com) for the use of images and content in this case study.