

Multimedia Resource Group Inc.
Greenwich, CT Dedicated Home Cinema

Audio

The audio system is a state-of-the-art 3D sound system incorporating Auro3D technology, which creates a 3D dome of sound for a completely immersive experience. There are a total of 13 speakers, 2 subwoofers and 5 amplifiers from Pro Audio Technology, driven by a Datasat Digital RS20i Surround Sound Processor. Sources include a Kaleidescape movie server, Oppo Digital bluray player, AppleTV and a FiOS cable box. There is also an MMS-5A music server from Autonomic Controls for access to the client's entire music library, as well as every conceivable streaming option. The entire system, including all 11 lighting loads, is controlled from a Crestron TST-602 wireless touch screen.

Video

Video is produced using a top-of-the-line SuperLumis 3-chip DLP projector from Sim2, which is fed from a Lumagen Radiance video processor. The Lumagen accepts every source and sends a perfect signal to the projector. The stunning image is displayed on a 120" wide acoustically transparent screen from Seymour Screen Excellence. The 4K Enlightor woven screen material allows perfect placement of the speakers behind the screen with no sonic impact. The material also has no discernable pattern to impact the picture quality. The screen includes motorized masking so the aspect ratio can be changed based on the content.

Power

Power to every component of the audio / video system is fed from a 45-amp Torus Power balanced AC regenerator. The 40 amp, 240 volt balanced input, surge suppression and automatic voltage regulation ensure only perfectly clean, stable power reaches the equipment.

Soundproofing & Acoustic Treatment

The entire room is encased in 1/8" thick Acoustiblok soundproofing material, creating an acoustically sealed envelope. Additionally, the walls are isolated from the structure using specialized clips from Kinetics Noise Control. The ceiling is isolated in a similar fashion using commercial spring hangers from Mason Industries, which are engineered for the added load of the coffered ceiling. The walls and ceilings, both inside the theater and in the adjacent rooms, are covered by a combination of plywood and QuietRock, a specialized sheetrock with sound deadening properties. All voids are filled with acoustic insulation. Two soundproof doors from Kinetics Noise Control complete the soundproofing envelope.

Complementary to the soundproofing, the inside of the theater is a combination of reflective, diffusive and absorptive surfaces, which combine to create the acoustic treatment within the room. The finished look is accomplished with acoustically transparent fabric from Cine-Living.

Seating

Eight custom Ferrier theater seats from Cineak complete the experience. The seats are covered in luxurious leather and feature articulating headrests, independent motors for the footrests and backrests, and are uniquely designed for all-day comfort.

About Multimedia Resource Group

Multimedia Resource Group Inc. designs, installs and services custom electronic systems to meet specific client needs. Whether it's a high-end residence, corporate boardroom, commercial showroom or a 280-foot yacht, every detail is considered for the best fit, value and performance.

Team

Systems Integrator – David Kepke, Multimedia Resource Group Inc.

Architect – Scott Soper, Soper Babcock & Associates LLC

Builder – Richard Rosano, RR Builders, LLC

Video Calibration – Kevin Miller, ISFTV

Audio Calibration – Paul Hales, Pro Audio Technology

Photography – Chichi Ubina, UV Studios

Equipment List

Crestron MC3 Control Processor

Crestron TST-602 Wireless Touch Screen

Crestron CLW-DIMEX-P Wireless Lighting Dimmers (11)

Datasat RS20i Surround Sound Processor w/ Auro3D

Sim2 SuperLumis Video Projector w/ CineSlide Motorized Anamorphic Lens

Lumagen Radiance 2143 Video Processor

Pro Audio Technology SCRS-26im Main LCR Speakers (3)

Pro Audio Technology SCRS-26im Side Surround Speakers (2)

Pro Audio Technology SCRS-6iw Rear Surround Speakers (2)

Pro Audio Technology SCRS-5iw Auro3D Speakers (6)

Pro Audio Technology LFC-212ai Subwoofers (2)

Pro Audio Technology Amplifiers - PMA-9942 (1), PMA-4242 (1), PMA-2222 (2), DMA-1508 (1)

Torus Power WM-45-BAL-AVR Balanced Power Isolation Transformer

Seymour Screen Excellence TAM2-L 120" Wide Projection Screen w/ 4K Enlightor Woven Material

Cineak Ferrier Motorized Theater Seats (8)

Cine-Living Acoustic Fabric – Garbo (Wall Panels), Custom Garbo Background (Ceiling)

Kaleidescape Premiere Series M500 Video Player, 1U Server & DV700 Disc Vault

Oppo Digital BDP-103 Bluray Player

AppleTV

Verizon FiOS HD Cable Box

Pakedge 16-Port Ethernet Switch

Ethereal HDMI Cables

Middle Atlantic Equipment Rack and Power Distribution

Cool Components Closet Cooling System

Acoustiblok Soundproofing Material

Kinteics Noise Control IsoMax Clips (Walls)

Kinetics Noise Control STC-49 Sound Rated Doors (2)

Mason Industries Series 30Nx Spring Hangers (Ceiling)