



It's Under Control®

SEAMLESS CONTROL IN CALIFORNIA HOME CINEMA

RTI Offers Immersive Theater Experience With Complete Control Including Voice



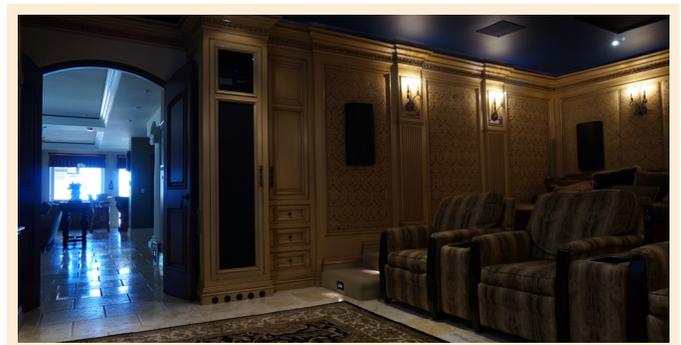
When a homeowner in Rancho Palo Verde, California, hired Custom LA to replace the existing home theater in their 6,500-square-foot home, only the absolute pinnacle in audio and video equipment would do — calibrated to perfection to deliver a jaw-dropping experience. Of course, the world's most advanced AV components would be rendered useless if the homeowner couldn't operate them, so an intuitive control system was essential. Furthermore, control needed to be extended to smaller AV systems in two more areas of the beautiful home.

"For control, we specify RTI solutions for all our installations; they have the advanced features to handle projects of any complexity, and programming them couldn't be easier," says Mark Schafer, owner of Custom LA. "Furthermore, modules and additional processors can be added to easily extend control to different areas. That capability was especially important in this project, which required control in the home theater, family room, and master bedroom."

At the heart of the new home theater is a Sony VPL-VW5000ES 4K laser projector — projecting onto a Stewart Filmscreen® LuminEsse screen — and a Datasat RS20i surround sound processor. The Sony projector was calibrated by DolbyVision's Helmut Kaczmarek, one of the top projector calibrators

in Hollywood. Calibration of the surround processor was performed by Datasat's Mike Skrzat, who has previously calibrated systems for the Oscars and numerous celebrities.

The home theater's video sources — including a Kaleidescape Strato 4K Movie Player, Panasonic DMP-UB900 UHD DVD player, Apple TV, and DIRECTV Genie HD DVR — are passed through a Lumagen Radiance Pro video processor. Audio is powered by ATI AT4000 series amplifiers and Triad subwoofer amplifiers. House music sources include a Mark Levinson No.390 CD player and a Sonos CONNECT system; lighting is provided by a Lutron RadioRa® 2 system. All components are controlled with RTI's XP-8s control processor using IP, two-way RS-232, IR, or 12-V triggering.



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*Mark Schafer
President, Custom LA*

RTI’s sleek T1-B+ handheld remote control allows the homeowner to initiate any home theater activity or shut the system down with the touch of a button. In addition, an RTI/Alexa voice control driver gives them the ability to control the system without touching anything at all. With voice commands, the homeowner can simply walk into the theater and say “Alexa, turn on HBO” or “Alexa, turn on movie lighting.” Alexa can even be used to switch between the calibrated projector settings for 4K HDR content and HD SDR content. Furthermore, the T1-B+ is synchronized with Alexa voice control, so when a command is issued through Alexa, T1-B+ switches automatically to the correct device activity.

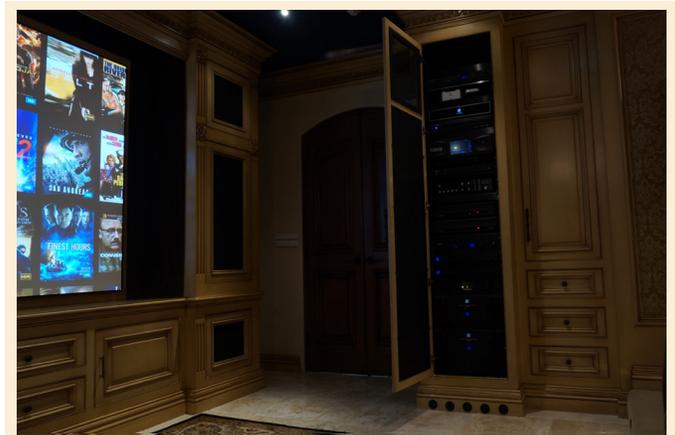
In the home’s family room, Custom LA utilized RTI’s PCM-4 port control module to expand the capabilities of the XP-8s, providing IR and IP control over components including a Samsung 55” LED TV, Samsung UBD-K8500 UHD DVD player, Marantz SR5011 surround receiver, DIRECTV Genie Mini, and Apple TV. In the master bedroom, RTI’s XP-3 control processor

is used to provide IR and IP control over a Samsung 49” LED TV, Sherwood surround receiver, and DIRECTV Genie Mini. In both spaces, the client interacts with the system using a T1-B+ handheld controller. In the future, voice control will be expanded to these rooms.

“When I went into the theater for the first time, just to see the Dolby Atmos demo disc, I was completely blown away,” says Schafer. “It’s hard to explain how good sound can be when it’s coming through the right equipment, and it was amazing to see the projector — with its 5000 lumens and incredible color volume — playing 4K HDR content. The homeowner couldn’t be happier with their home theater and the ease of control they have over this sophisticated equipment, especially the Alexa voice control. It’s an amazing capability that we can’t wait to incorporate throughout the rest of the installation.”

List of RTI products used:

- One XP-8S control processor
- One XP-3 control processor
- One PCM-4 extension processor
- Three T1B+ handheld remotes
- Amazon Alexa voice control driver



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