

ElectronicLifestyles

Exclusive Publication of the Custom Electronic Design & Installation Association

Winter 2011

SILVER technical design Large Home Theater, \$50K - \$107K



Electronic Systems Contractor:
INTEGRATION CONTROLS LLC
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 CEDIA Member Since 2005

Hideaway Beneath the Waves

An ultra-custom entertainment space, set adrift

It's widely accepted across the home theater industry that the traditional commercial movie megaplex falls short compared to a first-rate experience at home. In this case, the client pushed it a step further with the goal of surpassing the experience of his local boutique-style movie theater, which actually caters to clientele who know from good—and on a budget no less.

Outside of top-notch performance, desired features included an asymmetric curved ceiling, unparallel walls, a floating screen, and an intricate mural to provide an undulating feeling as if in the ocean.

With the mural as one design element that would not change, the room's overall design had to facilitate the best acoustic properties possible. Sidewalls were angled in toward the screen and an asymmetrical ceiling was built to reduce standing waves and add an aesthetic element to the room, while the thick-pile carpet and pad were used to absorb errant sound energy. The screen floats on three custom-made, quarter inch steel brackets attached to the back wall, creating a floating screen effect and furthering the ocean theme.

The audio system features drivers with high sensitivity, allowing them to play with clean precision at any volume level. And the video system includes a massive 160-inch, 2.40:1, high-gain screen and anamorphic lens. Accent lighting radiates behind the screen and spills from the ceiling to the walls from dimmable LED strip lights, all controlled from the theater's Control4 handheld remote. ■



■ time and expertise

Client Interviews	8
Electronic Design and Engineering	40
Proposal and System Documentation Preparation	16
Project Management	13
Pre-wire/Rough-in	29
Trim-out	25
Shop Time for Racking and Testing	8
Programming	8
Final Installation and Calibration	36
Client Instruction	2
Interior Design and/or Architecture by your Company	0
Interior Design and/or Architecture by Others	26
Project Management by Others	32
Other time	184
(Custom Painting by Muralist)	
Total Hours to Complete	427

■ equipment Contact the CEDIA ESC for a complete equipment list.

Integra DHC-80.1 Pre/Pro; **PHC** DPA-202 Amps (4), DPA-1002 Amp, SCRS-26im LCR loudspeaker (3), SCRS-6iw Speaker (2), IFC-15sm Sub (2); **OPPO** BDP-83 Blu-ray; **TiVo** TCD746320 DVR; **BenQ** W6000 Projector; **Screen Innovations** CRF160GM Screen; **Panamorph** F480SYS Fixed Anamorphic Lens System; **Control4** C4-HC300B-E-B Controller, C4-IPDKTT1-E-B iPod Dock, C4-TDIM1-Z-W Dimmer (2), C4-SW1-Z-W Switch; **APC** S15BLK Power Conditioner, G5BLK Power Filter; **Sherbourn** LDS-2/75 Zone 2 Amplifier; **Cisco** SD208 Switch; **Lowell** L262-61 Rack