

ElectronicLifestyles[®]

Exclusive Publication of the 2008 CEDIA Electronic Lifestyles[®] Designer Awards

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CUSTOM
ELECTRONIC
DESIGN &
INSTALLATION
ASSOCIATION

16th

Annual Electronic Lifestyles[®] Designer Awards

Reaching By Teaching:
Registered Outreach Instructors Share All
Trends for 2009 and Beyond



The World of Custom Integration Skyrockets into "Custom Art"



**ELECTRONICS
DESIGN GROUP INC.**

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*CEDIA Member Since 1990
CEDIA Certified Professional On Staff*

ARCHITECT:

Robert So Designs

BUILDER:

Commarata & Berardi

INTERIOR DESIGNER:

Wendy Eigen Designs

Comfort is King

It's always a luxury for those in the A/V trade to be able to design a room with optimal dimensions from the ground up. For this particular client who was building a large home from scratch, Electronics Design Group (EDG) had the opportunity to create a room with perfect dimensions: 20 feet wide by 34 feet long, with 11-foot ceilings. "The theater, being a very important room to the homeowner, needed to be a space their grandchildren, kids and family could enjoy together," says EDG. "The client was interested in creating a relaxed space with a large screen, great sound and unobstructed views. The objective was to seat 10 people comfortably with a bar counter in the rear for additional seating and (an) in-room dining area."

Working with the spacious dimensions available, EDG designed the seating layout in two rows of five seats with connecting arms. The homeowners enter the room from the rear by stepping up two steps onto a 12-foot platform, then two steps down to the ground level, which is home to the front row, at an optimal 16 feet from the screen.

Comfort is king, but it doesn't matter if the audio and video aren't up to par. A Digital Projection Titan 1080p projector hidden in a rear soffit (kept cool with an Active Thermal Management cooling system) and projecting onto a Stewart Filmscreen 123-inch screen provide breathtaking video. The room was treated with staggered stud construction and an acoustic wall absorption system integrated into the millwork. Because the room is such a nice size, EDG was able to have good distance between the B&W side and rear speakers, creating a very open and realistic sound field with special thanks to legendary Krell processing. Add to that this theater's ornate good looks, and you've got something incredibly special. ■

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

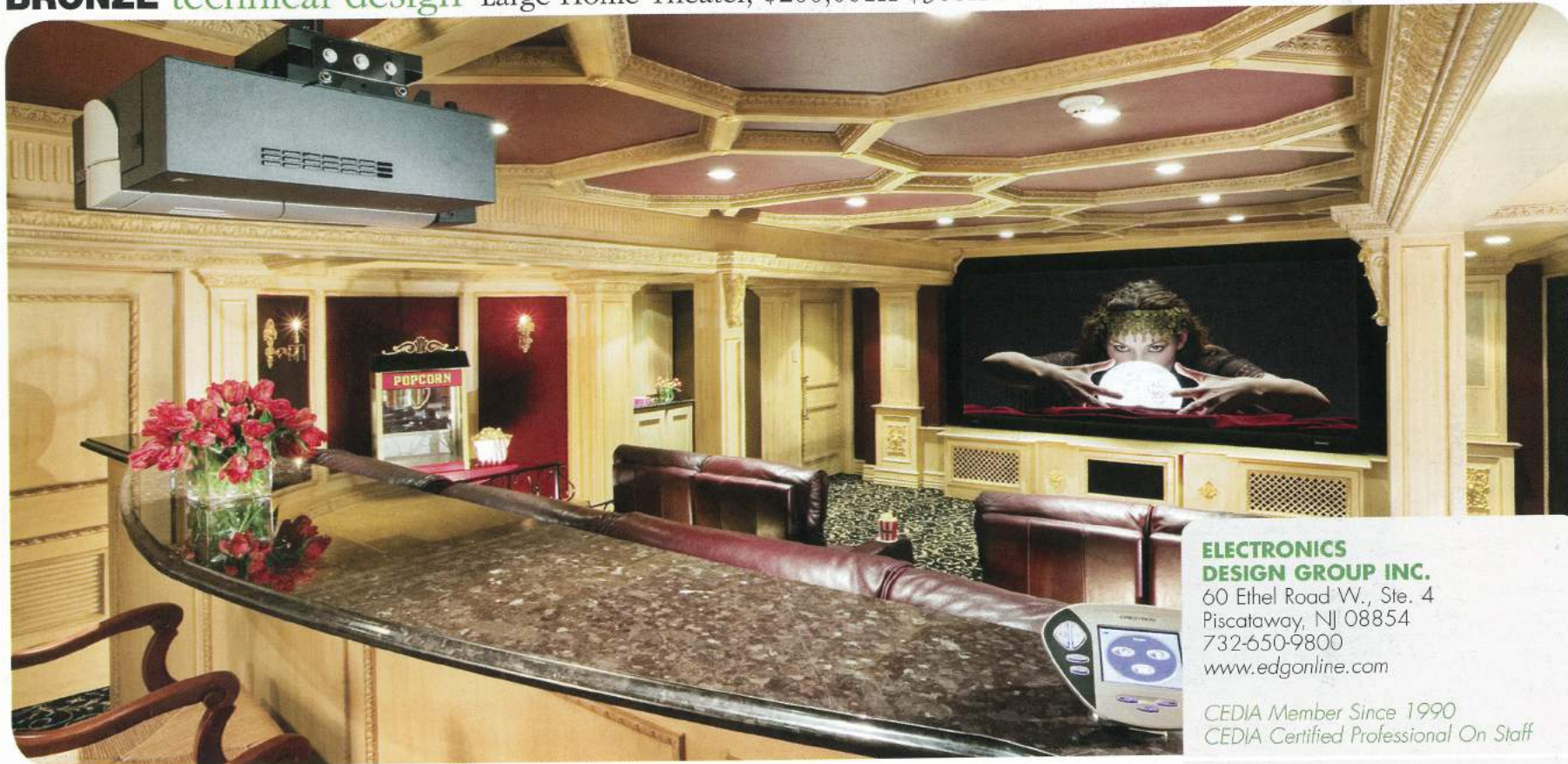
B&W Signature 8 (2), B&W Signature 7 (6), B&W BBW (6), B&W Nautilus ASW850 (2), **Crestron** STX1700C (1), STRFGWX (1), CP2E (1), CNXIRP (6), CNPWS-75 (1), **Digital Projection** Titan HD 1080p (1), Titan Long Throw Lens (1), Mercury Ceiling Mount Bracket (1), **DirectTV** HR20 (1), DirectTV HD Satellite Receiver (1), **Krell** Showcase DVD (1), Showcase Processor (1), Showcase 7 Amplifier (1)



■ time and expertise

Client Interviews	8 hrs
Electronic Design and Engineering	64 hrs
Proposal and System	
Documentation Preparation	16 hrs
Project Management	32 hrs
Pre-wire/Rough-in	24 hrs
Trim-out	32 hrs
Shop Time for Racking and Testing	32 hrs
Programming	24 hrs
Final Installation and Calibration	144 hrs
Client Instruction	4 hrs
Interior Design and/or Architecture	0 hrs
Interior Design and/or Architecture by Others	80 hrs
Project Management by Others	120 hrs

Total Hours to Complete 580



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Taas Construction
Interior Designer:
Robert So Designs

I'll Have What He's Having

Referrals are often an installation firm's bread and butter. In fact, a lot of referrals lead to electronic systems contractors creating a strikingly similar room to the clients who referred them. In this case, a friend who had a 21-seat theater referred the client, who wanted a similar theater in a drastically smaller space. "The room was a rectangular box, sheet-rocked with a drop ceiling and carpet glued to the floor," says Electronics Design Group (EDG). "It was also smaller, at 17 feet wide by 28 feet long with 8.5-foot ceilings." While 21 seats obviously was not an option considering the limited space, nine seats seemed reasonable, with a counter area and bar stools at the rear of the room that serve as a secondary location for the client to connect to his office via his PC "or just enjoy a sandwich while watching a movie or sporting event."

In terms of performance, the clients wanted serious sound and state-of-the-art 2.4:1 video with 16:9 masking. "They loved their friend's theater, which delivered both, so we had a great performance point of reference to start from," says EDG. The company successfully worked around the low ceiling height, positioning the projector so it did not obstruct the view from the bar or seating area. The room was treated with staggered-stud construction and a sound absorption system integrated into the millwork. As for living up to expectations set forth by the referral, EDG did the job with ease: "The client is thrilled with the room and uses it daily," says the company. ■

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

Active Thermal Management Projector Cooling System (1), **B&W** CWMLCR8 (3), BB LCR8 (1), **Signature 7** (4), Metal Back Box Side & Rear EX Speakers (1), ASW 825 (2), **Crestron** MT-1000 (1), CNRFGWA418 (1), CP2E (1), CNXIRP CN (1), Power Supply CNPWS-75 (1), **HD** Cable Client Supplied (1), **Integra** DTC-9.4 7.1 (1), Integra DTA-9.4 (1), **Kaleidescape** KPlayer 5000 (1), K-Server 1500 (1), **LG** BH-200 (1), **Lutron** GRX-IA-6-T (1), GRX-AV (1), ST-6BRL-NI (1), SK-6BRL-NI (1), **Middle Atlantic** ERK4025 (1), RSH4S (1), **Richard Gray Power Company** RGPC 1200 Custom (1), **Runco** VX-2000d (1), CineWide Lens for the VX-2000d (1), RUHK-004525 (1), **Stewart Filmscreen** Firehawk (1), **Tiverton** PC Custom Jack



■ time and expertise

Client Interviews	8 hrs
Electronic Design and Engineering	40 hrs
Proposal and System	
Documentation Preparation	16 hrs
Project Management	40 hrs
Pre-wire/Rough-in	32 hrs
Trim-out	32 hrs
Shop Time for Racking and Testing	24 hrs
Programming	24 hrs
Final Installation and Calibration	144 hrs
Client Instruction	4 hrs
Interior Design and/or Architecture	0 hrs
Interior Design and/or Architecture by Others	24 hrs
Project Management by Others	160 hrs

Total Hours to Complete **548**

GOLD technical design Integrated Home \$150K-\$200K





Apartment Living

Electronics Design Group creates lifestyle upgrades.

The challenges of a retrofit are numerous—working around existing structures, dealing with unwired walls and more. But the obstacles of retrofitting an apartment environment are even more daunting. Electronics Design Group (EDG) was faced with narrow studs, extremely limited space for racks and low-voltage distribution, and very tight tolerances for placement of any device, which meant the company had to get extra creative in finding solutions for placement.

Here, the homeowners were combining two apartment spaces into a larger one. All sub-systems were to be controlled by a Crestron control system, and interior design, aesthetics and seamless integration were the utmost priority. EDG included Lutron shades that provide “whisper quiet operation” and effectively manage natural light and heat by an astronomical time clock. Various lighting scenes enhance the interior design of the space. HVAC control was also extremely important. “The apartment has western exposures with large windows, and there are multiple thermostats. Easy access to the various zones was simplified by the integration of thermostat control. Additionally, remote temperature sensors help to promote the décor by keeping walls clean,” says EDG. Other perks include simple operation of the kitchen display via a Crestron-operated lift and an iPod docking station, which the woman of the house raves about.

Proposals were refined four times to meet design requests and budget requirements, but in the end, the client spent additional dollars on items he had cut from the system, realizing he really wanted full integration and absolutely everything from his original wish list. ■

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

APC SmartUPS Power Supply (1), **AudioAuthority** AVX-661 (1), B&W XTC (2), XT4 (1), CCM65 (2), PMK65 (4), CWM650 (2), PMK650 (2), **Cisco** 1200 Series 802.11g (2), 5.5DBI (4), **Crestron** CENHDOC (1), TPS2000L (2), BB2000L (2), CSC RGBHV (300), 18/2 pair (75), **Cresnet Cable** (250), **D-Link** PoE 16 Port 10/100 Switch (1), **Ditek** DTK-DB9 (2), DTK120S20A (1), **Fujitsu** P42XTA51US (1), **Gefen** CAB-HDMIx-10MM (1), **CAB-HDMIx-50MM** (3), **Integra** CDC-3.4 (1), DTR5.8 (1), **Lutron** STNB-NONE (17), SKD-6BRL-WHE (17), SKD-6BRL-WHE (17), CW-1-WH (19), **Magnum Dynalab** ST-2 (1), **Microsoft** Client Supplied Media Server (1), **Middle Atlantic** AXS-SYS (2), **Monster Cable** 14/4 (1250), **Pioneer Pro** 1540 (1), Rotel RT-1085 (1), **Sanus** VMPL2b (2)

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Architect:

Steven Kratchman

Builder:

Zen Restoration Inc.

Interior Designer:

Steven Kratchman



■ time and expertise

Client Interviews	4.5 hrs
Electronic Design and Engineering	60 hrs
Proposal and System	
Documentation Preparation	16 hrs
Project Management	64 hrs
Pre-wire/Rough-in	64 hrs
Trim-out	32 hrs
Shop Time for Racking and Testing	32 hrs
Programming	80 hrs
hrs Final Installation and Calibration	160 hrs
Client Instruction	8 hrs
Interior Design and/or Architecture	0 hrs
Interior Design and/or Architecture by Others	0 hrs
Project Management by Others	32 hrs

Total Hours to Complete **552.5**



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■ time and expertise

Client Interviews	12 hrs
Electronic Design and Engineering	122 hrs
Proposal and System Documentation Preparation	60 hrs
Project Management	176 hrs
Pre-wire/Rough-in	840 hrs
Trim-out	320 hrs
Shop Time for Racking and Testing	158 hrs
Programming	252 hrs
Final Installation and Calibration	625 hrs
Client Instruction	8 hrs
Interior Design and/or Architecture	0 hrs
Interior Design and/or Architecture by Others	130 hrs
Project Management by Others	260 hrs

Total Hours to Complete **2963**