

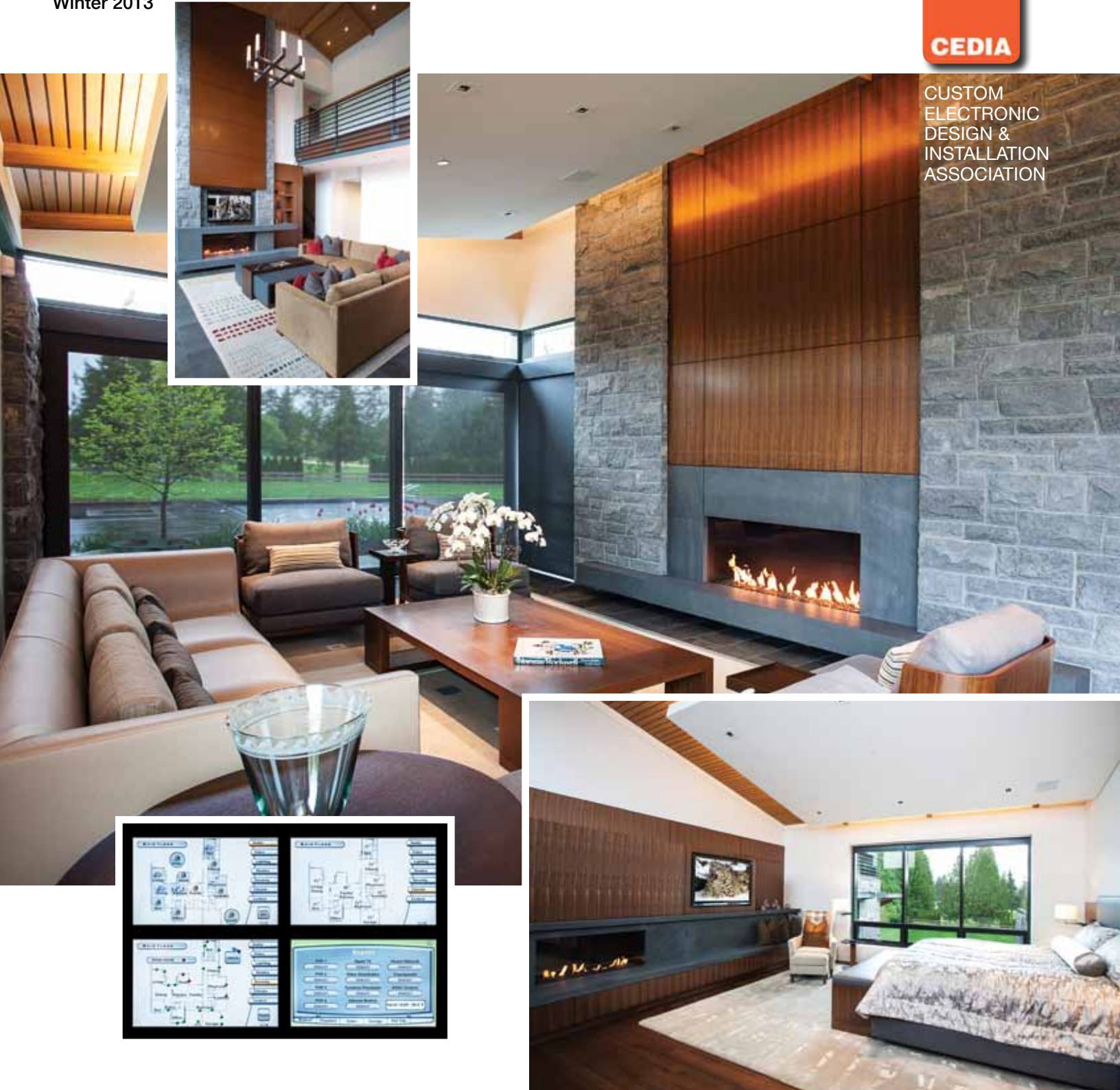
Electronic Lifestyles

Your Guide to Integrating Technology Solutions in Residential Design & Construction

Winter 2013



CUSTOM
ELECTRONIC
DESIGN &
INSTALLATION
ASSOCIATION







Electronic Systems
Professional:
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Vancouver, BC, Canada
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Getting It Right from the Start

La Scala creates a beautiful integrated home that changes the homeowner's perception.

This integrated home experienced a few false starts before La Scala was even at the table. The homeowners had received mixed messages, including claims of myriad new systems on the market being "the best" as well as overall fears of complexity, high cost and poor performance. Luckily, La Scala had the processes in place to alleviate the clients' concerns. "We worked hard to create full accountability and to provide a detailed scope that ensured clarity and helped the client understand what they were getting," says La Scala. The homeowners' expectations for absolute reliability and simplicity guided the design team to create a robust value-based solution.

The home is 9,000 square feet, designed for the needs of a young



and active family, with another 6,000 square feet of outbuildings set on 2.5 acres. The sheer size of the estate presented challenges for La Scala. “Staying on top of design changes and additions to the lighting scope meant keeping a close relationship with the electrician and design team. Because of the outbuildings and large property, changes were significant and complex,” says the company. For example, LED drivers vary from magnetic to electronic to 0-10Volt. Getting it right meant testing onsite to get the correct match for each driver type and dimming module.

Touch panels, iPads and computers all show real-time status of all home systems on a floor plan view of the home. This encompasses 17 zones of music, seven video zones, three 5.1 media systems, 96 security zones, 12 cameras, 139 lighting loads, 42 shades, 13 HVAC zones, gates, fireplaces, a motorized window, hot tub and pool! Eight video sources are distributed by the Crestron Digital Media matrix, delivering full 1080p video to all displays over a copper and fiber infrastructure.

La Scala took its technical expertise and ported it to traditionally non-technical areas of the home, such as the kitchen. “The family enjoys talking and sharing stories with their three children at the kitchen table,” says La Scala. “With a stone floor, two glass walls, and solid stone and millwork on the third wall, we understood acoustics would be a challenge.” La Scala recommended an absorptive ceiling panel, so the designer created a beautiful slatted walnut piece that contains light fixtures, two speakers and—you guessed it—45 square feet of 2-inch thick absorptive material.

“Our painstaking work, alongside the architect, designer and builder, to thoughtfully select and discretely integrate control devices while balancing ease of use is paramount in this installation.” ■



time and expertise

Client Interviews:	8
Electronic Design and Engineering:	148
Proposal and System	
Documentation Preparation:	110
Project Management:	198
Pre-wire/Rough-in:	464
Trim-out:	164
Shop Time for Racking and Testing:	121
Programming:	291
Final Installation and Calibration:	391
Client Instruction:	5
Interior Design and/or Architecture by Others:	160
Project Management by Others:	130
Total Hours to Complete:	2190

equipment Contact the CEDIA ESP for a complete equipment list.

Active Thermal Management System Fan Kit; **Apple** Apple TV; **Bowers & Wilkins** CCM663 In-Ceiling Speaker, CWM663 Speaker; **Crestron** AV 2 Processor, CNPWS-75 Cresnet Power Supply, CNX-PBAR4 Receiver, DM-MD16X16 Digital Media Switcher, DM-RMC-100-C Receiver, DM-RMC-100-S Receiver, MTX-3 Touch Screen, QM-RMC Controller, SWAMP-24X8 Audio System, TPMC-9 Touchpanel; **Denon** AVR-2312CI Receiver, AVR-3312CI Receiver, DBP-2012CI Blu-ray, DCM-390 CD Changer; **Extron Electronics** MAV 88 AV RCA Matrix Switch; **Future Automation** PS42-A TV Bracket; **James Loudspeaker** SPL39LCRAL Speaker Bar; **Lutron** H8P5-MI-120 Processor, Grafik Eye QS Control Interface, F80 Compact Music System, I80 iPod Dock; **Middle Atlantic** Rack; **Motorola** DCX3400 HD Cable Box; **Pakedge** RSB-K24C A/V Bridging Network Kit; **Panamax** M4300-PM Surge Protector, M4315-PRO Blue Bolt Surge Protector; **RSR Designs** Acoustic Package; **Sharp** LC52IE835 LED TV, LC60IE835 LED TV; **Triad** OWMINILCR3.0 Speaker Bar; **Velodyne** OPTIMUM-12 Subwoofer

