

ElectronicLifestyles

Exclusive Publication of the 2009 CEDIA Electronic Lifestyles® Designer Awards

Winter 2010

GOLD technical design Large Home Theater, \$391K - \$670K

BEST overall Large Home Theater



CUSTOM
ELECTRONIC
DESIGN &
INSTALLATION
ASSOCIATION



Rock Solid

This high-performance theater takes home top honors thanks to some incredible engineering and top-notch components.

First and foremost, this theater was designed to be an incredibly high-performance space for movies and sporting events. “Our clients particularly enjoy movies and were drawn to solutions that promised the best experience,” says La Scala.

Starting with the room’s envelope, La Scala worked hard to isolate the room acoustically, employing a room-within-a-room construction. The walls and ceiling were decoupled from the rest of the house using Kinetics Noise Control products. Then the entire space was lined with a heavy vinyl barrier, after which two layers of QuietRock were installed and acoustically sealed at all joints.

“Earth-shaking” audio is something of an understatement considering the theater’s California Audio Technology (CAT) Elite series speakers. There are 20 discrete channels of DSP processing by SymNET. In

Electronic Systems Contractor:

LA SCALA

204 West 6th Ave.
Vancouver, BC V5Y 1K8
Canada
604-606-1888
www.lascalaca
CEDIA member since 1993

Architect:

Poskitt Design Ltd.

463 22nd St. East
North Vancouver, BC V7L 4S6
604-980-2600

Builder:

Pericraft Construction

#59 - 6700 Rumble St.
Burnaby, BC V5E 4H7
604-789-2621

Interior Designer:

Archterior Design

1106 Boundary Rd.
Burnaby, BC V5K 4T5
604-269-0950



addition to the main left, center and right speakers, La Scala used four side surrounds and two back wall surrounds. There are also a whopping 11 subwoofers: five across the front wall for bass and six along the sides of the room to balance the bass, cancelling peaks and mitigating nulls that naturally occur.

The bare room was square and not especially deep, resulting in the front row of seats being relatively close to the screen. For this reason, La Scala kept the screen size modest for exceptional image quality with outstanding contrast and brightness. Video is courtesy of a three-chip 1080p Runco projector with an Autoscope lens, a Stewart Filmscreen CineCurve, and a Kaleidescape movie server, which, when combined, create an impactful, integrated experience for the homeowners. ■

■ time and expertise

Client Interviews	3 hrs
Electronic Design and Engineering	124 hrs
Proposal and System Documentation Preparation	8 hrs
Project Management	72 hrs
Pre-wire/Rough-in	24 hrs
Trim-out	76 hrs
Shop Time for Racking and Testing	32 hrs
Programming	24 hrs
Final Installation and Calibration	72 hrs
Client Instruction	2 hrs
Interior Design and/or Architecture by your Company	16 hrs
Interior Design and/or Architecture by Others	16 hrs
Project Management by Others	32 hrs

Total Hours to Complete: **501**

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

ATM 00-120-02 cooling fan; **ADA** Cinema Reference processor; **AMX** MIO-R4-ZGW Kit, MVP-8400i, MVP-TDS Modero Viewpoint, NI-3100 NetLinX integrated system controller; **CAT** C150.7SE power amplifier, C250.7SE power amplifier, C300.2FD power amplifier (4), C4.7 Catalina architectural loudspeaker (6), CMBX8.7 MBX - Trinity architectural loudspeaker (3), CS4 Modoc 12 (6), CS5 Modoc 15 (5); **Denon** DVD-3800BDCI Blu-ray/DVD/CD player; **Edmund** Anti Ref Glass 8 dia. Anti-reflection glass 8; **First Impressions** Cinelounger (9); **Kaleidescape** KDISK-1000-L-N disk cartridge (5), KMUSIC-4000 4-Zone music player, KPLAYER - 300 movie player, KPLAYER - 6000 Movie player, KSERVER - 5000 3U Movie server; **Lutron** SeeTouch Keypad; **Middle**

Atlantic AXS-WT50, MRK-4431AXS-26 AXS Professional rack system, RSH-4A Custom rackshelf (4); **Pakedge** WAP-W3-01 wall mount; **RSR Designs** Acoustic Pckg; **Runco** Mckinley CW AS, VX-22d DLP projector; **Stewart Filmscreen** CineCurve screen

