

entry **SP8**



Briefly describe the objectives in creating this project.

The client desired to transform a newly-purchased building into a mixed-use space for his avant-garde wallpaper company. The first two floors would encompass a printing plant, offices and a showroom for his successful wallpaper business, with apartments for staff on the third floor. The top floor and roof deck would comprise his penthouse apartment. Because the client wanted to be able to have large parties and industry events throughout the building, he needed to have global control over music, lighting, shades, security, telephone, and network. He also wanted the ability to display video throughout the building for pleasure, entertaining, and work-related presentations.

What technical features are notable in the project (control system, acoustics, video features, audio features, etc.)?

Notable features include a fully-integrated Crestron distributed A/V control system that controls the audio, Lutron HomeWorks lighting, motorized shades, and security system throughout the building. The Lutron HomeWorks system is also controlling LED rope lighting under the living room couch, bed, kitchen cabinets, and counter tops. The client enjoys listening to music, and one of his hobbies is to DJ with his vast record collection. From his DJ booth, he wanted to play music throughout his business and home. We included the booth as a music source, as well as an Audio ReQuest music server, a Sony five-disc CD changer, and cable music. Optimum sound quality was essential, so we used primarily B&W CWM-800 in-wall speakers throughout his apartment. Crestron e-control allows the client to manage all control functions via computer— whether he's sitting in his office or traveling. He can also access the system from his Apple iPhone. The show room has an Epson PowerLite 1735W projector—on a lift mechanism—to showcase the newest wallpaper designs. Samsung and Sharp televisions are installed on Chief brackets throughout the building.

The client also has a Sharp 19" LCD panel TV appearing almost seamlessly from the center of a large mirror in the master bath. As forethought, he also wired and framed for a future home theater in the media room.

Discuss the elements that make this project "special."

What makes the project so special was the synergy of it all. Clients often go to great lengths to make their home a place they can truly call their own. However, this client went the extra mile to create a work space that was an extension of his own home—including the massive, first-floor printing press that is flanked by numerous speakers and source control via iPod Touch control integration. It's not often a client can wake up listening to a song, and have that song follow him, even in the elevator, to work on something other than headphones. This project made that dream a reality.

What makes this system worthy of recognition?

This system is well-deserving of recognition because the client really understood how technology could enhance his life at home and at work. The showroom projector is being used quite unconventionally. It descends from the ceiling at a moment's notice showing the latest wallpaper designs to give spectators a feel for how the eye-catching designs could look on their wall. When it is needed, the projector can show TV programming or Apple TV content.

The musical aspect of the project is also noteworthy. During parties the client likes to use his DJ booth which can be played throughout the office and home spaces. Music in the offices keeps the creative juices flowing so the team can devise wallpaper about as far from the norm as you can expect and still call it wallpaper. The client wanted the creative vibe—and music—to be able to permeate the premises, and we were able to achieve just that. With Crestron, this company can have a burst of music and wallpaper everywhere.

TIME AND EXPERTISE

Task	Hours
Client Interviews:	4
Electronic Design and Engineering:	45
Proposal and System Documentation Preparation:	8
Project Management:	145
Pre-wire/Rough-in:	45
Trim-out:	32
Shop Time for Racking and Testing:	16
Programming:	58
Final Installation and Calibration:	178
Client Instruction:	4
Interior Design and/or Architecture by your Company:	0
Interior Design and/or Architecture by Others:	0
Project Management by Others:	0
Other time:	0
Total Hours to Complete:	535

Qty: 2 Manufacturer: AudioControl Model#: Architect 1600SE	Qty: 2 Manufacturer: Crestron Model#: TPS-6X	Qty: 1 Manufacturer: Lutron Model#: HWI-Q96	Qty: 1 Manufacturer: Samsung Model#: LN46B550
Qty: 1 Manufacturer: AudioControl Model#: Architect 1160	Qty: 1 Manufacturer: Epson Model#: PowerLite 1735W	Qty: 2 Manufacturer: Lutron Model#: QED Power Panels	Qty: 2 Manufacturer: Samsung Model#: BD-P3600
Qty: 1 Manufacturer: Audio Request Model#: F2.V5	Qty: 1 Manufacturer: Furman Model#: F1500-UPS	Qty: 1 Manufacturer: Middle Atlantic Model#: Slim 5-21-26	Qty: 1 Manufacturer: Samsung Model#: LN52B750
Qty: 16 Manufacturer: B&W Model#: CWM-800	Qty: 2 Manufacturer: Furman Model#: Elite 15 i	Qty: 1 Manufacturer: Middle Atlantic Model#: SP-5-21-26	Qty: 1 Manufacturer: Samsung Model#: LN37B550
Qty: 6 Manufacturer: B&W Model#: CWM-6260	Qty: 2 Manufacturer: Integra Model#: DTM-5.9	Qty: 1 Manufacturer: Middle Atlantic Model#: CBS-5-26	Qty: 1 Manufacturer: Samsung Model#: LN40B750
Qty: 2 Manufacturer: B&W Model#: CWM-650	Qty: 44 Manufacturer: Leviton Quickport Model#: 2-port	Qty: 1 Manufacturer: Middle Atlantic Model#: AXS-43-26	Qty: 1 Manufacturer: Sharp Model#: LC-19SB27UT
Qty: 2 Manufacturer: B&W Model#: CCM-636	Qty: 2 Manufacturer: Leviton Quickport Model#: 1-port	Qty: 1 Manufacturer: Middle Atlantic Model#: TRACK 50	Qty: 6 Manufacturer: Sonance Model#: VC60S
Qty: 8 Manufacturer: B&W Model#: 686	Qty: 24 Manufacturer: Leviton Quickport Model#: 3-port	Qty: 1 Manufacturer: Middle Atlantic Model#: TS310	Qty: 1 Manufacturer: Sonance Model#: ASAP-3D SAT
Qty: 2 Manufacturer: Chief Model#: MTTU	Qty: 1 Manufacturer: Linksys Model#: RV016 Router	Qty: 3 Manufacturer: Middle Atlantic Model#: RSH-4A	Qty: 5 Manufacturer: Sonance Model#: VCRIM
Qty: 1 Manufacturer: Chief Model#: MAC-501	Qty: 2 Manufacturer: Linksys Model#: SRW224G4P	Qty: 9 Manufacturer: Middle Atlantic Model#: U2	Qty: 1 Manufacturer: Sonance Model#: Sonamp 275 SE
Qty: 1 Manufacturer: Chief Model#: JWDIW-210	Qty: 2 Manufacturer: Linksys Model#: WAP200	Qty: 1 Manufacturer: Middle Atlantic Model#: BL-3	Qty: 1 Manufacturer: Sony Model#: CDP-CE375
Qty: 1 Manufacturer: Chief Model#: PLP-2306	Qty: 2 Manufacturer: Linksys Model#: WAP54G	Qty: 16 Manufacturer: Middle Atlantic Model#: EVT-1	Qty: 1 Manufacturer: SpeakerCraft Model#: MT6 Two
Qty: 1 Manufacturer: Chief Model#: PNR-IWUB	Qty: 2 Manufacturer: Lutron Model#: HWBP-8D-20-120L4	Qty: 1 Manufacturer: Middle Atlantic Model#: PD-915R	Qty: 2 Manufacturer: SpeakerCraft Model#: CRS6 Two
Qty: 1 Manufacturer: Chief Model#: PLP-U	Qty: 1 Manufacturer: Lutron Model#: HWI-LV32-120	Qty: 1 Manufacturer: Middle Atlantic Model#: RRF-21	Qty: 12 Manufacturer: SpeakerCraft Model#: AIM7 DT Three
Qty: 1 Manufacturer: Crestron Model#: TPS-4L	Qty: 1 Manufacturer: Lutron Model#: H8-P5-H48-120	Qty: 2 Manufacturer: OnQ Model#: EN-4250	Qty: 4 Manufacturer: SpeakerCraft Model#: OE6 Three
Qty: 1 Manufacturer: Crestron Model#: PRO2	Qty: 2 Manufacturer: Lutron Model#: HWI-MI-120	Qty: 1 Manufacturer: Owner Supplied Panasonic Telephone System Model#: KX-TD1232	Qty: 1 Manufacturer: Terk Model#: FM Pro
Qty: 3 Manufacturer: Crestron Model#: C2N-DBF12	Qty: 14 Manufacturer: Lutron Model#: HW-RPM-4A-120	Qty: 1 Manufacturer: Panasonic Model#: MOD-AT4	Qty: 1 Manufacturer: Triad Model#: In-Wall SlimSub/4
Qty: 1 Manufacturer: Crestron Model#: C2ENET-1	Qty: 1 Manufacturer: Lutron Model#: GRX-TV1	Qty: 1 Manufacturer: Panasonic Model#: KX-TVA50	Qty: 1 Manufacturer: Triad Model#: InWall Bronze/6 PowerSub
Qty: 1 Manufacturer: Crestron Model#: TPS-6L	Qty: 12 Manufacturer: Lutron Model#: STWD-6BRL	Qty: 1 Manufacturer: REL Model#: R-205	Qty: 1 Manufacturer: Universal Model#: MX-900
Qty: 2 Manufacturer: Crestron Model#: CNX-PAD8A	Qty: 12 Manufacturer: Lutron Model#: SKD-6BRL	Qty: 2 Manufacturer: Samsung Model#: LN32B550	Qty: 2 Manufacturer: Xantech Model#: CB-18