



Light Fantastic

There is an apartment in Little Venice which is light and bright and full of life-enriching, Crestron-controlled, home automation technology. Installed by leading systems integrator and CEDIA member, James & Giles, the impressive and all-encompassing system sheds new light on the totality of the Crestron solution and its possibilities.



Behind its imposing Edwardian façade, this stunning, split level apartment opens up to boast the kind of free-flowing space which is now synonymous with contemporary living. Its interior style, although minimal, is completely conducive to family life. The owner, who works from home, wanted to remain connected to his family at all times and the layout has been designed with this in mind. The study on the upper ground floor has been positioned so that he can overlook the main family areas through a large central void, ensuring that he remains an integral part of the proceedings at all times. A glass walkway successfully spans the space, connecting the first floor study with the living room, bridging the open-plan kitchen and the snug below.

Within this space, a wealth of home automation technology has been installed by James & Giles to maximum effect and with minimal impact on the interior scheme. The all encompassing system, which evolved organically from the homeowner's initial request for multi-room audio and a home cinema, perfectly showcases how technology can be used to enhance family life. Lighting, both natural and artificial, has been used to dramatic effect to create mood and interest. The lighting scheme, which was designed by Lumino, puts Crestron's lighting control solution firmly in the spotlight and proves that, when it comes to lighting, Crestron is indeed a control heavyweight.



“We are really impressed with the Crestron lighting solution.” Explains Giles Sutton, the man who puts the Giles in James & Giles. “The things that are possible are astonishing and the degree of control it has given the homeowner in this case is remarkable. We have really pushed the system to its limits and it has proved itself to be robust, highly effective and user-friendly, with a luxurious and smooth dimming curve that sets it apart from others on the market.”

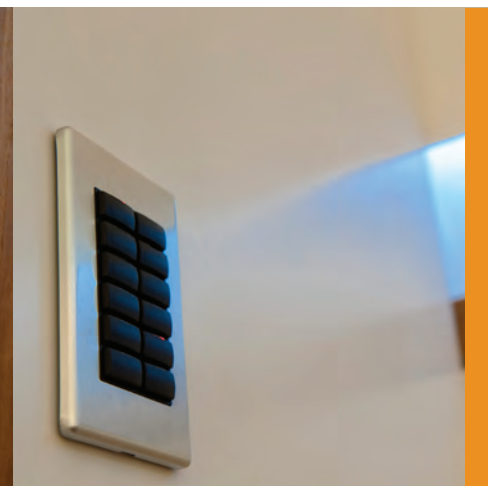
From the industrial light fixtures in the snug, the period detailing of the chandelier in the living room, the colour wash wall in the children’s bathroom and the extensive use of LEDs and fluorescents; the lighting scheme is contemporary, practical and, infinitely controllable with impressive Crestron technology. Uniquely, the system gives the homeowner the ability not just to control lighting scenes but to edit them, as appropriate, to create his own lighting effects. To facilitate this James & Giles have custom

designed a web control page for the computer in the study which allows the owner to access the lighting, as well as all the technology within his home; including monitoring and controlling the heating system, viewing CCTV cameras, choosing music and even answering the front door.

“When it came to control, there really was no other choice than Crestron.” Adds Giles. “The homeowner was keen to collaborate with us and to explore ways in which we could control

different technology. We therefore designed a structured cabling network that would allow him to control every electronic system in the house, if he wanted.”

And, there is an impressive array of technology to control, including comprehensive audio-visual provision. There are no fewer than three surround sound home cinema systems in the property; in the master bedroom, living room and sitting room, which are all linked to a central media server with local players





in each room. As far as radio is concerned, a DAB relays RDS information to a Crestron touchpanel so that the homeowner can instantly see the artist and track title playing at any one time.

By zoning the heating system, James & Giles were able to provide a solution which is not only flexible but energy efficient too. During the day the Crestron system switches off the heating systems in the bedrooms and instead directs energy to the living areas that are occupied. Towards the end of the day,



the system begins to transfer heat to the bedrooms and turns off the heating in the living areas. Heat is therefore only applied to rooms when required. The system also takes in to consideration other heating systems within the property such as towel rails and air-conditioning units to prevent heating and cooling systems working against each other.

The homeowner's wife, who is an interior designer, wanted as few controls on the wall as possible. Therefore CNX lighting keypads were used, with built in temperature sensors to control the under-floor heating system and maintain the temperature of the apartment. Instead of using a separate door entry system with phones on each floor, images from the camera at the front door are relayed onto TPS 6L touchpanels.

Using the Crestron control system, James & Giles were able to provide a hi-tech child monitoring system via the TPS 6L touchscreen in the parents' bedroom. Using

the touchpanels' intercom facility and a high resolution CCTV camera with 'night vision' in the children's bedroom, the parents are able to see their children sleeping on the floor below.

The location of family members on different floors led to the specification of a number of safety and security features: on activation of the intruder alarm, the lights in the apartment flash as a deterrent and, in case of fire, the low level lighting is automatically switched on, while the main lights are deactivated to prevent smoke glare and to assist occupants in finding a safe exit route.

With space at a premium in the apartment, James & Giles worked closely with the construction team to find solutions to hiding the technology so not to impact the aesthetics of the apartment. This resulted in a number of ingenious solutions such as the concealment of the lighting dimmer panels in an old fireplace cavity and behind a bookshelf. The location of the electrical equipment within the

apartment was condensed to two areas; the rack and lighting dimmer panel area on the ground floor and the lighting dimmer panel on the lower ground floor.

And, what makes all this technical wizardry possible; two Crestron 2 series processors no less, one dedicated to heating and lighting and the other to AV. A PAC2 professional dual bus control system serves as the central processor for the Crestron Green Light™ system and the heating, working seamlessly with the

lighting dimmers, shade controls, keypads, touchpanels and thermostats in situ. Whilst, an AV2 processor allows the audio and video elements of the system to become integrated and accessible.

Yes, with its hi-tech specification and intuitive control, this certainly one property that proves that, when it comes to integrating all the systems that keep you comfortable, entertained and secure, Crestron and James & Giles are indeed light years ahead!



Kit list

Control System:

- 1 Crestron AV2 Processor
- 1 Crestron C2ENET-1 Ethernet Card
- 1 Crestron 75W Power Supply
- 1 Crestron Rack Kit
- 2 Crestron Distribution Board
- 1 Crestron ST-COM Serial Port Expander

Lighting Control System:

- 1 Crestron PAC2M Mini Control System
- 9 Crestron 4 Channel Module
- 9 Crestron Termination Rail
- 4 Crestron 4 Switch Module Board
- 4 Crestron Termination Rail
- 1 Crestron 4x2 Module Enclosure
- 1 Crestron 7x1 Module Enclosure
- 1 Crestron Distribution Board
- 1 Crestron 75W Power Supply
- 15 Crestron CNX 12 Button Keypad
- 15 Crestron 1 Gang Backbox

HVAC System:

- 3 Crestron 8 x High Voltage Relay Interface DIN Rail
- 1 Crestron CHV-RTS Temperature Sensor

CCTV & Door Entry:

- 1 Crestron C2N-IIF Intercom Interface

Kitchen:

- 1 Crestron TPS-6L 5.7" Wall Touchpanel
- 1 Crestron TPS-6L Backbox
- 1 Crestron Speaker Kit

Bedrooms

- 1 Crestron TPS-4L White
- 1 Crestron Backbox for TPS-4L
- 1 Crestron TPS-6L 5.7" Wall Touchpanel
- 1 Crestron TPS-6L Backbox
- 1 Crestron Speaker Kit

Office Area:

- 1 Crestron TPS-4L White
- 1 Crestron Backbox for TPS-4L

Sitting Room Home Cinema:

- 1 Crestron TPS-6L 5.7" Wall Touchpanel
- 1 Crestron Speaker Kit
- 1 Crestron TPS-6L Backbox



For further press information or high-resolution images please contact anna@wildwoodpr.co.uk



For more information on the Crestron range, please contact Crestron UK Ltd., Munro House, Portsmouth Road, Cobham, Surrey KT11 1TF
t: 0845 873 87 87 f: 0845 873 87 88