

Spiral House

UK



“Following initial conversations with the client, it was clear that they didn’t want to feel alienated by the technology, so the new system had to be easy to use, allow for future upgrades as required and offer seamless control of all the AV, lighting and HVAC throughout the home, pool house and garden, Lutron’s HomeWorks system was the perfect solution.”

Comments Robin Courtenay, Director at total systems integrators SMC.

Background:

From the multiple controls for garage doors and gates and noisy blinds in the conservatory, to the manual time-clocks on external lighting, the owners of a home in North London knew what they didn’t like about the house. A total refurbishment gave them the opportunity to make the most of the latest technologies with fantastic results.

The challenge:

The systems integrator, SMC, had to overcome a variety of issues on this particular installation. A high level of integration was required throughout the house, yet had to be worked around the home’s existing footprint. The level of integration also meant that a schematic had to be created that minimised the wiring that was required throughout the house. Working closely with architectural practice Stephen Wax Associates, a plan was created that included two separate systems rooms and multiple HomeWorks 8 and 5 modules to create a convenient, usable system that was discrete, yet fully integrated.

Lutron's Homeworks lighting control system is:



An advanced whole-home lighting control system



Easy integration of lighting, AV, window treatments, security and HVAC services



A powerful P5 HomeWorks processor contains features such as conditional logic and an integral astronomic timeclock

The solution:

With ease of use high on the client's agenda, all of the technology used within the home needed to be user-friendly and versatile. Thanks to choosing Lutron's highly flexible HomeWorks light control solution, functionality was built into the lighting scheme from day one.

By integrating all of the services into HomeWorks, SMC was able to minimise operational complexity and wall clutter, enabling control from Lutron's SeeTouch International 8 button keypads and double keypads, located throughout the home. For the ultimate in flexible control, the system was also integrated into a variety of touchpanels in the living areas and the owner's iPhones™* and iPads™* through AMX control.

Thanks to the open structure of Lutron's HomeWorks software, SMC's engineers were able to integrate the interior, exterior and security lighting, as well as the control of 83 blinds and the lighting within the external pool house with as few interfaces as possible, ensuring ultimate control from anywhere in the home.

The results:

By integrating the blinds, security, HVAC and AV systems into Lutron's HomeWorks solution, the owners now have a home that not only works for them but is easy to control and adjust to their requirements, no matter the time of day. In addition, the use of Lutron's Sivoia QED technology, rated at 44dBA at 1m, has meant the elimination of the 'noisy blinds' problem, ensuring the ultimate in silent control throughout this stunning home.

Architects:	Stephen Wax Associates
Installers:	SMC
Photography:	SMC
Lutron Products:	HomeWorks light control system, Lutron Sivoia QED curtains and blinds control system and Lutron International SeeTouch Keypads

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