



Ensor Mews

– smart architecture and smart automation under the one roof

Tucked away in an inner London cul-de-sac, one family has built their dream home that includes a cutting edge home automation system.

The contemporary home, Ensor Mews, is hidden between two rows of classic London terraces and lies beneath a grass

roof and a California style garden. While it might sound out of place, this is a striking example of how great design and great technology work together to create a home that harmoniously blends with its surroundings.

PHILIPS
dynamalite

Client requirements

The client wanted a powerful and robust home automation system that would provide superior performance, lighting control and energy efficiency.

It was important that the home be a haven of relaxation and entertainment made possible by integrating all the lighting, blinds, heating, cooling and audio-video equipment under one Philips Dyalite control.



The Philips Dyalite solution

Designed to be flexible and intelligent, the Philips Dyalite smart home automation system is the backbone of Ensor Mews.

The opportunity to work on a house from the ground up was an unusual experience that made it easier to design and commission a system that would answer all the client's needs.

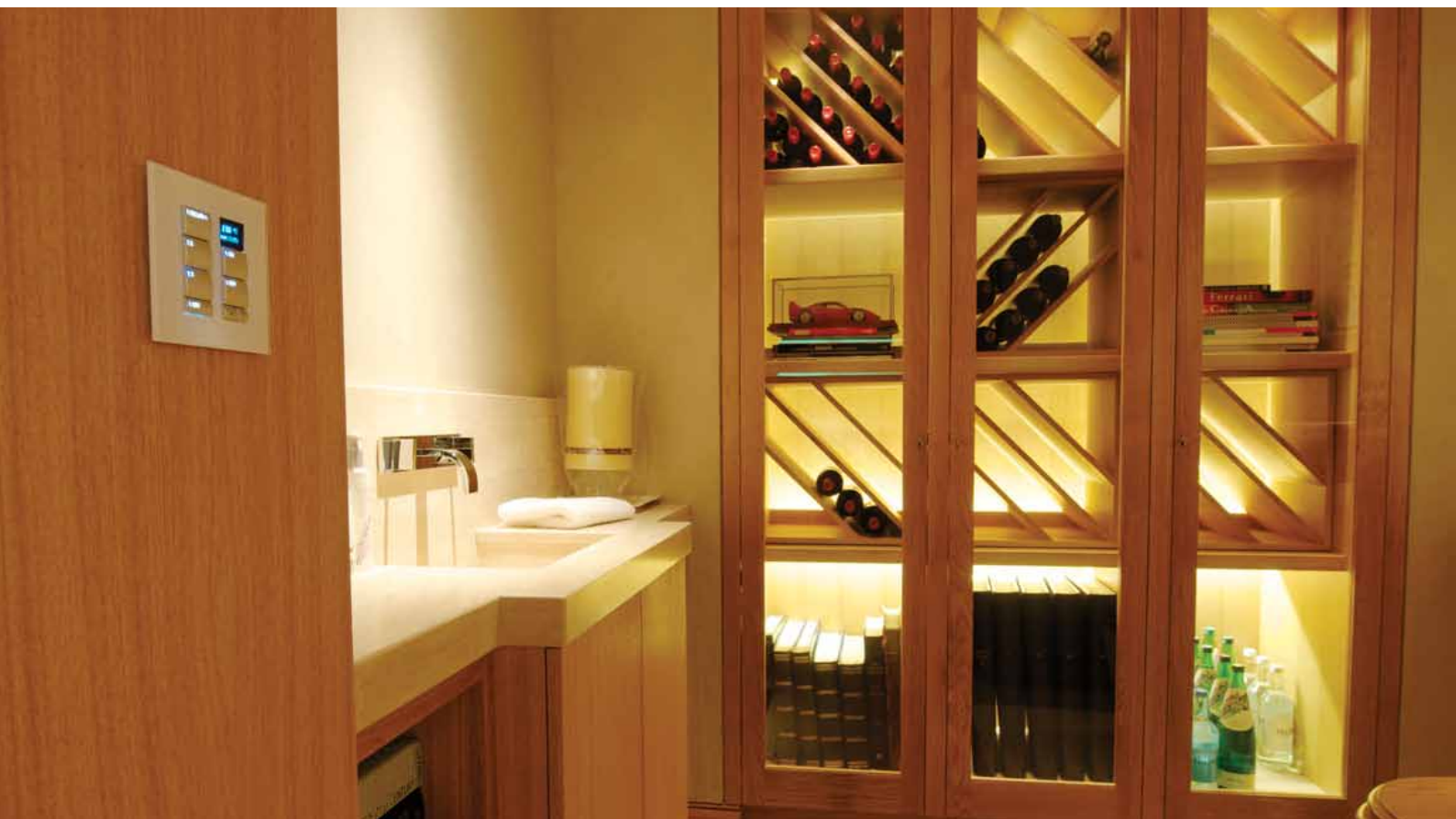
To minimise the environmental impact of the home, twin ground-source heat pumps are used to drive the underfloor heating system. Integrating all the elements of the buildings' HVAC system into the automation control required a high level of ingenuity from the design team.

Seamless integration

The integration with the heating system required bespoke coding by the experienced installers and specialist consultants familiar with the Philips Dyalite equipment and software.

The release of upgraded software for the audio-visual system meant that the home entertainment equipment could be fully integrated into the automation system.

The interface application can be run on an iPad, phone or tablet PC so that when the television is switched on in the media room, the lights automatically come on or dim to reset levels in accordance with system programming.



Products and technology used

The small OLED displays are a feature of the 29 DR2PE Revolution series pushbutton wall panels, which provide the control for the system. Where appropriate, the iPad-type application is used in conjunction with the other controls.

The owner has been working with the best lighting designers in Britain and said he felt that the Philips Dyalite wall panels “were the most attractive he had seen”.

The configuration of any part of the automation system can also be changed remotely by technicians from Face to Face.

Flexible control

A DNG100BT Ethernet gateway was installed in the house to allow monitoring of all the activities of the system. Face to Face can also make changes in response to the homeowner's requests.

Face to Face Digital can respond to questions from the client about day-to-day operations of the system and can also work with the mechanical engineering company when there is unusual behaviour with the equipment.

Final commissioning of the Ensor Mews house was overseen by AWE Europe Ltd, the Philips Dyalite VAR.

Key client benefits

The home owner was involved in every aspect of the project and the finished home, an exceptional example of modern design blended in a heritage residential area. It is testament to his desire to make sure everything was right.

Integration on display

The homeowner is so impressed with the finished project that he has offered his home to demonstrate what can be achieved in terms of integrated automation.

What's most interesting about this project is that it is a comfortable home first and foremost, not a techno-palace.

As home automation and lighting management become more important in the residential building and construction sector, the Philips Dyalite control system is setting a new benchmark for future projects.



“ A sophisticated home automation control system founded on Philips Dyalite technology provides Ensor Mews, a luxury residence in London, with unrivalled performance, controllability and energy efficiency. ”

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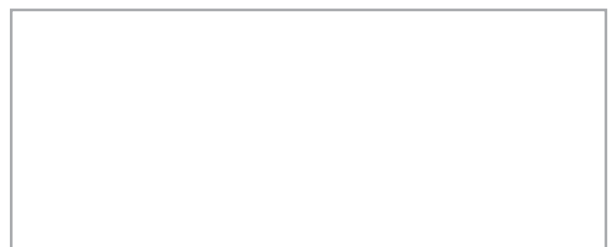
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