



Coast Apartments

– smart home technology at the touch of a button

A new coastal development in Cronulla on Sydney's southern beaches is an example of how clever architecture and sophisticated technology can work hand in hand.

The four waterfront luxury apartments were designed for a mature demographic seeking a comfortable lifestyle but also ready to embrace technology to enhance their lifestyle.

Each apartment is fitted with a Philips Dynalite lighting control system that streamlines control of the numerous control systems and electronic services such as lighting, motorised blinds, air conditioning, exhaust fans, floor heating, security and audio-visual system to suit the lifestyle of the owners.

PHILIPS

dynalite 

Client requirements

While most modern apartment complexes around the world have several automation systems controlling different functions, a pre-requisite for this development was a user interface panel that would be stylish, easy-to-use and control a variety of different devices from the one system.

According to System integrator, Smart Home Systems (SHS), the most important consideration was that the system would simplify the homeowner's life, not complicate it, and allow them to control everything from one intuitive control panel.

A large number of sensor-driven lights were installed throughout the complex, including the internal and external common areas, all of which needed to be controlled by the system.

As well, most of the apartment lighting is controlled by timers and motion and occupancy sensors all of which needed to integrate into one clever system.

Sounds like a tall order, but the Philips Dyalite system is designed to provide convenient, intelligent and sophisticated control with one easy touch.

The Philips Dyalite solution

Each apartment was equipped with a Philips Dyalite system that seamlessly integrates the single point of control for all automation systems in the development into a stylish and intuitive interface.

Easy access to all things technology

That means any button on a Philips Dyalite control panel can be programmed to operate any part of the integrated automation system.

For example, a pushbutton switch in a first floor bedroom can be programmed to switch off all the lights and the airconditioning and close the blinds on the ground floor.

Integrated technology

When the homeowner comes home, pressing a single button turns on the lights in the main rooms and opens any nominated blinds or security shutters. Similarly, the 'House Off' function closes blinds and shutters and turns off all the lights.

“Comprehensive and intuitive smart home automated control with the touch of a single button.”

The distributed music system in the apartments has been divided into several zones, all controlled in the Philips Dyalite pushbutton control panel.

Another plus is that the technology is concealed which complements the clean and minimalist design and finishes throughout the apartment.

Overall, the system provides an exceptional level of integration with an emphasis on ease-of-use.

“The innovative use of Philips Dyalite's smart home technology has delivered cutting-edge functionality to this luxury waterfront development.”





Products and technology used

Each apartment is equipped with Philips Dynalite din-rail Leading Edge, Relay & Multi-purpose Load Controllers to integrate the control of all lighting, blinds, airconditioning, exhaust fans and floor heating. SHS chose Philips Dynalite for its exceptional capability to integrate with the other systems contained in the project. Significant sensor-driven lighting was installed throughout the complex including both the internal and external common areas. This ensured that operation and maintenance required minimal user

intervention. Most of the lighting throughout the individual apartments are also controlled by timers, motion and occupancy sensors.

The distributed music system in the apartments has been divided into several zones. The control of the music played in each zone has been consolidated into the Revolution Series 2 pushbutton control panels. The airconditioning and floor heating controls are also operated via the Revolution panels.

Key client benefits

While the developer specified most of the features in the automation system, the flexibility of the Philips Dynalite system allowed SHS to work with individual homeowners to customise settings to suit their needs.

A simple life

The Philips Dynalite solution is a simple-to-use, intuitive automation system, which can be accessed and operated by anyone in the home.

Importantly, the system delivers tangible energy saving, comfort and convenience for the owner.

This clever home takes care of heating, cooling, lighting and more without the occupants needing to think about them

The system manages energy use by ensuring systems are active only when needed, controlling window furnishings to maximise natural light, shade or ventilation, and the savings are significant.

Most importantly, the system is flexible and can adapt to changing user demands.



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