



Making Light Work in the Home.

case study



Mechanical button controllers in a Hartland CFX® plate design, finished in polished chrome were selected across the property to reinforce the contemporary design theme.

■ A magnificent family home in Surrey, UK, part of a series of much sought after properties valued between £3m to £5m.

Set in a plot of 0.55 of an acre, the 7,500sq ft. property boasts exceptional features such as, split levels, glass walls, high ceilings, pocket doors, ceiling coffers, and a curved staircase leading to five bedrooms and a self-contained annexe (which links to the main house). The layout of the building offers spacious ground floor accommodation (kitchen/breakfast/family) plus five further reception rooms. The first floor has a master bedroom with his and hers dressing rooms, en-suites, four further bedrooms with en-suites, one which has a kitchenette and own staircase (as well as linked to first floor). On the second floor two rooms (one with shower room), which are linked by a bridge.

■ The Brief

The property required a lighting control solution that could effectively control a multi-room LED based installation. The ability to tailor the lighting requirements for individual rooms was essential, and the look of the system needed to complement the quality design and fabulous finish of the project.

■ The Solution

Hamilton worked with the developer to design a bespoke system based upon its Mercury® Lighting Control system. This intuitive-to-use system enables the homeowner to create an incredible variety of lighting scenarios; from simple dimming to scene-setting programmes, which can be set, stored and recalled with ease.

The installation included a master control hub and wall-mounted control plates which are available as 'Capacitive touch controllers' and 'Mechanical button controllers'. In this case mechanical button controllers in a Hartland CFX® plate design, finished in polished chrome were selected across the property to reinforce the contemporary design theme. Each control plate was individually designed and manufactured by Hamilton to meet the exact specifications of the function needed within each room – every button on each plate had a purpose. With Mercury installed, on leaving or arriving at the property the homeowner can simply operate all pre-sets at the touch of one button. A remote control facility via iPad/iPhone using a downloadable app was also integrated into the system.

■ The Result

A system which has exceeded client expectations for both operation and design. As a result, Hamilton is now the preferred supplier for the developer across all the properties in its portfolio of impressive projects. The installers are confident in the knowledge they can rely on Mercury's inherent flexibility to adapt the system as required at any given point during the fit-out – saving them both time and money. The homeowner has a system which can be controlled by the push of a button, or the swipe of the finger; giving them full control of the lighting throughout the property even when it's unoccupied. Plus Hamilton's bespoke design and production service, Savile Row, ensured that every control plate was unique in both function and form – tailor-made coming as standard!



■ Products installed

• Dimmer System

Mercury digital system comprising of 3 x 20 channels @ 600w Tungsten/150w LED per channel. Plus a 13 x 3A Volt Free Relay 230V/50Hz SP&N supply. Phase Isolator plus MCB output protection. Cat 5/6 cable required to all control panels. Enclosure size 800mm x 400mm x 120mm.

• Control Panels/Throughout Property

Master programmable 8 push buttons. LED Indication on scenes. 4 Scene recall plus 4 Raise/Lower, On/Off Buttons. Mounted on 86 x 86mm Hartland CFX® Polished Chrome Plate.

Master programmable 6 push buttons. LED Indication on scenes. 4 Scene recall plus 2 Raise/Lower, On/Off Buttons. Mounted on 86 x 86mm Hartland CFX® Polished Chrome Plate.

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Hamilton
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Engineering skills, an eye for design and concern for quality, combined with the values of a long-established family company, place Hamilton among the leaders in British manufacturing SMEs. With a wide range of capabilities to meet the needs and exacting demands of the professionals we work with, we deliver wiring accessories and controls for lighting and audio in homes of the discerning, hotels of distinction, heritage properties and the latest signature developments.

Beginning with the assembly of dimmers (then a new technology when we started out in the 1960s), the company has progressed through building a portfolio of designs to please the interiors fashion industry, to harnessing today's technology to serve the current insatiable appetite for electronic control of all aspects of living.

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