



An elegant duplex apartment within a prestigious residential development, Belgravia, London.

## case study



### ■ The Brief

For this installation, Kapital Estates, the developer of this ambitious project needed to achieve outstanding quality and exclusivity befitting a duplex, set in the heart of Belgravia, encompassing over 3,250 sq ft. spread across two floors and valued at £7.7million.

The renovation and build of the duplex itself embraces the magnificent original features of the building while at the same time creates elegant modern living space throughout. Comprising entrance, reception, dining, cloakroom, kitchen/hall and 3 bedrooms all with en suite and a dressing room within the master – the layout is logical and flows from one area to another. The décor seamlessly combines timeless grandeur with cutting edge – a scenario with which Hamilton is both well versed and expert at accommodating.

### ■ The Solution

This stunning project presented Hamilton with a perfect opportunity to showcase its bespoke decorative wiring accessory ranges and to demonstrate the impressive ability of the company's unique Mercury® lighting control system. The slim and elegant Hartland CFX® plate in a satin stainless finish was recommended and selected, from Hamilton's extensive style and finish options, for its contemporary but timeless elegance but this was just the start of the installation process.

Mercury®, the company's comprehensive, intelligent, easy-to-use dimming and control solution was installed throughout the property. Delivering complete control of a variety

of lighting scenarios; from simple dimming to scene-setting programmes, which can be set, stored and recalled with ease, a bespoke system was built to accommodate the requirements of the project. The installation included a master control hub, wall-mounted control plates and a remote control facility via iPad/iPhone using Hamilton's downloadable app.

Each and every control plate was individually designed and built to meet the exact specifications of the function needed within each room. For example; on entering the duplex you are met with a Master 86mm x 86mm control plate incorporating 8 push programmable buttons, LED's Indication on scenes, 4 scene recall plus 4 Raise/Lower, On/Off Buttons and an IR Receiver. Other rooms, such as the bedroom, used a combination of Master and Slave control plates, controlling the main room lighting and bedside lamps respectively. Every button on each plate had a purpose.

## ■ The Result

Quality and exclusivity were delivered within a competitive budget – far exceeding client expectations. For the client, time was saved, hassle eliminated and peace of mind maintained. One supplier offering a comprehensive choice of plates, stunning range of finishes, and state-of-the-art lighting control guaranteed the installation ran smoothly. 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 20 channels @ 600w per circuit. Plus a 13 x 3A Volt Free Relay. Plus 8 x 1-10V for 1-10V Drivers. 230V 50Hz SP&N supply. Outgoing Fuse protection. Cat 5/6 cable required to all control panels. Enclosure size 1000mm x 760mm x 210mm. Twisted pairs must not be separated on +12v & 0v.

### • Control Panels/Ground Floor

**Entrance** (2 x 600W + 2 x 1-10V) Zone 1: Master programmable 8 push buttons. LED's Indication on scenes. 4 Scene recall plus 4 Raise/Lower; On/Off Buttons. IR Receiver. Mounted on a 86 x 86mm Hartland Satin Stainless CFX Plate.

**Reception** (4 x 600 + 1x1-10V) Zone 2: Master programmable 10 push buttons. LED's Indication on scenes. 4 Scene recall plus 6 Raise/Lower; On/Off Buttons + (Entrance 5Amps, Z1). IR Receiver. Mounted on a 146 x 86mm Hartland Satin Stainless CFX Plate.

**Dining** (4 x 600 + 2x1-10V) Zone 3: Master programmable 11 push buttons. LED's Indication on scenes. 4 Scene recall plus 7 Raise/Lower; On/Off Buttons. IR Receiver + (Entrance 5Amps, Z1). Mounted on a 146 x 86mm Hartland Satin Stainless CFX Plate.

**Cloakroom** (3 x 600) Zone 4: Master programmable 7 push buttons. LED's Indication on scenes. 4 Scene recall plus 3 Raise/Lower; On/Off Buttons. IR Receiver. Mounted on a 86 x 86mm Hartland Satin Stainless CFX Plate.

**Kitchen/Hall** (4 x 600) Zone 5: Master programmable 8 push buttons. LED's Indication on scenes. 4 Scene recall plus 2 Raise/Lower; On/Off Buttons. IR Receiver. Mounted on a 86 x 86mm Hartland Satin Stainless CFX Plate.

### • Control Panels/Lower Ground Floor

**Bedroom 1** (6 x 600) Zone 6: Master programmable 10 push buttons. LED's Indication on scenes. 4 Scene recall plus 6 Raise/Lower; On/Off Buttons. IR Receiver. Mounted on a 146 x 86mm Hartland Satin Stainless CFX Plate.

Slave control with 5 push buttons. LED's Indication on scenes. 4 Scene recall plus 1 Raise/Lower; On/Off Button for Table lamp. IR Receiver. Mounted on a 86 x 86mm Hartland Satin Stainless CFX Plate. (Above control of 5A's, one for LH and one for RH).

**En-Suite** (1 dim) Zone 7: Master programmable 5 push buttons. LED's Indication on scenes. 4 Scene recall plus 1 Raise/Lower; On/Off Buttons. IR Receiver. Mounted on a 86 x 86mm Hartland Satin Stainless CFX Plate.

**Dressing Room** (3 dim) Zone 8: Master programmable 8 push buttons. LED's Indication on scenes. 4 Scene recall plus 4 Raise/Lower; On/Off Buttons. IR Receiver. (1 is for 5Amps, Bed 1, Zone 6). Mounted on a 86 x 86mm Hartland Satin Stainless CFX Plate.

**Hallway** (4 dim) Zone 9: Master programmable 8 push buttons. LED's Indication on scenes. 4 Scene recall plus 4 Raise/Lower; On/Off Buttons. IR Receiver. Mounted on a 86 x 86mm Hartland Satin Stainless CFX Plate. Slave control with 4 push buttons. LED's Indication on scenes. 4 Scene recall plus 1 Raise/Lower; On/Off Button for Table lamp. IR Receiver. Mounted on a 86 x 86mm Hartland Satin Stainless CFX Plate.

**Bedroom 2** (5 x 600) Zone 10: Master programmable 9 push buttons. LED's Indication on scenes. 4 Scene recall plus 5 Raise/Lower; On/Off Buttons. IR Receiver. Mounted on a 146 x 86mm Hartland Satin Stainless CFX Plate. Slave control with 5 push buttons. LED's Indication on scenes. 4 Scene recall plus 1 Raise/Lower; On/Off Button for Table lamp. IR Receiver. Mounted on a 86 x 86mm Hartland Satin Stainless CFX Plate. (Above control of 5A's, one for LH and one for RH).

**En-Suite** (3 dim) Zone 11: Master programmable 7 push buttons. LED's Indication on scenes. 4 Scene recall plus 3 Raise/Lower; On/Off Buttons. IR Receiver. Mounted on a 86 x 86mm Hartland Satin Stainless CFX Plate.

**Bedroom 3** (4 x 600) Zone 12: Master programmable 9 push buttons. LED's Indication on scenes. 4 Scene recall plus 5 Raise/Lower; On/Off Buttons. IR Receiver. Mounted on a 146 x 86mm Hartland Satin Stainless CFX Plate. Slave control with 5 push buttons. LED's Indication on scenes. 4 Scene recall plus 1 Raise/Lower; On/Off Button for Table lamp. IR Receiver. Mounted on a 86 x 86mm Hartland Satin Stainless CFX Plate. (Above control of 5A's, one for LH and one for RH).

**En-Suite** (1 dim) Zone 13: Master programmable 5 push buttons. LED's Indication on scenes. 4 Scene recall plus 3 Raise/Lower; On/Off Buttons. IR Receiver. Mounted on a 86 x 86mm Hartland Satin Stainless CFX Plate.

**Courtyard** (2 dim) Zone 14: Master programmable 5 push buttons. LED's Indication on scenes. 4 Scene recall plus 3 Raise/Lower; On/Off Buttons. IR Receiver. Mounted on a 86 x 86mm Hartland Satin Stainless CFX Plate.

about  
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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