

# Pre-wire kit offers simple upgrade to intelligent lighting control

Submitted by: Antimony Communications

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An inexpensive pre-wire kit that allows the future installation of intelligent lighting control has been launched by Polaron Controls. The Lightlink Pre-wire Kit (LPK) can be installed by developers at low cost, while enabling the eventual purchaser to decide whether they prefer to have conventional or intelligent lighting.

During the first-fix stage, the compact LPK enclosure is installed and dual wiring (conventional and data cable) is run to the wall switch boxes. Subsequently, if the purchaser requires the upgrade, all that is required is to connect both sets of cables to control plates and fit processor and dimmer modules in the LPK.

"This enables developers to offer the option of high-tech lighting, without incurring the up-front installation costs," explained Polaron's chief executive Joe Stelzer. "Even if the purchaser opts for conventional lighting, the property's value is enhanced through being easily converted at a future time."

Intelligent lighting controls not only offer the luxury of remote control of various lighting ambiances, but they can also enhance safety and security. Polaron Lightlink systems can be seamlessly integrated with control systems, data networks and multi-room audio.

The LPK is expected to retail in the UK for only UKP299 + VAT. It can house an eight-channel Polaron Lightlink dimmer module and a Lightlink Scene Processor module. Included are six 6 amp single-pole miniature circuit breakers (mcbs) and two 6 amp double-pole mcbs. Provision is also included for integrated audiovisual / lighting control.

Each load circuit, consisting of a single pendant, group of wall lights or grid of low voltage downlights up to 1100W, is protected by one of the 6 amp mcbs. Channels 4 and 8 are fitted with double pole mcbs to provide a non-switched protected output for extractor fans, emergency lighting etc.

The structured design of the LPK means that not all circuits have to be converted. If desired, some circuits may be left with conventional switching.

Designed and manufactured in the UK, Polaron lighting controls include a full range of control devices with standard and custom finishes, including infrared control plates, LCD touch screens and touch plates.

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Photo caption: Polaron's low cost Lightlink Pre-wire Kit allows developers to offer the option of high tech lighting, without incurring the up-front costs.

Notes to editors

Technical specifications of the Lightlink Pre-wire Kit:

Size: 620 mm high x 370 mm wide x 90 mm deep

Weight: 7 kg

Load rating per channel: 5 A @ 230V, 50Hz

Total number of channels: 8

Input cable size: 25 mm<sup>2</sup> max

Material: 1.2 mm mild steel with powder coated paintwork

For almost 30 years, Polaron Controls has been one of the leading manufacturers of architectural lighting control systems, traditionally operating on commercial projects. With the burgeoning interest in 'smart homes' the company is also focusing on the development of innovative products for residential lighting control.

Parent company Polaron Engineering is a privately held UK engineering group focusing on niche engineering markets. The group is expanding rapidly, with revenue increasing by 50 per cent over the last year.

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