

## M2 Concept Product Update

Since its launch in January 2008, the M2 Concept Automation range has expanded into a fully integrated Automation System incorporating Lighting, Power, Heating, Security and Automation and more recently the facility of AV connection.

### In this issue :-

- M2 Concept gets dedicated Product Engineer.
- New Channel Generator introduced
- Philips Pronto brings Audio / Visual to M2 Concept
- Paisley Piazza Shopping Centre goes live with M2 Concept



### New Product Engineer

With the continuing expansion of the M2 Concept product range and the increasing number of installations, we have now appointed a dedicated Product Engineer to assist customers when applying our automation system.

**Steven Hurton** has been with the company for 13 years and is able to advise C.E.F employees and their clients as to the best options for their particular application.

Steven can offer advice and support on all M2 Concept components as well as providing detailed customer quotes, in-house training and visiting clients on-site.

You can contact Steven by telephone on 01527 517117 or via email:

[stevenhurton@proteusswitchgear.co.uk](mailto:stevenhurton@proteusswitchgear.co.uk)

### CCG3 Channel Generator

A welcome addition to the M2 Concept system, this channel generator comes packed with new features.

- Multiple connection methods including USB, Ethernet and SD card reader.
- New Windows CE based operating system.
- Expandable with up to 4 extra 128 address modules.
- Completely new programming software with easy to use graphical interface.
- Connect to wireless router for access via Internet\*, wireless laptop or Philips Pronto.
- Increased versatility for lighting control including sequences and scenarios.
- Battery Backup connection as standard.

*\*Internet connection available soon via firmware upgrade web server software.*



### Philips Pronto TSU9600

State of the art touchscreen controller that interfaces with the M2 Channel Generator via WiFi. Control all your home automation and Audio/Video equipment from one panel!



The most recent addition to the M2 Concept range is the Philips Pronto. A market leading device in the AV industry, now offers control of your home automation system in the palm of your hand.

**Project -** The Piazza, Paisley  
**Contractor -** Pulse Electrical  
**Distributor -** CEF Paisley

### Introduction

Incorporating over 50 retail premises, **The Piazza** at Paisley houses many of the leading high street stores.

A new system to control the communal lighting within the centre was requested to replace the existing aged system.

Operating 7 days a week, speed of install and minimal downtime was key in making this transition as smooth as possible.



### Customer brief

Replace the existing aged lighting control system.

Control all 85 communal lighting circuits from one central location.

Utilise existing cable infrastructure.

Require an 'Out of the Box' system with minimal customisation to avoid future maintenance issues.

Incorporate remote slave relay units.

Minimal disruption to day-to-day running of shopping centre.

The master control unit also incorporated 20 LED illuminated switch modules to provide control to all 85 lighting circuits. Additional master functions were programmed to enable 'All On' and 'All Off' sequences, allowing all circuits to be switched on and off at the touch of one button.

The only cabling required for this unit was a 13A supply and a 2 wire Bus cable out to the remote slave units.



**“an ‘Out of the Box’  
system that actually  
works first time.”**

The 7 slave units were situated in remote locations throughout the centre, each controlling a set of communal lighting circuits from Mall Downlights to Car Park Lighting. Existing power cables were connected to Din-rail mounted relay modules with the addition of the Bus cable from the master control unit.



Each unit was pre-assembled and programmed at our factory allowing the contractor to simply install and switch on.

The contractor commented that it was the only time an 'Out of the Box' system "actually worked first time".