

# Vitesse Plus

Hardwired Lighting Control System





## Flexibility, Reliability and Simplicity at Your Fingertips

CP Electronics design and manufacture energy saving devices, from standalone detectors to fully integrated control systems. We now bring you the next step in the evolution of energy control – Vitesse Plus Hardwired.

### Time-saving features

Vitesse Plus Hardwired is a range of lighting control systems (LCMs) specifically designed to make commissioning fast, simple and effective.

At its heart, Vitesse Plus Hardwired is a 6 channel LCM with dimming and switching capabilities via powerful pre-designed configurations. It is perfect for a wide range of commercial and public applications.

Being hardwired, Vitesse Plus is especially suited where cabling is restricted to conduit, is concealed or inaccessible due to lack of false ceiling space.

**Controlling any light source, any building, any space.**

## The perfect choice for a wide range of applications



Vitesse Plus offers a wide range of built-in features to meet the needs of a variety of building spaces.



### Schools

- Switching and dimming of luminaires in the classroom to ensure whiteboard visibility while balancing classroom illuminance.
- Graduated daylight dimming dims luminaires progressively to work with natural light to reduce costs.



### Amenity Centres

- Occupancy dimming reduces light levels once an area is unoccupied to provide maximum energy savings, safety and security.
- Combine with daylight-linked dimming for further savings.
- Manual switch override that meets space usage requirements.



### Leisure Centres

- Long range detectors for high level presence detection in sports halls, etc.
- Master-on switch turns on all the luminaires connected to an LCM regardless of channel or input arrangement for safety and convenience.
- SELV inputs provides low voltage switching to ensure safety and compliance.



### Retrofit Offices

- Presence detection and daylight harvesting gives increased energy savings, and adds to the required standards of energy efficient buildings.
- Scene selection allows the recall of pre-programmed lighting levels to suit different uses within an office space.



### Industrial

- Multi-channel flexibility allows control of adjacent use areas e.g. storage room and manufacturing.
- Combine with daylight-linked dimming for further savings.



### Hotels

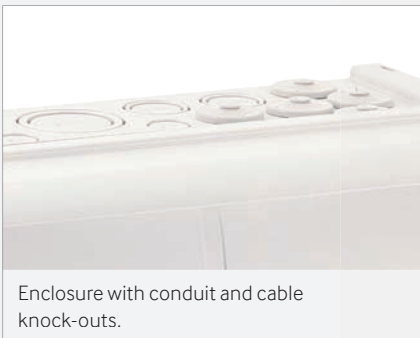
- Step down illuminance prevents complete switch off in circulation spaces (unless natural daylight is available). This provides safety and security for guests.
- Easy scene setting and recall for ballrooms and conference areas.

# Simple to install, easy to connect

Vitesse Plus has been designed with the installer in mind and provides easy installation options for all mounting locations.



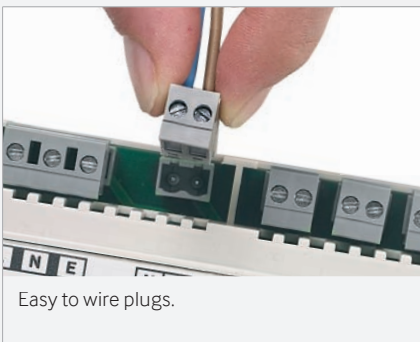
The compact installer-friendly housing is IP65 rated.



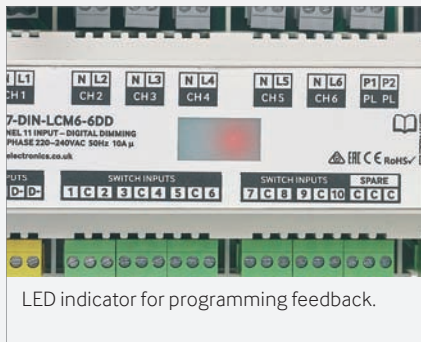
Enclosure with conduit and cable knock-outs.



Wiring aid built-in.



Easy to wire plugs.



LED indicator for programming feedback.



Also available without enclosure for DIN rail mounting into alternative enclosures.

# Built-in pre-set configurations keeps commissioning to a minimum



The Vitesse Plus range with its unique built-in preset configurations provides simple commissioning and maximum flexibility.

### Match pre-sets to your application

We have developed a collection of pre-set lighting control schemes which suit a wide range of requirements. Simply match your application to one of our pre-sets and activate using our programming handset.

Alternatively, you can customise elements individually to achieve a bespoke configuration.

A sophisticated, 6-channel lighting control system like Vitesse Plus offers a wide choice of configurations, making it fully adaptable to the building space.



## VITP7 | Hardwired Lighting Control Modules



VITP7-HW-LCM6-6DD



VITP7-DIN-LCM6-6DD

Vitesse Plus Hardwired LCM  
in IP65 enclosure

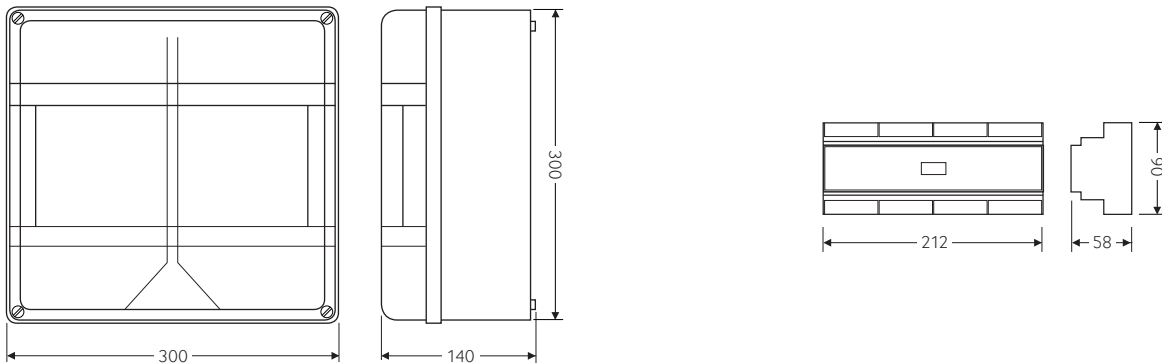
Vitesse Plus Hardwired LCM  
for DIN rail mounting

### Key Features

- 6 channels
- 4 presence detector inputs
- SELV switching inputs
- DALI or DSI dimming
- Graduated dimming
- Scene setting
- Absence recovery
- IR programming
- Over 80 industry popular pre-set programmes
- Open port programming
- IP65\*
- Built-in wiring aid\*
- Multiple cable gland knockouts on 4 sides\*
- VFC contact for corridor hold\*\*.

\* VITP7-HW-LCM \*\* Subject to electrical load constraints

### Dimensions



Order Code	Description
VITP7-HW-LCM6-6DD	Hardwired LCM, 6 x switching and DALI/DSI digital dimming channels housed in IP65 enclosure
VITP7-DIN-LCM6-6DD	Hardwired LCM, 6 x switching and DALI/DSI digital dimming channels for DIN rail mount

## Presence Detectors

These include daylight and remote hand-held programming and dimming functions. All variants come with RJ45 socket ready for plug and socket cabling.

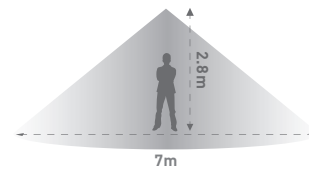
high < sensitivity > low



VITP7-EBDSPIR

Compact flush mounted, PIR presence detector

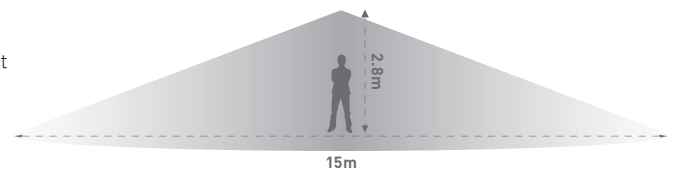
- 76 dia x 69mm depth, 64mm dia cut-out
- RJ45 connection
- Can be flush or surface mounted.



VITP7-EBDMR

Mid range, flush mounted, PIR presence detector

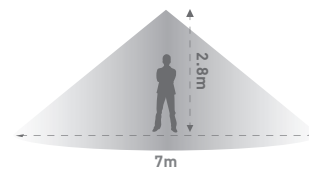
- 76 dia x 65mm depth, 64mm dia cut-out
- Dome lens for wider coverage
- RJ45 connection
- Can be flush or surface mounted.



VITP7-MINPIR

Miniature PIR presence detector

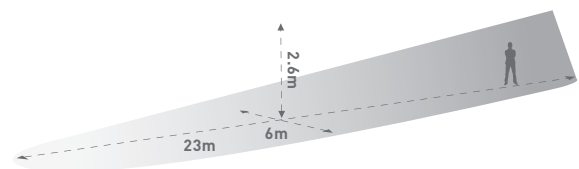
- 28 dia x 30mm depth
- Small and unobtrusive design
- RJ45 connection – supplied with 300mm lead
- Multiple mounting options included.



VITP7-MWS3A

Adjustable head, long range, flush mounted, microwave presence detector

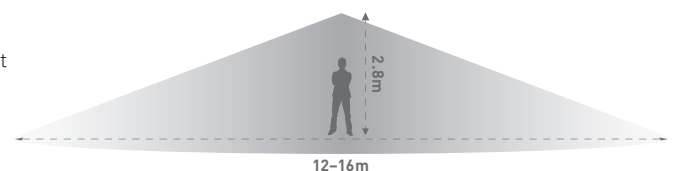
- 86 dia x 92mm depth, 74mm dia cut-out
- Adjustable detection sensitivity
- RJ45 connection
- Ideal for corridors or corner mounted applications.



VITP7-MWS6

Compact, flush mounted, microwave presence detector

- 76 dia x 69mm depth, 64mm dia cut-out
- Adjustable detection sensitivity
- RJ45 connection
- Can be flush or surface mounted.



## Scene Control Plate and Configuration Handset

### VITP7-4SC

When used in conjunction with suitable dimming luminaires, different lighting scenes can be set for applications such as conference halls and AV projection rooms.



### UNLCDHS

Professional commissioning LCD programming handset.



## Services and Support

CP Electronics offer an unrivalled level of technical support to our customers during specification, installation, commissioning and maintenance. You will benefit from:

- Experienced engineers with a broad knowledge of specifier, contractor and client requirements.
- Telephone and on-site support as necessary.
- Downloadable product user guides and Tech-Reel Videos  
[www.cpelectronics.co.uk/product-guides](http://www.cpelectronics.co.uk/product-guides)



## Legrand UK & Ireland

Legrand is the global specialist in electrical and digital building infrastructures, with facilities in almost 90 countries and products sold in nearly 180 countries around the world.

Legrand has been manufacturing in the UK since 1980 and today has three main competencies, namely electronic,

electrical and mechanical. Around 85% of products sold by the UK subsidiaries are manufactured within the UK.

The UK company is organised into the following specialist business units: Assisted Living and Healthcare, Cable Management, Data Centres, Energy Controls, Power Distribution and Wiring Devices.

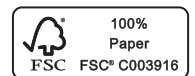
CP Electronics became part of the newly created Energy Controls business unit in 2016.

To find out more about Legrand UK and Ireland, visit: [www.legrand.co.uk](http://www.legrand.co.uk)



## Energy Efficiency in Buildings

This product forms part of a wide range of devices to enable Energy Efficiency in Buildings – A structured and holistic approach to reducing the carbon footprint and increasing sustainability of businesses.



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Designs and specifications are subject to change without notice.

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