



Vitesse Plus Lighting Control Module (LCM)

Pluggable 7 Channel LCM DALI/DSI Dimming

The new Vitesse Plus range from leading UK energy saving lighting controls manufacturer CP Electronics is our most flexible and intuitive standalone lighting control system to date.

For easy installation and wiring

Ease of installation – Four M6 keyways allow you to fix to the slab in the ceiling void, or channel nut fixings for rod suspension or fixing to a cable basket.

Simple wiring and connectivity – There is a spacious wiring compartment with rear or side entry cable knock outs for connecting mains and switch inputs. With 12, 6-pole pluggable outputs grouped over 7 channels, Vitesse Plus offers the perfect solution to most commercial, retail and education applications.

Graduated dimming functionality – The lighting within a space dims progressively from the source of natural illuminance in response to changes in natural light levels. This maximises the use of daylight within a space and minimises energy consumption and over lighting of the space.

Absence recovery – After an occupancy time out period has elapsed in absence mode, the unit temporarily enters a presence mode for 10 seconds allowing the occupants movement to bring the lights back on.

Switch detection time – This ensures that if a switch is activated and no movement is detected the lights will switch off after 10 seconds, minimising unnecessary lit space.

Interface flexibility

Four RJ45 inputs allow you to connect detectors and scene plates. The LCM has 18 SELV connections which allows for the connection of up to 5 centre biased retractive switches and one keyswitch for ELT.

A full range of presence detectors are available including mid-range and long range microwave detectors and both flush mount and mini PIRs. There is also a range of mounting accessories for detectors.

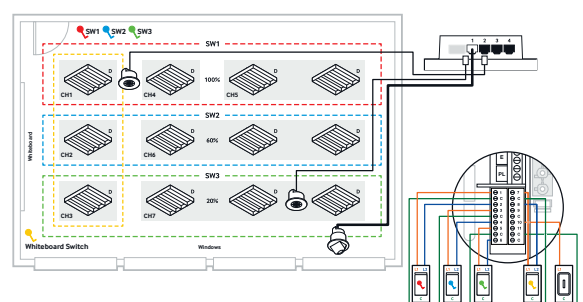
Scene plates are available in a white or brushed stainless steel finish.

Corridor hold is available by simply linking LCMs together using a 2 core cable and connecting to the dedicated corridor hold terminals no area controllers or networking is required.

Key features

- 12 outputs
- 7 channels
- SELV switching
- DALI or DSI dimming
- Graduated dimming
- Scene setting
- Absence Recovery
- Manufactured in flame retardant material
- Manufactured in the UK
- 5 year warranty included

Example of pre-set config schematic



Complete pre-set configuration booklet available online

Intuitive programming process

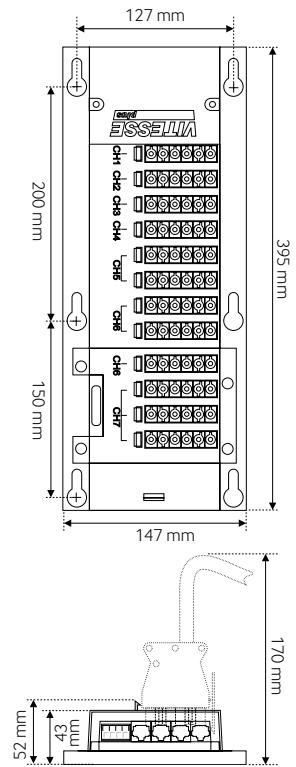
1. Using our UNLCDHS professional commissioning LCM programming handset, simply confirm your application requirements using our online library of application drawings – this also notes a config number.
2. The config number is then selected in the Vitesse Plus menu in the UNLCDHS and then sent to the LCM.
3. You then set LUX and time out in the detector and that's it, you're done.
4. The system also has the ability to program an LCM preset through the connected detector.

This is useful when access to an LCM is difficult or restricted.

Please note that certain applications may require on site commissioning.

Please consult our technical department for details on **+44(0)333 900 0671**

or email **techoffice@cpelectronics.co.uk**



Technical Specification for VITP7-MB/VITP7-MB-DD

Supply Voltage	220–240VAC	Temperature range	-10°C to 35°C
Frequency	50Hz	Humidity	5 to 95% non-condensing
Relay rating	Switched live 10A Switched permanent live 6A	Material (casing)	Flame retardant ABS and PC/ABS
Terminal Capacity	Mains – 4mm ² in wiring compartment Switched inputs – 1.5mm ² in wiring	Insulation	Class II
Load per LCM	10A	Purpose	Operating control
Max Load per Channel	6A Subject to maximum LCM limit of 10A 6A fluorescent and incandescent lighting 3A compact fluorescent lighting 3A low energy lighting 3A low voltage lighting (switch primary of transformer) 3A fans and ventilation equipment Switch SON lighting loads via a contactor	Construction	Independently mounted control for surface mounting
Dimming	Maximum of 50 per LCM, subject to maximum 10A LCM limit: 100m using 0.5mm ² wire 150m using 1.00mm ² wire 300m using 1.5mm ² wire	Type of action	Type 1.B action micro disconnection
		Software class	Class A
		Pollution	Degree 2
		Compliance	EMC-2004/108/EC LVD-2006/95/EC
		Weight	1.00kg

Order Codes

Vitesse Plus LCM	VITP7-MB-DD	Lighting control module – DSI and DALI version combined
	VITP7-MB	Lighting control module with switched output
Detectors	VITP7-EBDSPIR	Vitesse Plus ceiling mounted PIR presence/absence detector
	VITP7-MINPIR	Vitesse Plus miniature ceiling mounted PIR presence/absence detector
	VITP7-MWS3A	Vitesse Plus adjustable head microwave PIR presence/absence detector
	VITP7-MWS6	Vitesse Plus low profile microwave PIR presence/absence detector
Scene plate	VITP7-4SC-W	Scene plate with white cover
	VITP7-4SC-SS	Scene plate with stainless steel cover
Handsets	UNLCDHS	Professional Commissioning LCM Handset (required to program LCM)
Accessories	EBDBB	Surface mount box for use with VITP7-MWS6 and VITP7-EBDSPIR
	MWS3A-DBB-WBKRT	Wall mounting bracket for MWS3A series

	Brent Crescent, London NW10 7XR, UK t. +44 (0)333 900 0671 info@cpelectronics.co.uk	IMPORTANT NOTICE: Due to our policy of continual product improvement CP Electronics reserves the right to alter the specification of this product without prior notice.	 energy services and technology association
	www.cpelectronics.co.uk		