

# MLS Digital - Networked Managed Lighting System

# **Digital Mid Range Detector**

Digital Mid Range offers high performance directional presence detection for the control of luminaires with DSI or DALI high frequency ballasts and other lighting loads.

With a range of up to 20m which can be adjusted to suit any application, it is ideal for larger classrooms, conference rooms, storage aisles etc. Digital Mid Range incorporates relay and digital dimming outputs and is available for semiflush or surface mounting.

Versions enabled for EnOcean wireless switching are available for those applications requiring manual control options.



Active presence detection by microwave technology.

Passive photocell holds lights off in bright ambient conditions. Active photocell has the capability to switch lights off in occupied areas.



Regulating photocell actively monitors ambient light levels and adjusts the light output accordingly (dimmable control gear only).



Incorporates simple scene-setting - up to six scenes can be set via user remote.



Off delay - period following the last observed movement after which the lights switch off.



Detection pattern and range in metres under normal operating conditions.



Dual circuit control. Digital output always influenced by photocell, relay output can be influenced by photocell if configured.



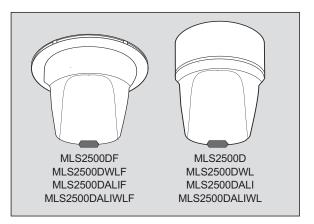
Hand-held Controllers provide local user override.



Remote programming with the HP2000 (operates at 5m range) ensures changes can be easily accommodated.



OneSwitch Dimming (WL suffix part numbers only). Manual input to adjust light level or turn luminaires on or off via MK EnOcean wireless switches which should be ordered separately.



# Scene-setting

Users can set up to six lighting scenes by infrared remote control (HC5) and recall them with the single press of a button.

# Entry and Exit Scenes

The entry scene is automatically selected when the area becomes occupied. Similarly, there is an option to select an Exit Scene for when an area is vacated.

# **Ballast Compatibility**

Digital Mid Range is available for fixed-output high-frequency ballasts and dimmable DSI and DALI ballasts.

# **Dual Output**

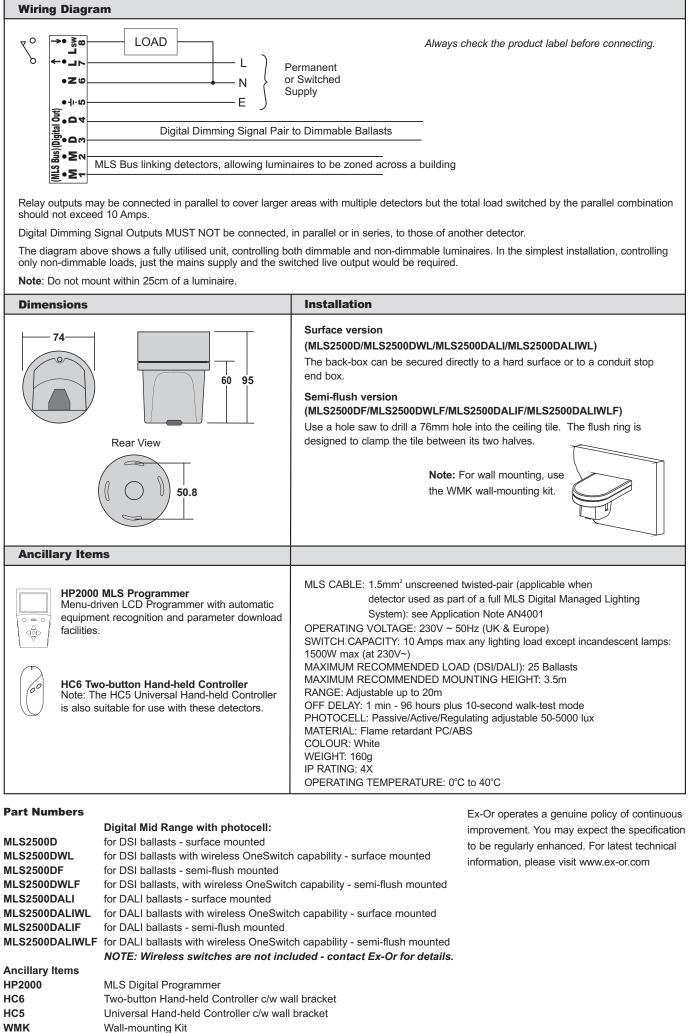
Manual control of digital and relay outputs with OneSwitch dimming or hand-held controller.

# **Commissioning and Programmable Parameters**

Operation is determined by how the unit is commissioned. Commissioning and re-commissioning are carried out using a menu-driven, infrared remote programmer (HP2000) with virtually no disturbance to the building's occupants. As the programmer has a range of 5 metres, ladders or platforms are seldom required.

The association of wireless switches with the OneSwitch function should be carried out at installation time; this requires access to the unit.

Please check www.ex-or.com to ensure this is the most recent issue - Ref: D4078D



MRFK Semi-flush Mounting Kit