MLS Digital - Networked Managed Lighting System
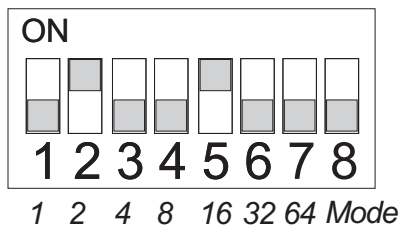
MLS Digital Local Control Plate

The MLSLCP4 Local Control Plate is designed to operate as part of an MLS Digital installation. This device sends messages to other equipment that is actually in control of the lights. It provides simple, manual control over a group of light fittings programmed to the same zone address, allowing the end-user to select one of three pre-set scenes, to dim, brighten or switch off the lighting as required.

The MLSLCP4 connects directly to the MLS bus via the terminals located on its reverse and consumes two 'nodes' on the MLS bus (max 200 when used with an RB2000 Bus Power Supply Unit; max 100 when used with an RB2000LT Bus Power Supply 'Lite').

Zone Setting

The MLSLCP4 will control the lights programmed to its own zone only. This zone is set via an 8-way dil switch on the reverse of the unit (as shown in the diagram below).

MLSLCP4 MK2

```
ON
 ┌─────────────────────────┐
 │ ▆ │   │ ▆ │ ▆ │   │ ▆ │ ▆ │ ▆ │
 │   │ ▆ │   │   │ ▆ │   │   │   │
 └─────────────────────────┘
  1  2  3  4  5  6  7  8
  1  2   4  8  16 32 64 Mode
```

Each switch has a value - 1, 2, 4, 8, 16, 32 and 64 (the Mode switch should be left OFF). Adding together the value of switches 1-7 that are set to 'ON' sets a zone number for the control plate. The above example shows values of 2 and 16 set to 'ON' and therefore denotes Zone 18.

Operation

Buttons numbered 1 to 3 correspond to individual pre-set scenes. Manual control of Brightness is initiated by a long press on Button 2 (brighten) or Button 3 (dim). To facilitate minor adjustments of the light level, the MLSLCP4 remains in manual mode for a few seconds, allowing momentary presses of the dimming buttons. The buttons revert to scene-selecting mode after the short time out.

Technical Data

OPERATING VOLTAGE: Powered from the MLS Bus (not SELV). *The chassis of this device must be Earthed.*

AMBIENT TEMPERATURE RANGE: 0 - 50°C

DEPTH REQUIRED BEHIND WALL: 35mm

WEIGHT: 150g

DIMENSIONS: 86 x 86 x 30mm

Please note that fascias must be ordered separately using the following part codes:

MSS182BSS - Brushed stainless steel

MSS182WHI - White

MSS182PBR - Polished Brass

MSS182POC - Polished Chrome

Please check www.ex-or.com to ensure this is the most recent issue - Ref: D4073D