SLM-C - CLUB SHIFT LIGHT MODULE

The SLM-C Club Shift Light Module is a compact LED array for use as a 3-stage shift light and warning light.

Keeping the configuration simple and easy to use, it displays a pre-defined shift light pattern and designated warning lights. The intensity of the LEDs can be controlled to suit driver preferences and the warning light parameters are user-defined.

The SLM-C is configured and controlled using a MoTeC ECU or Display/Logger. Compatible devices provide special programming functions for the SLM-C.

▶ FEATURES

- Connects via CAN
- Adjustable brightness
- Various mounting options
- Manufactured to withstand harsh environments (IP66)

A programmable SLM (#18120) is also available, providing extensive flexibility with fully adjustable colours and patterns.

▶ SPECIFICATIONS

Display

- 8 fixed colour LEDs

Physical

- Case size 81.2 x 19.0 x 16.0 mm
- 1 x 4 pin DTM connector, flying lead.
- Wire lead can be flexed to exit horizontally or vertically flush with the back edge of the case.
- Fastened using standard mounting holes on the base. Optionally, the two screws securing the back cover can be removed and used to mount the device from the rear.

Communications

- 1 x CAN

➜ Important: The SLM-C is wired onto the CAN-bus. Please ensure the CAN-bus has a terminating resistor of at least 100Ω.

Detailed CAN-bus wiring instructions can be found in ECU and Display/Logger manuals, available from *www.motec.com.au/downloads*

▶ COMPATIBILITY

- MoTeC ECUs: M1 Series, M400, M600, M800, M880, M84
- MoTeC Displays/Loggers: All

▶ CONFIGURATION

The SLM-C has no standalone software. It is configured using the SLM function in the Manager Software of the controlling device (Display/Logger or ECU).

For example: Use C125 Dash Manager if the SLM-C is controlled by the C125 Display/Logger.

M1 ECU Control

To configure an SLM-C when controlled by an M1 ECU, refer to the Technical Note (#CTN0030), available from *www.motec.com.au/downloads*.

Hundred Series/M84 ECU Control

Using the MoTeC ECU Manager software, from the *Adjust* menu click *General Setup > Communications > SLM*:

- Click *Setup* to adjust *Driver Warnings, Intensity, Filter* and *Hysteresis*. Information on each setting will be given on the screen.

- Click *Shift Table* to set the colour for each light. Press F1 for information on setting colours.

⚠️ The configured light pattern must match the SLM-C pattern for the SLM-C to function.

Display/Logger Control

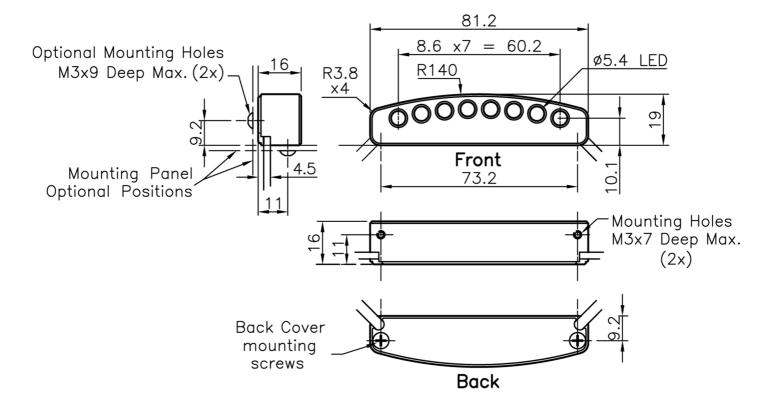The Dash Manager software has control options similar to the ECU software.

Using the relevant MoTeC Dash Manager software, from the *Functions* menu click *Shift Light Module...>Device* drop-down to select the SLM-C. If your Dash Manager version does not have dedicated SLM-C settings, configure as an SLM with the pre-defined pattern only. Press F1 for extensive information on all available settings.

⚠️ Incorrect patterns will cause the SLM-C to display all lights in yellow only.

▶ DIMENSIONS AND MOUNTING

All dimensions in mm.

▶ PINOUT

Connector: DTM 4 Pin (M)		
Mating connector: DTM 4 Pin (F) #68054		
Pin No	Colour	Description
1	Black	Ground (Battery -)
2	Green	CAN Low
3	White	CAN High
4	Red	+ 12 V (Battery +)