

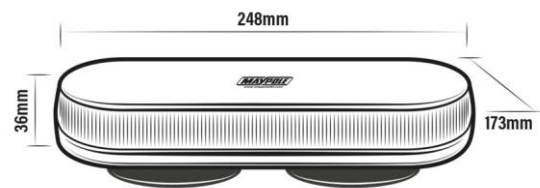
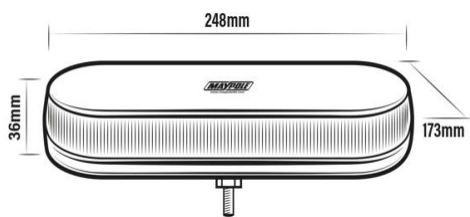
12/24VDC R10 & R65 compliant LED lightbars
Installation guide and user instructions



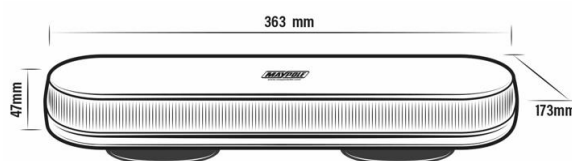
This document relates to three versions of lightbar:

MP4095 - 248mm Mini LED light bar (single bolt)

MP4096 - 248mm Mini LED light bar (magnetic mount)



MP4098 - 363mm Midi LED light bar (magnetic mount)



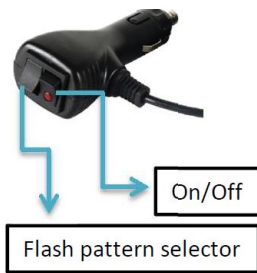
WARNING!

To prevent electrical shock, ensure that vehicle power is turned off before commencing installation. Do not look directly into the lamp.

Connection

Models MP4096 & MP4098 – magnetic mount

Connect the product to your vehicle's cigar/accessory socket.



Models MP4095 – bolt mount

Carefully consider the location of any new holes before drilling. It is important to take precautions to prevent potential damage to any vehicle components.

Identify a suitable area on the roof of the vehicle to mount the device, ensuring the underside of the roof is free of obstructions such as pipes or cables. Mark and drill through the roof using a drill bit appropriate for fixings. The use of rust inhibitor on exposed metal surfaces is recommended. Secure the unit to the roof using the fixings provided and route the cable into an IP rated junction box and onwards to a suitable dashboard mounted switch (not supplied.)

Cable core colour and corresponding function:

- Red + 12/24V DC
- Black 0V (earth)
- Yellow Flash pattern selection
- White Synchronisation of flash pattern
- Grey Low Power - constantly connect to red wire for low power (50% intensity).

Selecting flash pattern

Models MP4095 – bolt mount

The desired flash mode can be selected by energising the device and connecting the yellow core to the red core.

Connection of yellow core to red core for less than one second will result in the device advancing to the next pattern, connection for 1-3 seconds will result in the device selecting the previous flash pattern. The unit will memorise chosen pattern when power supply is lost. Once pattern is selected the yellow core can be insulated and secured.

Models MP4096 & MP4098 – magnetic mount

Pressing the momentary switch on the rear of the cigar/accessory plug will allow the unit to cycle through flash patterns in turn.

The unit will memorise chosen pattern when power supply is lost.

Flash Patterns

| | | | |
|----|-------------------|----|------------------------------|
| 1 | Single | 14 | CW rotation * |
| 2 | Single/ slow | 15 | CCW rotation ** |
| 3 | Double | 16 | CW constant flash * |
| 4 | Triple | 17 | CCW constant flash ** |
| 5 | Quad | 18 | CW single * |
| 6 | Octa | 19 | CCW single ** |
| 7 | Twelve | 20 | CW*-CCW** constant flash |
| 8 | Half/ half - Octa | 21 | Double rotation |
| 9 | Cross - Octa | 22 | All quick/ half quad |
| 10 | One – One single | 23 | All quick/ single/ fast quad |
| 11 | One – One octa | 24 | Left steady/ right single |
| 12 | CW triple * | 25 | Right steady/ left single |
| 13 | CCW triple ** | 26 | Steady on |

*= Clockwise

**= Counter Clockwise

Synchronised flash sequence across multiple units (MP4095 only)

When installing multiple units of the same type, the flash sequence can be synchronised. Before the synchronisation process can be initiated, the same flash pattern must be selected on all units as detailed above. To synchronise units, connect all white wires together.

If you are unsure about any of the methods of installation or connection described above we recommend that the services of an auto electrician is sought.

Declaration

This apparatus meets the requirements of ECE regulation E9 10R-06.23528, TA2-E9-00.6943, TA2-E9-00.6945.



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