



Self-contained LED Strobe

USER MANUAL V1.0

April 2020

Part #: MM030

www.microavionics.com

This strobe is for ultralight and PPG use. It is simple in design without any remote-control boxes. To install, you need to wire to your power source. Typically, the power source will be a 12-volt battery, as used in many Ultralights and PPG, but will work from 9-20 VDC. You can buy 12 volt battery packs from eBay if your aircraft has no power supply.

We supply some fixings, but you may want to purchase our optional stainless brackets.

Install:

1. Securely fasten the strobe to a bracket using the underside M5 threaded fixing, or bolt direct to your aircraft (if allowed). You should use thread locking or a good quality washer. You should also install a backup strap, should the fixing or bracket fail.
2. Connect the Black strobe wire to battery negative or the negative BUSBAR of the aircraft. Connect the red wire to a fused and switched positive supply.

Input Voltage: 9-20 Volts DC

Power Consumption: 0.3 Amp

Peak current 4.16 Amp at 12 Volt DC

Flash Rate per minute: 42 triple and single bursts per minute.

Fuse rating: 2 Amp (supplied with 32mm glass fuse), if connecting to 13 volts or more, then 5 amp.

If you are using Lithium Polymer battery, then you should mount this in a safe secure place with a fireproof jacket. There are many types of battery that can be used, and we can advise if more help is required. There are various other batteries like LiFE, or sealed battery packs.

In all cases, you must follow the rules and regulations of the country that you fly within. Some countries require permit application before use. This strobe can be seen in excess of 4NM.