



## INSTALLATION SHEET EM599 - HEADLIGHT FLASHER

### INTRODUCTION

The EM599 unit is designed to **ALTERNATELY** flash headlights on a vehicle. Available in 12V or 24v.

### INSTALLING THE EM599

#### 1. Mounting

The EM599 Headlight Flasher can be mounted to any flat surface with 3 heavy duty screws in a dry location.

#### 2. Electrical connections

Note: We recommend using appropriate connectors to attach to the spades on the unit. Cable colours on the Diagrams are for identification purposes only. We also recommend that a trained electrician fits the unit as to not invalidate warranty by incorrectly fitting.

**3.** For Left Headlight, simply splice into the **Main Beam** and link one side to L H/L IN and one side to L H/L OUT (BULB), repeat this for R H/L IN / OUT.

**4.** Inhibit – If required, splice into the **low beam cable**, this will mean that at night time, the EM599 will be inactive as to not dazzle other drivers (+ve polarity).

**5.** Attach Power cable (+12v / +24v) via a 20amp FUSE.

**6.** Connect Ground

#### 7. FLASH SPEED

The Flash speed can be altered by changing the black switch location in side the EM599 within the following sequences:

DIPSWITCH	OFF	ON
1	Slow Flash: 45 flashes per minute	Fast Flash: 90 flashes per minute
2	Single Flash on each side	Double Flash on each side
3	N/A	Single / Double flash - Switch 2 must be 'ON'
4	N/A	N/A

SUMMARY	Sequence
Slow single flash alternating: 45 flashes per minute	LEFT-RIGHT-LEFT-RIGHT
Fast single flash alternating: 75 flashes per minute	LEFT-RIGHT-LEFT-RIGHT
Slow double flash alternating: 90 flashes per minute	LEFT-LEFT-RIGHT-RIGHT-LEFT-LEFT
Fast double flash alternating: 150 flashes per minute	LEFT-LEFT-RIGHT-RIGHT-LEFT-LEFT
Slow multiflash: 135 flashes per minute	LEFT-RIGHT-RIGHT-LEFT-LEFT-RIGHT-LEFT-LEFT
Fast multiflash: 225 flashes per minute	LEFT-RIGHT-RIGHT-LEFT-LEFT-RIGHT-LEFT-LEFT

The Headlight Flasher should now work correctly, if you are having problems, please call **REDTRONIC** for assistance.

