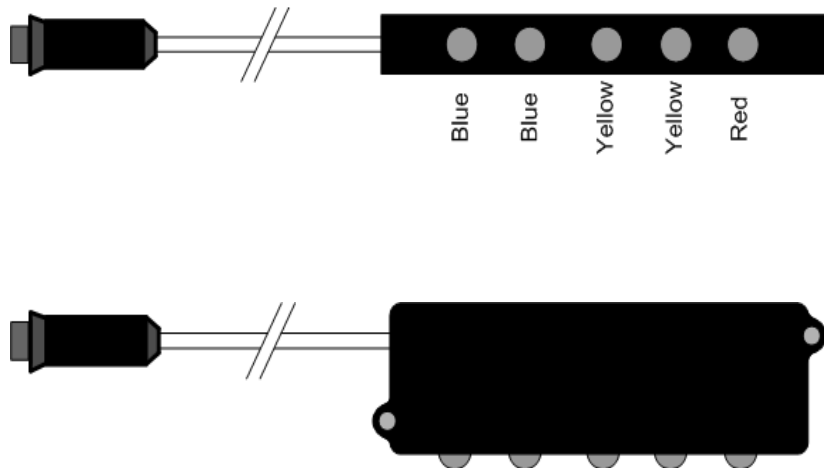


## LB5

### FOR GEAR-SHIFTING

### LEDs BAR FULLY SOFTWARE PROGRAMMABLE

### CAN BUS CONNECTION



### Introduction

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LB5 is an easy-to-use and low cost device for gear-shift on high performances racing car or motorbike.

5 LEDs with different colours can be easily software programmed for a custom application.

At each LED is corresponding one ENGINE REVOLUTION for each gear available.

LED intensity is software programmable.

ENGINE REV hysteresis is software programmable.

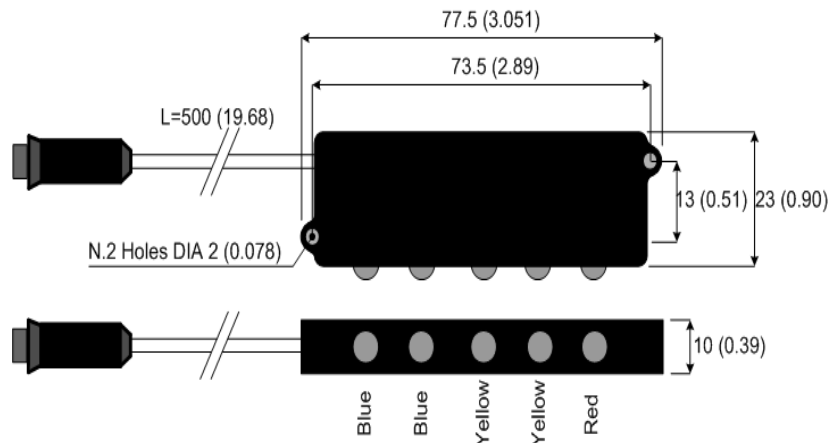
The GEAR and ENGINE REV data are received directly from the ECU through CAN BUS.

A programming Kit is available.

## Specifications

- N.2 high efficiency blu LEDs
- N.2 high efficiency yellow LEDs
- N.1 high efficiency red LED
- N°1 Programmable CAN BUS port (max 1Mbit/sec CAN 2.0 PartA&B)
- CAN Extended Message ID supported
- Power Supply 8-18 Volt DC
- N° 1 RS232 Serial Port for Programming
- PC Software working under Microsoft® Windows® 2000/NT/XP
- Black Anodized Alluminium Case
- Environmental IP67
- -20° to 70° operating temperature
- Dimensions of 77.5x23x10mm
- Weight 35gr.

## Dimensions



Dimensions are in millimetres and (inches)

## Connector Information

Connector HIROSE HR30-6JA-6P  
Mating Connector HIROSE HR30-6PA-6S

PIN	FUNCTION
1	Battery Voltage
2	Battery Ground
3	CAN H
4	CAN L
5	RS232 TX
6	RS232 RX

## Specifications

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DESCRIPTION	VALUE
Supply Voltage	8 to 18Volt DC
Supply Current	100mA@12Volt DC
Operating Temperature Range	- 20 to +70°C (-4 to +158°F)
Storage Temperature Range	- 40 to +85°C (-40 to +185°F)
Weight	35gr. (1.3 ounces)
Environmental	IP67

## Ordering Information

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DESCRIPTION	PART NUMBER
LB5 LED Unit	M 602 xxx 001 001
LB5 Programming Kit	K 602 xxx 001 001

## MAHTechS Contact

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