



# GAMMATRONIX

## 5mm LED 12v Battery level / Charge monitor indicator- K

### Specification



- Small mounting footprint using 5mm LED.
- Uses same measurement system as our most popular 'E' 10mm unit, but in a compact 5mm package.
- Works with all Lead acid, fibre mat or gel cells, and all other batteries that operate within the set ranges.
- Protects and warns against Undercharging, Overcharging, and 'flat' batteries.
- 12v DC operation at 5mA or less consumption.
- TWO operating ranges via 'yellow wire.'
- Tri colour (Red, Green, Yellow) 5mm LED with separate optional bezel.
- Mounts in 6.5mm hole with bezel, or 5mm without (using your own mounting system).
- Approx. 20mm behind control panel when mounted, and pcb can be flexed through 90 degrees to further reduce depth.
- Unit will operate down to 3.7v and up to 16v.
- Multiple oversampling - unit takes 10+ readings to obtain greatest accuracy.
- Built in hysteresis to prevent 'strobing LED' when unit is at changeover point.
- Supplied with fitted connection leads.
- Comprehensive fitting instructions.

### Programming Ranges

Charging Mode (Yellow wire cut)						Level Indicator Mode (Yellow wire intact)						
Red /Grn Flash	Grn	Yell	Yell Flash	Red	Red Flash	Grn	Yell	Yell Flash	Yell Fast Flash	Red	Red Flash	Red Fast Flash
>15.2v	13.2v	11.8v	11.5v	11.2v	<11.2v	12.1v	11.8v	11.5v	11.2v	11.0v	10.7v	<10.7v

The tri-colour LED will illuminate in different colours, solid or flashing, selected by the yellow mode wire. One of two modes, as per the table below, show the state of your battery. "Charging Mode" increases the point at which the LED lights to 13.2v, which will only be attained if your alternator or charging device is supplying power to your battery.