



GAMMATRONIX

12v LED battery status monitor level meter Micropower D

Specification



- Microprocessor controlled.
- Just 49mm W x 24mm H x 16mm D (About the size of your thumb!). **SMALLEST 6 LED UNIT ON EBAY!**
- Splash-proof construction.
- Voltage: 12v (Max 16v). Accuracy to +/- 0.1v. Unit will operate down to less than 4v.
- Power Consumption: 'Micropower Mode' - Less than 400 millionths of an Amp in 'flashing' mode. Your battery will self-discharge long before the consumption of the battery monitor has a significant effect on it. Typical life on a 40Ah car battery at 500 millionths of an Amp usage is 80,000 hours (9 years!) Your battery will be long discharged on its own before this time! Leave a lead acid battery on its own for a few months and will be flat with no load whatsoever. Even more reason to monitor it with this neat device.
- Power Consumption: Less than 2mA in 'Alternate' mode.
- Alternative 'always on' mode with just 6mA consumption, selectable via yellow wire. An external (user supplied) switch or 'enable' at supply volts can be applied to this wire to swap modes 'on the fly'.
- Internally PTC fused (self-resetting) - don't risk your system wiring with an unfused unit!
- Reverse voltage protected. Try connecting it up backwards, you can't break it!
- Built-in input noise filtering / suppression.
- Surge clamped supply input - prevents 'spikes' from noisy electrical systems damaging the unit.
- Internal 'watchdog' makes sure the unit can never crash and is always reliable.
- RC integrated voltage measurement input.
- Multiple oversampling - unit takes 10+ readings to obtain greatest accuracy.
- Built in hysteresis to prevent 'bouncing LED' when unit is at changeover point.
- Display LEDs flash once per second to indicate current battery level.
- Clear and obvious display without coded multi-led flashing, which needs data sheet to understand! Your granny would know what this unit is telling you!
- Mode input allows lowest current operation (led flashes once per second at current level) or LED always on. Your choice!
- Supplied with comprehensive printed instruction sheet.

Programming Ranges

Version	3 rd green	2 nd green	1 st green	Yellow	Orange	Red	Red slow	Red fast
12v DC	12.5v	12.1v	11.8v	11.5v	11.2v	11v	10.7	10.5