

MPI ACC256 Micro Lighting System

KEY FEATURES:

- Four ultra bright micro LEDs,
- No separate battery required, just plug into a spare receiver slot using the installed Hitec/ JR connector,
- Adjustable flash rate and duration,
- Low current consumption,

SPECIFICATIONS:

- Voltage Range: 3.6V to 5.0 V
- Output Current: 100 milliamps per output
- Weight: .14oz, 4.0g(module only), add ~.09oz, 2.5g per LED
- Dimensions: .81" x .63" x 0.22", 20.6mm x 15.8mm x 5.9mm
- Flash Rate: adjustable
- Flash Duration: adjustable

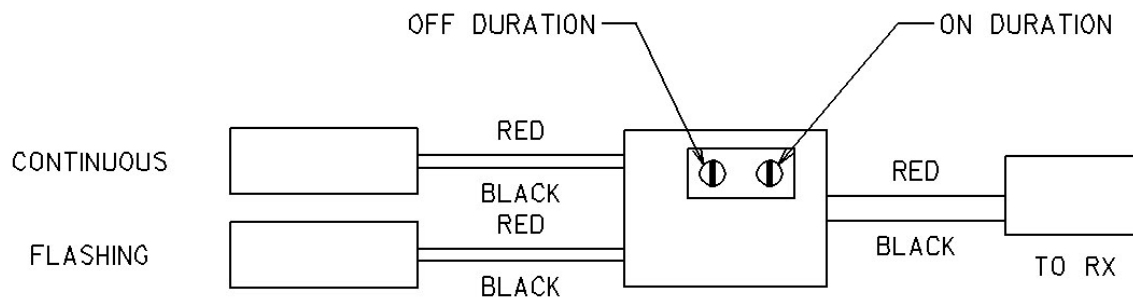
INSTALLATION:

- Up to four LEDs may be connected to each output. Use the supplied BEC type connector (MPI #2830) to connect the LEDs to the module. The black wire on the LED is negative and must be connected to the black wire of the BEC connector. The yellow wire is positive and must be connected to the red wire of the BEC connector.
Special note: Some LEDs come with white and brown wires where brown is positive and white is negative.
- LEDs can be mounted to the model with glue. Adding an extra shrink tubing over the wire would help with removal of the LED at a later time. Be careful not to obstruct the dome lens portion of the LED, as this is where the light is emitted. Also be careful of CA and other glues, which can fog during curing. The module can be mounted using double-sided foam tape.
- Plug the module into a spare channel of the receiver. The unit is made for use with 5.0V BEC voltage regulators found in most electronic speed controls for airplanes. Input voltage should not exceed 5.0V. Current draw is approximately 20 milliamps per LED. Take this into consideration for BEC load when selecting a speed control. If a battery is used to run the system, a 3-cell NiCd or NiMH pack is suitable, as is a single cell Lilon.
- The flash duration and rate can be adjusted by using the two potentiometers. Turning the corresponding potentiometer clockwise will shorten the duration of the on or off time.

SPARE LED SETS:

!!! Warning use with 3.6V LEDs only, use MPI parts for best results !!!

- Order these parts for replacement LEDs: ACC257W for white, ACC257B for blue, ACC257G for green, or ACC257R for red. These include two LED's per package.



Rev C 3/14/06

MAXX PRODUCTS INTERNATIONAL, INC.

815 OAKWOOD RD, UNIT D, LAKE ZURICH, IL 60047, USA
Phone: (847)438-2233 Fax: (847)438-2898 Website: www.maxxprod.com

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