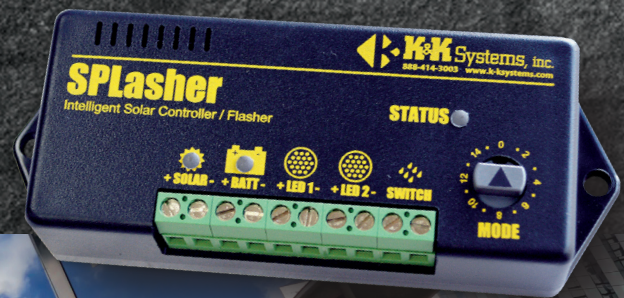




**K&K Systems, inc.**  
Traffic Safety Products Manufacturer

## **SPLASHER** **INTELLIGENT SOLAR CONTROLLER / FLASHER**

K&K Systems' SPLasher Beacon Controller is a compact all-in-one solar controller with maximum power point tracking, flasher, and auto-dimmer. Its compatible with all 24-7 solar Sign Alerts™ and beacons. It has a dry contact for any activation switches such as the high water level sensor, motion sensor, push button sensor, moisture sensor, or radar sensor. Mode settings allow for an adjustable flash rate from 90/10 to 50/50 and duration settings from 24/7 to 1 minute.



### **FEATURES**

- ▶ All-In-One Solar Controller, Flasher, and Auto-Dimmer
- ▶ Small compact design
- ▶ Maximum power point tracking (MPPT)- Extracts maximum power from the solar panel regardless of environment
- ▶ Multi-stage battery charger maximizes battery life
- ▶ Works with all 24/7 LED beacons and most specialty lights
- ▶ LED flasher outputs (x2)
- ▶ Microprocessor-based Smart Controller
- ▶ Duty Cycle adjustable between 10% and 50%
- ▶ OEM/Custom options available



# SPLASHER

## INTELLIGENT SOLAR CONTROLLER / FLASHER

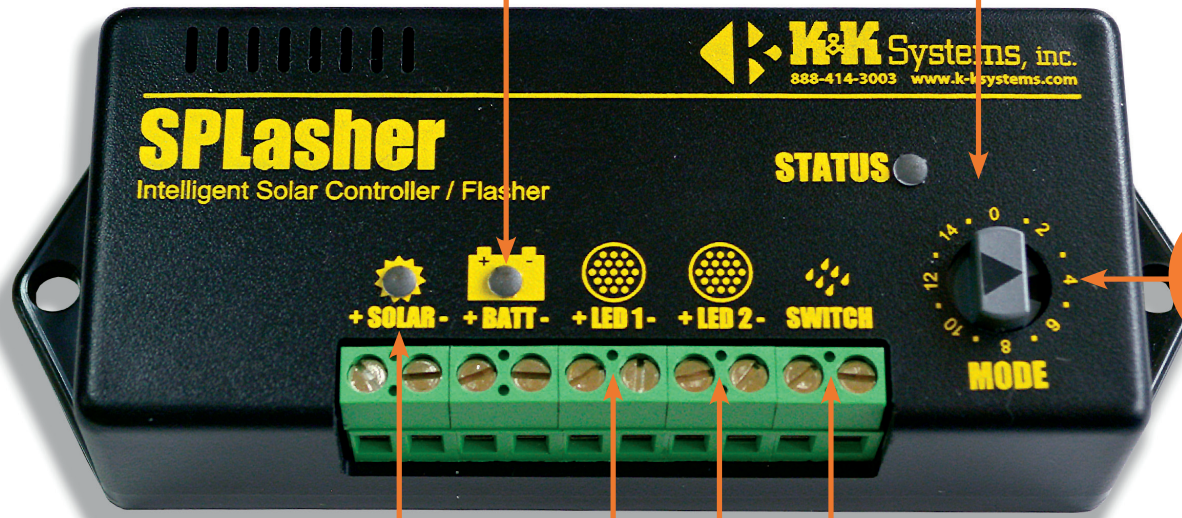


### Battery Light

Battery status light for safe accurate battery connections:  
Green = Good Connection

### Status Light

The status light blinks in sequence with the first output, letting you know the flasher is active and its flash rate.



Shows Setting Mode 4: 90/10 Flash Mode 24/7 flasher

### Solar Light

Solar controller status indicator shows when battery is being charged:  
Green = Full Charge  
Yellow = Charging

### Load

12V LED/DC Flasher outputs/switches (x2).  
Maximum load 50W per output.

### Switch

Switch/Dry-Contact:  
Optional activation  
• Moisture Sensor  
• Push Button  
• Water Level Sensor  
• Motion Sensor  
• Over speed Sensor

### Mode Switch

#### Beacon Modes

- 0: LED1 - 50/50; LED2 - 50/50; ON 24/7
- 1: LED1 - 50/50; LED2 - 50/50; Switched 1 minute
- 2: LED1 - 50/50; LED2 - ON; Switched 1 second  
(LED2 Always ON to power radar)
- 3: LED1 - 50/50; LED2 - 50/50; Switched 1 second

#### Sign Alert Modes

- 4: LED1 - 90/10; LED2 - 90/10; ON 24/7
- 5: LED1 - 90/10; LED2 - 90/10; Switched 1 minute
- 6: LED1 - 90/10; LED2 - ON; Switched 1 second  
(LED2 Always ON to power radar)
- 7: LED1 - 90/10; Switched 1 second

#### Combo Beacon and Sign Alert Modes

- 8: LED1 - 50/50; LED2 - 90/10; ON 24/7
- 9: LED1 - 50/50; LED2 - 90/10; Switched 1 minute
- 10: LED1 - 50/50; LED2 - 80/20; Switched 3 minutes  
(UK\_MODE: 80/20; Switched 1 second)
- 11: LED1 - 50/50; LED2 - 90/10; Switched 1 second

#### Specialty Light Mode

- 12: LED1 ON Full Bright; LED2 ON Photo Cell; Switched 1 second

#### Wig/Wag Modes - LED1 and LED2

- 13: Wig/Wag; Switched 1 second
- 14: ON; Wig/Wag; Switched: ON while switch held,  
Wig/Wag for duration of switch hold
- 15: Wig/Wag; Switched 1 minute



888.414.3003 toll-free • 662.566.2025 phone • 662.566.7123 fax  
www.k-systems.com • sales@k-systems.com