

Digital LED Strobe Controller

Instructions And Specifications

With a total of seven (7) user-selectable modes and two independent channels, the Digital LED Strobe Controller is a far advanced alternative to conventional xenon strobes. Since no trigger coil is required, this digital controller is not susceptible to moisture. And the LED bulbs will last far longer than xenon flash tubes. Rather than a single point of light, many LED bulbs may be connected to the strobe controller to cover very large areas.

EFFECTS

STROBE – Quick flashes from both channels simultaneously. Very similar to a conventional strobe. .

STROBE / ALTERNATING – Identical to the strobe effect, except that the flashes alternate between channels. This can be used to create the illusion of shadows moving or to disorient visitors.

FLASH – Flash is similar to the strobe routine except, rather than a quick flash, the light is on 50% and off 50%. At higher speeds this can be beyond annoying.

FLASH / ALTERNATING – The lights are on 50% of the time and off 50% of the time, but they now alternate as well. This is even more irritating than the conventional FLASH routine. With lights placed a few feet apart, shadows appear to bounce around, creating the illusion of movement.

RANDOM– This is an effect rarely (if ever) found with conventional strobes. Lights fire one, two or even three times at random. Both channels are independent so you never know which light will fire or how many times. This is arguably the most popular feature for this digital strobe controller since is so unique.

BURST – In this mode, each light fires four times, then the other fires four times... back and forth.

BURST / WITH DELAY – While similar to the above-mentioned BURST mode, there is now a delay between the bursts. This is quite similar to emergency vehicle lights.

SPECIFICATIONS

INPUT VOLTAGE: 120volt AC, 60Hz, 5-amp (max)

CONNECTORS: Two-blade standard household polarized plug and outlets.

MAXIMUM LOAD: Up to 250-watts per channel. 500-watts total per controller. Remember, you may use as many lights as you wish as long as the total wattage does not exceed the maximum ratings.

COMPATIBLE LIGHTS: We highly recommend LED bulbs from Lights Alive that have been tested for quick response time and long life for this application. If sourcing your own lights, they must be dimmable, instant on (no soft or delayed start) and the color temperature should be 5000°K. They should also be designed for rapid on and off cycles (flashing). Can you use incandescent? Yes, but the results will be far from ideal.

TECHNOLOGY: Solid state, microprocessor controlled

SAFETY FEATURES: User-resettable circuit breaker, internal surge suppression and optical isolation

SIZE: 4.17" x 2.80" x 1.00" (excluding wires and controls). 4.15" x 3.4" x 1.00" (including mounting flanges and controls)
Mounting flanges provided for permanent installation.

ENCLOSURE TYPE: Black textured flame retardant ABS – Fire rating UL94V-0

DUTY CYCLE: 100% (Designed for continuous use).

CONTROLS: A momentary pushbutton selects the desired effect. A rotary control adjusts the speed.

WARRANTY: 3-Year limited warranty, starting from date of purchase if accompanied by copy of original invoice. Otherwise warranty starts on the date of manufacture.

WEATHER RESISTANCE: While this device may be used in high humidity situations, it is not weatherproof and should be protected from direct weather.