



MonsterEyes™ is an incredibly easy to use, yet quite sophisticated controller for creating the illusion of eyes in the dark. Each of MonsterEyes sixteen channels operate at random and totally independent of the other channels so there are never detectable repeat patterns.

In operation, each pair of eyeballs pops on at random, blinks a couple times, then fades to dark. Typically about 75% of the eyeballs will be on at any one time. This feature adds some animation to your display rather than just blinking some lights.

“Startle” the monster (by an external trigger) and all eyeballs instantly pop on and turn a blood red. Once the trigger has cleared, the eyes slowly begin to fade to darkness. Only after all red eyes are extinguished will the blue and green eyes begin to appear at random.



CONNECTIONS

Eyeball Ports

There are four (4) eyeball ports, each of which accepts a wiring harness that connects to four (4) eyeball boards for a maximum of sixteen (16) pairs of eyes. Since all ports operate independently, it does not matter which ports are used if you are using less than sixteen eyeball boards.

12 VDC Power Jack

MonsterEyes is designed to operate from a 12 volt DC power with 2.1mm, center positive coaxial power plug and a minimum rating of 500mA.

LADC Port

The Lights Alive Direct Connect port allows the easy connection of any Lights Alive brand sensor or trigger. By utilizing our universal adapter, third-party triggers may also be used. Connect your favorite sensor or trigger to this port to “startle” the monster.

OPERATION

1) Connect one or more (up to four) wiring harnesses by simply plugging them into the eyeball port on MonsterEyes. It does not matter which port(s) you choose. To remove wiring harnesses, simply press on the clasp and pull.

CAUTION: Never pull on wires to remove harness plugs.

2) Install eyeball boards on the harness(es) by placing the red plug on the end of the harness into the socket on the back of the eyeball board. Each harness can accommodate up to four (4) eyeball boards. The connectors will not allow to connect them incorrectly.

3) Connect an appropriate DC power source. While MonsterEyes can operate effectively from 10-14 volts (nominal 12v) DC. The minimum current rating of the power supply should be 500mA. A regulated power supply is not required. MonsterEyes works well in haunts wired for low voltage as well as in mobile applications or even from a 12 volt battery.

4) To take advantage of the “Startle” mode, connect a Lights Alive brand sensor or trigger via the LADC port. This is a simple modular connection, much like a telephone plug. Third-party triggers can also be used by adding our universal adapter. Please follow the sensor or trigger’s instruction for placement and operation of that device.



INDICATORS

LADC Indicator: Confirms a positive link with LADC-equipped sensors

Trigger Indicator: Lights when a trigger signal is received.

SPECIFICATIONS

Independent channels: 16

Eyeball ports: 4 (each port supports 4 eyeball boards)

Power requirements: 10-14 Volts DC (nominal 12vdc), 500mA

Eyeball colors available: Blue/Red, Green/Red, Red/Red

Circuit protection: All ports are short-circuit proof. The microprocessor is isolated from eyeball ports for added reliability and increased lifespan.

Harness length: 4' and 8' (custom sizes available)

Controller size: 4.55" x 3.30" x 1.25"

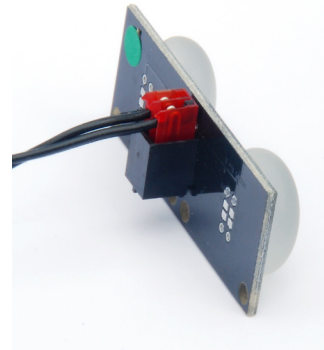
Weight: 0.30 Pounds

Outdoor rating: Outdoor use OK, but protect controller from direct weather such as rain or snow.

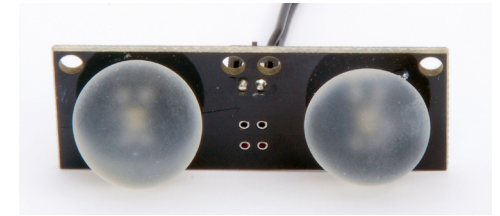
Eyeball board size: 2.2" wide x 0.85" high x 0.70" deep

Daisy-chain?: As with all Lights Alive brand controllers and sensors, you may easily connect multiple MonsterEyes controllers to a single sensor. Or you may hook multiple sensors to a single MonsterEyes controller. Mantis controllers may also be added to the same trigger circuit.

EYEBALL BOARD



Front and rear views, showing plug-in connector. Mounting holes enable easy installation.



ACCESSORIES

Mantis sensors and triggers to activate the “startled” mode.

Mantis controllers to add sound when triggered and to operate other devices, such as a fogger when MonsterEyes is triggered.

Universal adapter for connecting MonsterEyes to other brand triggers.

Custom eyeballs and wiring harnesses – Just let us know your needs. If we don't have it, we can probably make it for you.

WARRANTY

MonsterEyes products are covered by our five (5) year limited warranty. If within five years from the date of purchase, your MonsterEyes system fails due to defects in materials or workmanship, Lights Alive will repair or replace (our option) your equipment at no charge. Defective product must be returned to Lights Alive prepaid. A detailed description of the product and your contact information should be included in the package. Products that have received physical or water damage or ones that have been modified or used contrary to these instructions are specifically excluded from this warranty.

By using this equipment, you understand and agree that you are doing so at your own risk. Lights Alive will not be liable for any personal injury, property damage or consequential damages, whether direct or indirect, due to the use, misuse, abuse or failure of the product, even if due to our negligence. No other warranty is expressed or implied.