

Professional Auxiliary Warning Light

Installation, Wiring and Safety Information.

Installation Instructions

Due to the wide range of applications our warning lights are used for installation can be achieved in a number of ways.

Your engineer or registered electrician will be able to advise you on the best way to interface this light with your existing equipment or you can have them fit a standard 12v LED Driver for plugging directly into a wall socket. Mains fittings must only be installed by a qualified professional.

Mounting the Fixture

- Screws - Holes are provided in the rear of the panel for screw fitting.
- Rack Mounting - We have a 19" rack mount kit available seperately.
- Side Fitting - Light can be ordered custom configured for mounting hanging out from a wall.

Your installer must check the assembly and wiring of the product prior to installation to ensure it meets your local or state safety regulations and if there is a requirement for a current sensing relay to disable any machinery if the fixture fails to illuminate.

Wiring

Our lights come supplied in one of three configurations, this will be indicated by either MAINS, 12vDC or 24vDC.

Mains fixtures are designed to be connected by an electrician to a standard mains circuit with switched circuit, fuse and RCD.

12v or 24vDC fixtures are designed to operate from either low voltage circuits or from a battery module.

Always check the unit before connecting to ensure a low voltage unit is never connected to mains.

Wall mounting with screws

There are two holes in the rear panel of most of our fittings; these allow you to screw the lightbox directly to a wall or other flat surface.

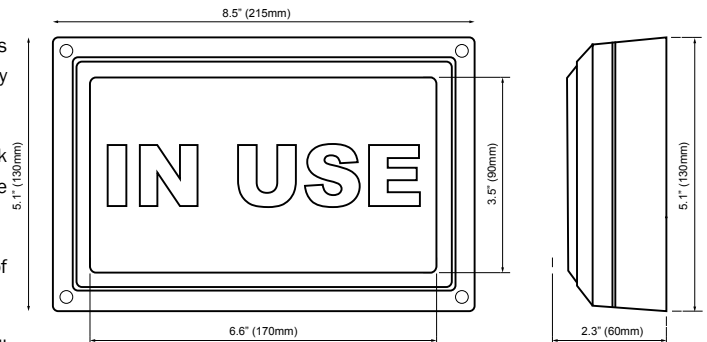
To access the holes you must first remove the front plexiglass panel; to do this remove the four securing screws from the front faceplate of the unit and carefully remove the panel and gasket.

Screw to the wall using your choice of screws using the holes provided in the back panel, you must take care not to overtighten or use screws that are too big for the holes or you risk damaging the rear panel.

When replacing the front panel and top cover take care not to interfere with any of the internal wiring or lighting modules.

Wiring is fed out a hole drilled in wall first or in conduit tubing attached to the wall next to the light. If wiring out the side you can use spacers between the light & wall.

For mounting side on to a wall we can provide a custom configured light panel that can be mounted from the right or left hand side and will hang out from the wall.



Important Safety Information

Unit must be kept clean and dusted. When cleaning use a damp soft cotton cloth only. Do not use harsh chemicals for cleaning.

Internal LED Modules are low amperage DC and must never be directly connected to mains power without a suitable LED Driver stepdown transformer.

Installation & any use of this product is subject to and constitutes agreement to our terms of use that were mandatory and agreed upon during purchasing.

Prior to installation, all Products must be fully inspected, safety assessed and fire assessed by the Purchaser. All Products must also be fully inspected and installed by a trained and qualified professional electrician.

The reseller and manufacturer takes no responsibility whatsoever for any damage, injury, or death caused by use of or installation of any Products. We have a full limitation of liability to the maximum value of the cost price of the fittings provided only.

Warning fixtures for medical, critical, weapon control systems or x-ray or radiation devices must be tested thoroughly hourly by a trained staff member who is knowledgeable in this specific warning fixture or have a current sensing relay installed to indicate failure.

Fixtures must never act as the primary warning source and may only be used as a secondary convenience warning source only.

Fixture is supplied as an empty sign written aluminium and plexiglas enclosure only. All electronics, wiring, hook-ups, and other associated control gear are entirely the responsibility of the Purchaser, to install, manage, determine suitability and frequently test.

Lights and signs are sold as empty cabinets only. Some Products have the option of having a third party LED matrix installed before delivery. The installed modules are not manufactured, warranted, tested or guaranteed before delivery.

Any accessories, included LED modules or mains power supplies used are a third party product and no responsibility is taken or no guarantee is made with regard to the safety, lifespan or installation procedure of these third party products.

The LED modules used in some fixtures are rated at 50,000 hours or less before requiring replacement, and may fail to operate at any time, under any circumstances, without notice. It is entirely the responsibility of the Purchaser to keep track of this lifespan, test the fixture hourly and replace when necessary.

The low voltage enclosure provided was designed strictly for use in New Zealand and Australia only. The actual plastic and metal housing has not been subjected to any testing, regulation, compliance and holds no relevant certificates for use outside New Zealand or Australia.

Compliance Certificates: (at time of printing)

2020:AC : BST09072341821C-2 (CE, ISO9001)

2020:AC : BST09072952327C-4 (CE, ISO9001)

2020:DC : AS/NZ560598.2.1 (AS/NZ)

2020:SMD : JH-M3T50PW-TF (CE, RoHS, ISO9001)

2020:DRIVER : WF-1230(1-3)x1W (CE, RoHS, ISO9001, IP66)