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The Chroma-Q Inspire has been designed specifically for the lighting industry. Regular maintenance should be performed to ensure that the products perform well in the entertainment environment.

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Quick Start Guide Chroma-Q® Inspire™ MD



Chroma-Q®
BRILLIANT SOLUTIONS

For a full product manual please visit www.chroma-q.com
Part Number: CQINHLMD, CQINHLMDW
Model: 632-3020, 632-3030

1. Overview

The Chroma-Q™ Inspire™ MD LED house light is a powerful multi-purpose creative lighting tool that utilises some of the innovative core technologies found in other popular Chroma-Q fixtures. Inspire™ MD can be used directly on existing dimming system and does not require additional control system. Inspire™ MD provides beautiful warm white with its fully homogenized lens with a choice of two different beam angle. Inspire uses an energy-efficient compact LED design providing reduced maintenance and running costs.

2. Safety



Caution

1. This product is for professional use only. It is NOT intended for domestic or outdoor use.
2. The bright flash of light during power-up and continuous strobe effect may cause epileptic seizure.
3. This product must be used with safety cable.
4. **APPLY the CORRECT VOLTAGE & FREQUENCY RATING** as indicated on the Back plate

5. Cabling and Connection

Figure1: Back Plate Inspire MD (before connection)

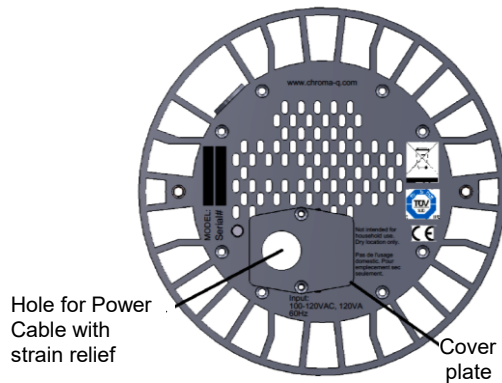
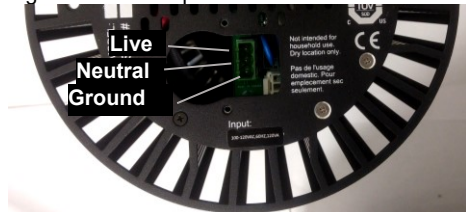


Figure 2: Power Input



- The Power Input Cover Plate is supplied with the fixture (Figure 1) and is not attached. It must be mounted as described in the following steps.
- Insert the power cable with the appropriate cable strain relief through the cover plate.
- Unplug the Terminal Block Plug from the Header and connect the wiring for the AC power input through the hole and into the Terminal Block PLUG (Figure 3).

Figure 3: Power Connection

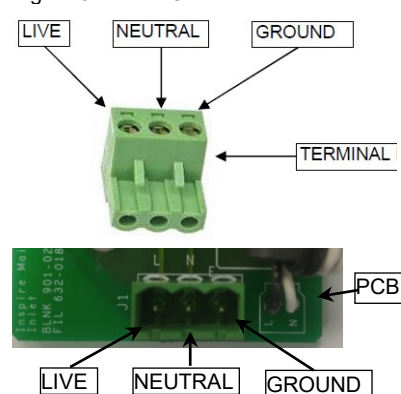


Figure4: Back Plate Inspire MD (after connection)



- Plug the wired Terminal Block Plug into the Terminal Block Header (Figure 4).

6. Mounting

The Inspire™ MD fixture is built with a mounting bracket for overhead hanging applications. Secure the fixture with a safety cable. Other mounting options, such as a yoke, or blind ceiling mounting kits are available.

7. Optics

The fixture is built with narrow lens with a beam angle of approximately ~32°. It is supplied with a spreader kit, once installed a ~65° beam angle can be achieved.

8. Control

The Inspire™ MD can be attached to the mains source that is controlled by a phase cut dimmer or it can also be connected directly to a switched power outlet and used as a normal on/off light. If connected to a dimmer system, the output of a fixture is controlled by the output of the dimmer system. The fixture needs to be energized before it can output any light, therefore the first 10% of a typical dimmer control channel will not cause the Inspire™ MD to emit light. From 10% to 100% of the control channel is equivalent to 0% to 100% of the Inspire™ MD light output.

Note: The Inspire MD needs around 18v RMS to start outputting lights, the actual percentage (~6%) or DMX value (~15) required to reach this voltage will vary from dimmer to dimmer. Therefore, to have all Inspire DMX responding the same way, it is important to use the same dimmer type within a venue. Even with the same type of dimmers, it is possible that variants will happen due to different dimmer trims and cable length.

Further Information

Please refer to the Chroma-Q Inspire™ MD manual for more detailed information. A copy of the manual can be found at the Chroma-Q website – <http://www.chroma-q.com/support/downloads.asp>