

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

Software Version: 1.0

1. Overview

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

2. Safety

 Caution	<ol style="list-style-type: none"> 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
---	---

3. Cabling and Connection

Figure 1: Back Plate Inspire™ MD (before connection)

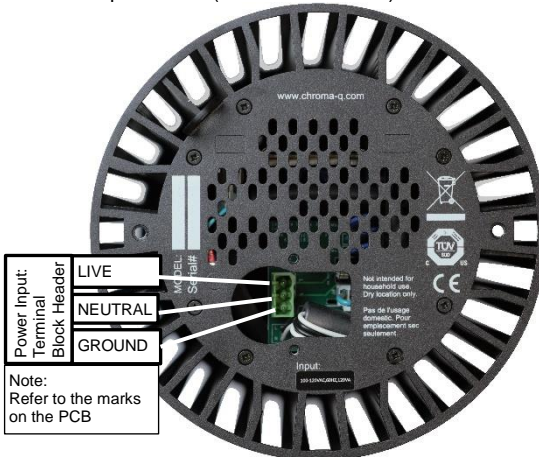


Figure 3: Power Connection: Connector Box

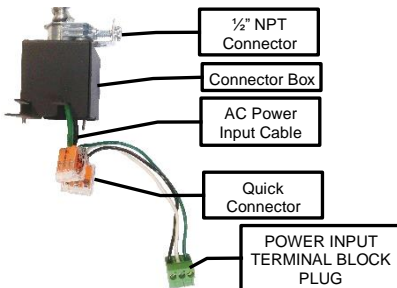
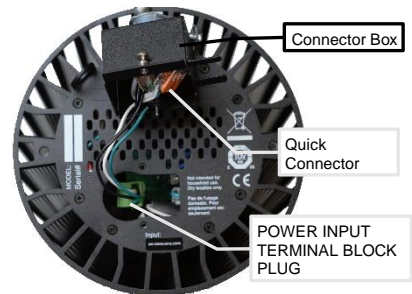


Figure 4: Power Connection: Light Fixture



To connect the wiring for power and control data:

- The Power Input Connector Box (Figure 3) is supplied with the fixture and is not attached. It must be mounted as described in the following steps:

- Insert the power cable with the appropriate ½" NPT Connector or Cable Strain Relief through the Connector Box (Figure 3). The hole on the connector box has a suitable dimension to attach a ½" NPT connector on it. The Power Input Terminal Block Plug has three soft wires attached to it. Attach the provided wires to the wiring for the AC power input with Quick Connectors or Marret Connectors (Figure 3).
- Put the Quick / Marret Connectors inside the Connector Box. Plug in the wired Terminal Block Plug into the Power Input Terminal Block Header (Figure 4).

Figure 5: Back Plate Inspire™ MD (After connection)



- Put the Connector Box in place and fasten the Connector Box with capacitive screw.

4. 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.

5. 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.

6. 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 energize its internal circuits 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.

7. 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 – www.chroma-q.com/support/downloads

Approvals & Disclaimer



The information contained herein is offered in good faith and is believed to be accurate. However, because conditions and methods of use of our products are beyond our control, this information should not be used in substitution for customer's tests to ensure that Chroma-Q® products are safe, effective, and fully satisfactory for the intended end use. Suggestions of use shall not be taken as inducements to infringe any patent. Chroma-Q® sole warranty is that the product will meet the Chroma-Q® sales specifications in effect at the time of shipment. Your exclusive remedy for breach of such warranty is limited to refund of purchase price or replacement of any product shown to be other than as warranted.

Chroma-Q® reserves the right to change or make alteration to devices and their functionality without notice due to on-going research and development.

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.

If you experience any difficulties with any Chroma-Q® products please contact your selling dealer. If your selling dealer is unable to help, please contact support@chroma-q.com. If the selling dealer is unable to satisfy your servicing needs, please contact the following for full factory service:

Outside North America:
Tel: +44 (0)1494 446000
Fax: +44 (0)1494 461024
support@chroma-q.com

North America:
Tel: +1 416-255-9494
Fax: +1 416-255-3514
support@chroma-q.com

For further information please visit the Chroma-Q® website at www.chroma-q.com.

Chroma-Q® is a trademark, for more information on this visit www.chroma-q.com/trademarks.

The rights and ownership of all trademarks are recognized

