

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 range 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 and Inspire Terminal Strip are trademarks, for more information on this visit www.chroma-q.com/trademarks.

The rights and ownership of all trademarks are recognized.

Quick Start Guide

Chroma-Q® Inspire™ Terminal Strip



Chroma-Q®
BRILLIANT SOLUTIONS

For a full product manual please visit www.chroma-q.com
Part Number: CHINHLRGBW32E, CHINHLRGBW42E, CHINHLRGBW65E, CHINHLW32E,
CHINHLW42E, CHINHLW65E
Model: 632-1500, 632-1600, 632-1700, 632-2500, 632-2600, 632-2700
Software Version (Engine) 2.2

1. Overview

The Chroma-Q™ Inspire™ Terminal Strip LED house light features a single light engine with 36 high powered LEDs (RGBW), a fully homogenized optic and controlled via the Inspire™ External Control Box. Through the Inspire External Control Box, the fixture can be controlled remotely through the ANSI E1.11 USITT DMX 512-A protocol.

2. Safety

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 & continuous strobe may cause epileptic seizure.
3. This product must be used with a safety cable.

3. Cabling

Figure 1: Sample System Diagram

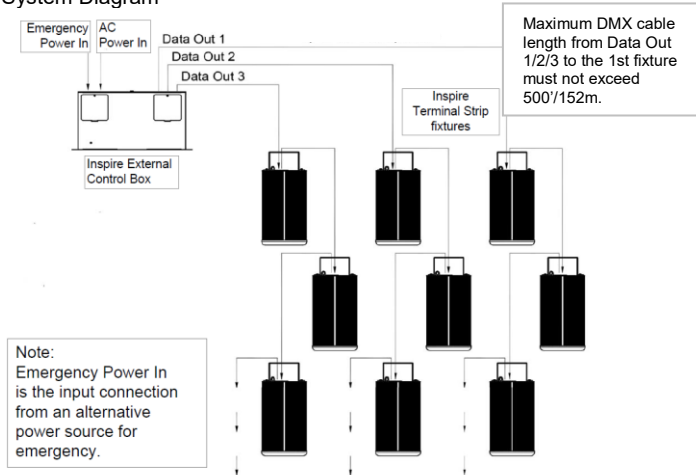


Figure 2: Power & Data Connections & Data Connections

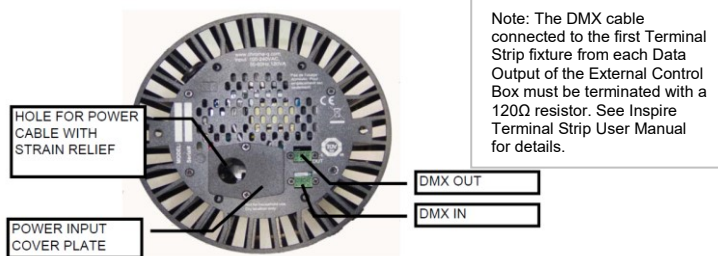


Figure 3: Power Input

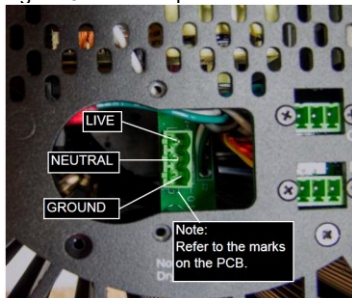
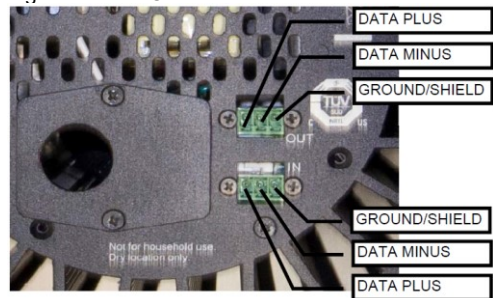


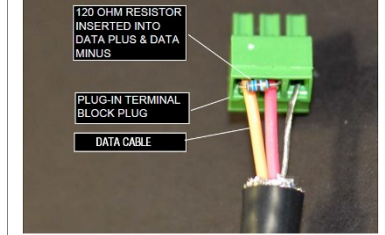
Figure 4: Data Connectors



To connect the wiring for power and control data:

- The Power Input Cover Plate is supplied with the fixture (Figure 2) 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).
- Plug the wired Terminal Block Plug into the Terminal Block Header (Figure 4).
- Put the cover plate on and fasten the cover plate with the two screws provided with the light fixture.
- Connect the DMX control data cables from the Inspire External Control Box to the Terminal Block Plug and plug into the Terminal Block headers at the rear of the fixture (Figure 2 & 4)

Figure 5: Data In – First Fixture



Notes:

- **IMPORTANT:** Termination resistors (supplied with the External Control Box) are REQUIRED on first fixture in each data run (Figure 5) – see User Manuals for more details.
- For DMX & data wires use Belden 9729 or CAT5e/6.
- Max. cable distance from DATA OUT to first fixture must not exceed 152m/500 ft.
- * Emergency Power is shown as an example only and may not be used on all projects.

4. Mounting

A mounting bracket is built into the enclosure for overhead applications. Secure the fixture with a safety bond. A fixing hold is built into the enclosure.

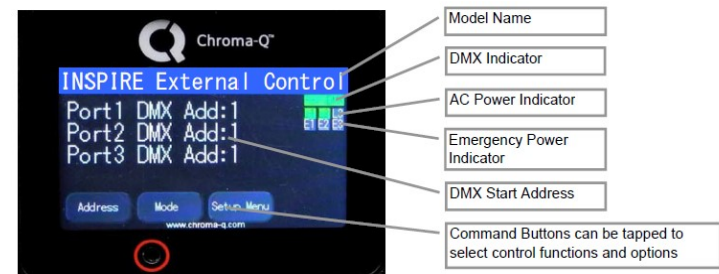
5. Optics

The Inspire can be built with either Narrow, Medium or Wide lens. The beam angles are: Narrow: ~32°; Medium: ~42°; Wide: ~65°

6. Control

The control functions are accessed through the Touch Screen display at the front panel of the Inspire External Control Box. The features of the Touch Screen Display are shown in Figure 6.

Figure 6: main screen of the External Control Box



Further Information

Please refer to the Chroma-Q Inspire Terminal Strip 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>