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Quick Start Guide Chroma-Q® Inspire Mini™ Terminal Strip



Chroma-Q®
BRILLIANT SOLUTIONS

For a full product manual please visit www.chroma-q.com
Part Number: CHINMINIHLRGBWT, CHINMINIHLRGBWTW
Model: 632-6500, 632-6505
Software Version (Engine) 2.2

1. Overview

The Chroma-Q™ Inspire Mini™ Terminal Strip LED house light features a proprietary RGBW LED light engine to deliver a fully homogenized beam. An External Control Box or External Control Box UL924 is required for system control.

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

3. Cabling and Connection

Figure 1: Sample System Diagram

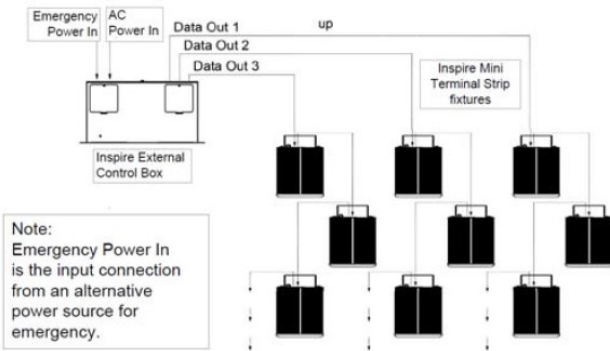


Figure 2: Power & Data Connections

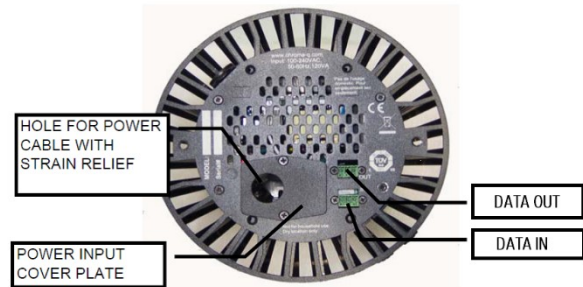


Figure 3: Power Input

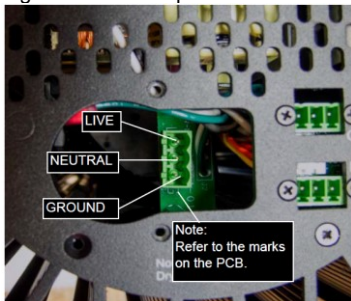
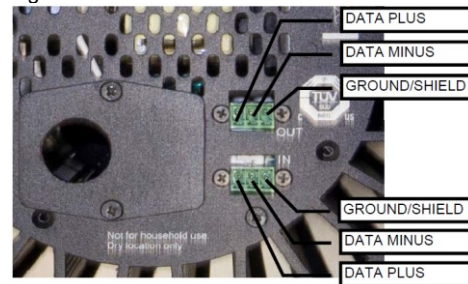


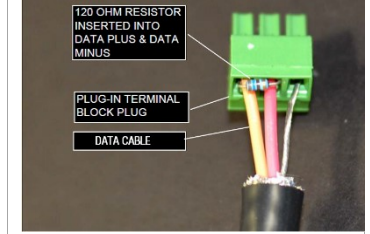
Figure 4: Data Connections



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.
- 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).

Figure 5: Data In – First Fixture



- 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)

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 pendant applications. Secure the fixture with a safety bond. A fixing hold is built into the enclosure. Other mounting accessories are available, consult the website for more information.

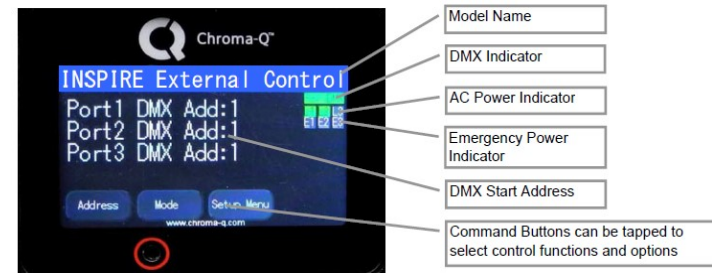
5. Optics

The fixture is built with wide lens with a beam angle of approximately ~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



Consult the QSG & user manual for the External Control box for details.

Further Information

Please refer to the Chroma-Q Inspire Mini 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>