

# Quick Start Guide

## Chroma-Q®

### Inspire™ External Control Box



**Chroma-Q®**  
BRILLIANT SOLUTIONS

For a full product manual please visit [www.chroma-q.com](http://www.chroma-q.com)  
Part Number: CHINHLCTRLBOX924  
Model: 632-5010  
Software Version 1.5

## 1. Overview

The Inspire™ External Control Box, is the addressing control interface for the remote control of the Inspire™ Terminal Strip fixture through the ANSI E1.11 USITT DMX 512-A protocol.

## 2. Safety



### Caution

This product is for professional use only. It is NOT intended for domestic or outdoor use.

## 3. Cabling

Figure 1: Sample System Diagram

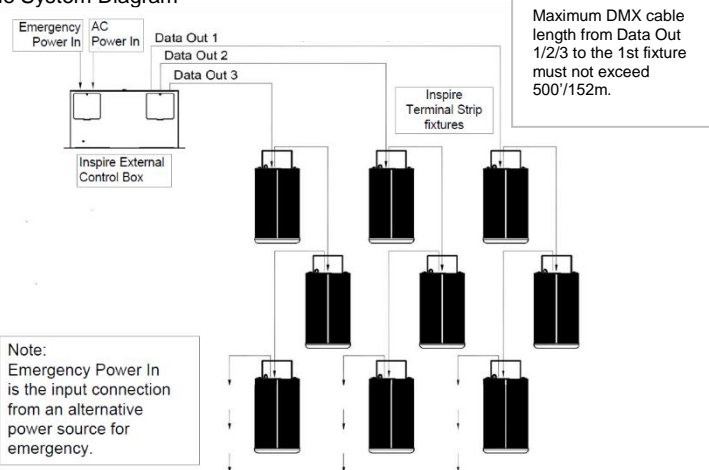
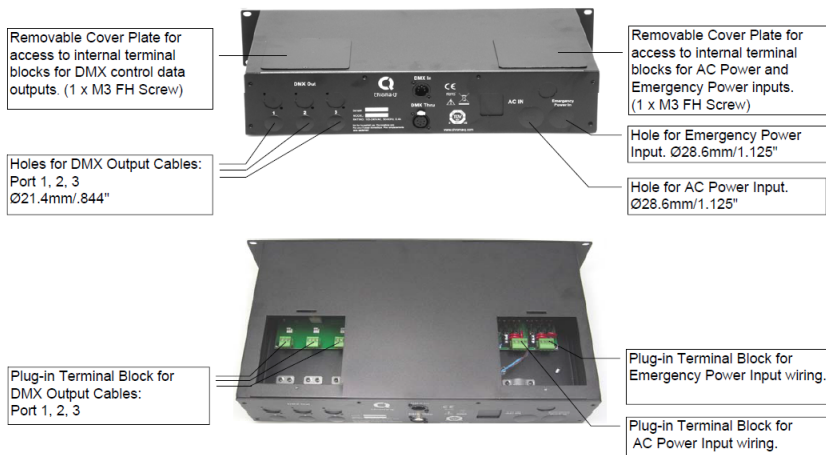


Figure 2: Power & Data Connections



To connect the wiring for power and control data:

- Remove the cover plate and the plastic plugs covering the holes.
- Connect the wiring for the AC and Emergency Power Input through the hole, into the Terminal Block Plug and plug into the Terminal Block Header inside the External Control Box (Figure 4).
- **The main Plug-in Terminal Block for AC Power needs to be connected to ensure normal operations.**
- Connect the wiring for the DMX Data Outputs – Port 1, 2 and 3 through the holes, into the Terminal Block Plug and plug into the Terminal Block Header inside the External Control Box (Figure 3).

Figure 3: Data Output Wiring

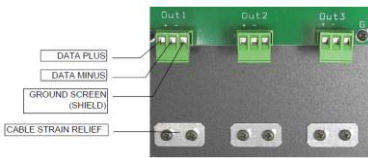
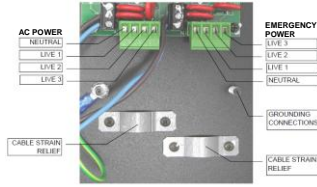


Figure 4: AC Power and Emergency Power Input



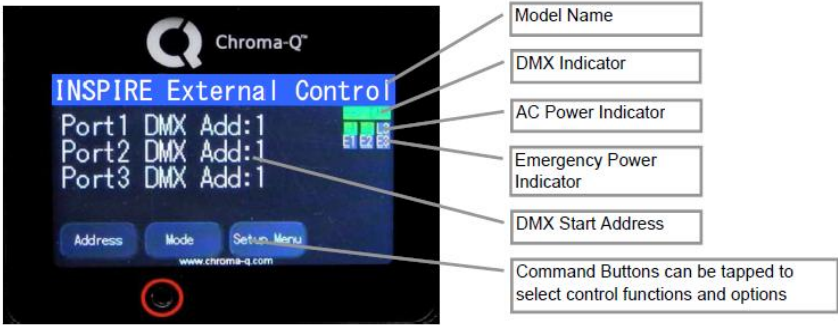
## 4. Mounting

The control box is built with a standard 19" rack mount enclosure.

## 5. 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 5.

Figure 5: Main Screen of the External Control Box



### Control Menu

**Main Menu** Displays the model name, DMX information, AC and Emergency power input and Command buttons

**Address** Sets the DMX start address for each output: Output 1, Output 2, Output 3

**Mode** Select from the control mode options:

RGBW single	4 channels x RGBW for each fixture in each output (up to 512 channels per output)
RGBW output	4 channels x RGBW for all fixtures in each output
Tungsten	1 channel x W for all fixtures in each output
LookStore	Save and Load a Look

**Setup Menu** Set the internal settings of the Inspire External Control:

DMX Data	Displays DMX values
RotateDisp	Change the display orientation
Frequency	To change the LED scan rate frequency, select from: 1200Hz 2400Hz 4800Hz 9600Hz
DMX Lost	When DMX is not detected, select from the output options: Last Data No Output Look
Reset	Reset to user saved and default settings. (see User Manual)

## 6. Further Information

Please refer to the Chroma-Q® Inspire™ External Control Box manual for more detailed information. A copy of the manual can be found at the Chroma-Q® website – [www.chroma-q.com/support/downloads](http://www.chroma-q.com/support/downloads)

## Approvals & Disclaimer



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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:

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