**DESCRIPTION**

The control box shall provide addressing and remote control for the Chroma-Q Inspire Terminal Strip & Inspire Mini Terminal Strip fixtures. The control box shall be a 19” rack mount enclosure with a height 2U. The control box shall accept a control input compatible with PLASA DMX512 protocol. The control box shall be UL924 compliant for use in emergency lighting systems using the Inspire Terminal Strip Range of products. The control box will provide three data outputs to allow control of up to 32 fixtures for each wire run (96 max. per system).

**FEATURES**

- UL924 compliant
- Provides control signal to selected fixtures through emergency power in the event of mains loss
- Color touch screen user interface
- Low power draw
- Convection cooled

**ORDERING INFORMATION**

CHINHLCTRLBOX924: Chroma-Q Inspire External Control Box UL924

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**OVERALL SPECIFICATIONS**

- **Net Dimensions**
  - (without fixings): Width: 483mm / 19"
  - Height: 88mm / 3.5"
  - Depth: 254mm / 10"
- **Net Weight**: 2.5kg / 5.5lb
- **Shipping Dimensions**
  - Width: 533mm / 21"
  - Height: 317.5mm / 12.5"
  - Depth: 33.5mm / 5.25"
- **Shipping Weight**: 3.3kg / 7.3lb
- **Power Supply**: Built-in
- **Power Input Rating**: 100-240V AC 50-60Hz .4A
- **Power Factor**: 0.6
- **Power Consumption**: 4.6W @ 120V AC; 9W @ 230V AC
- **Inrush Current**: 11A @ 120V AC; 23A @ 230V AC
- **Idle Power Consumption**: 4.6W @ 120V AC; 9W @ 230V AC
- **Data Connectors In/Out**
  - Output: Terminal Block
  - Input & Thru: XLR5
- **Max Cable Run**: See ANSI E1.27-1 - 2006 / BSR E1.27-2
- **Control Protocol**: ANSI E1.11 USITT DMX 512-A
- **Control Protocol Output to fixture**: Chroma-Q proprietary communication
- **Cooling System**: Convection
- **Operating Temperature**: 0°C to 40°C
- **Construction**: Powder-coated aluminium
- **Colour**: Black
- **IP Rating**: IP20
- **Control Modes**: RGBW single, RGBW output, Tungsten, 0-10V, LookStore
- **Dimming Curve**: Theatrical
Chroma-Q® Inspire
External Control Box UL924
Part No: CHINHLCTRLBOX924

Typical System Diagram

Notes:
- For DMX and data wires, use shielded CAT5e or equal
- Maximum DMX cable length from DATA OUT 1/2/3 to 1st fixture
  should not exceed 500 ft (150 m)
- Important: Termination resistor REQUIRED on first fixture in data run; see user manual for details
- Emergency power source for an emergency light; information on example only
- Not used on all projects

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