

Quick Start Guide

Chroma-Q®
2inspire 100™
2inspire 200™
2inspire 300™



Chroma-Q®
BRILLIANT SOLUTIONS

For a full product manual please visit www.chroma-q.com
Part Numbers: CQ1501-1000, CQ1501-1005, CQ1501-1010, CQ1501-1015,
CQ1502-1000, CQ1502-1005, CQ1502-1010, CQ1502-1015,
CQ1503-1000, CQ1503-1005, CQ1503-1010, CQ1503-1015

Models: 1501-1000, 1501-1005, 1501-1010, 1501-1015
1502-1000, 1502-1005, 1502-1010, 1502-1015
1503-1000, 1503-1005, 1503-1010, 1503-1015)

Software Version: Engine 1.0

1. Overview

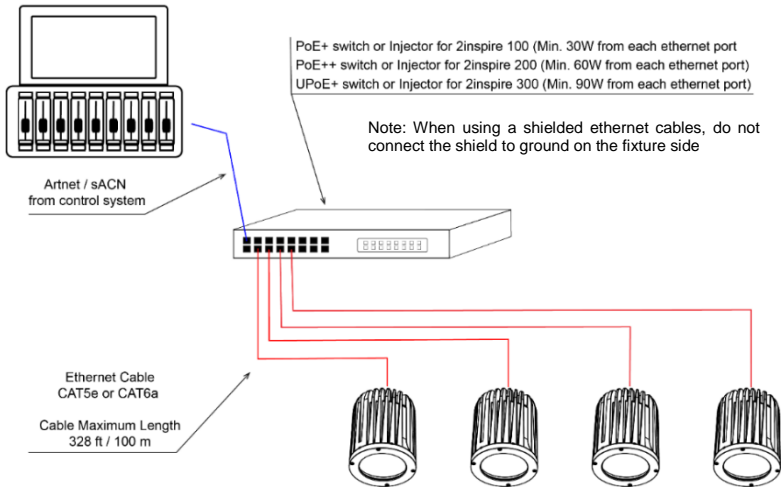
The Chroma Q® 2inspire™ 100 / 200 / 300 are compact yet powerful lighting™ tools that serve multiple purposes and are designed to complement the highly acclaimed Inspire™ series fixtures. They incorporate cutting-edge technologies from the popular Chroma-Q® Inspire™ range. With a ~22-degree beam angle and an elegant housing suitable for venues with low ceilings, these fixtures offer versatility. They can be controlled using LAN through industry-revolutionizing POE control. The 2inspire™ delivers an impressive range of mixed colors and "true" whites without any visible color separation shadows. Furthermore, the 2inspire™ range offers a wide selection of whites, soft pastels, and bold saturates, all available from a single fixture. Additionally, the energy-efficient LED design of the 2inspire™ results in reduced maintenance and operating costs.

2. Safety



1. This product is for professional use only. It is NOT intended for domestic 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. When installing the shielded ethernet cables, do not connect the shield to ground on the fixture side

3. Cabling



4. Mounting

The 2inspire™ 100 / 200 / 300 comes with a M5 X 0.8 tapped hole for mounting primarily. It is crucial to always secure the fixture with the safety bracket provided along with the fixture and use safety wire or chain for proper installation. Additionally, it is highly important to use the supplied eyebolt specifically designed for the fixture. Furthermore, alternative mounting options, including Wall Mount, Yoke, Pendant Ceiling Mount, and Blind Ceiling Mount kits, are available. For more information on these mounting options, kindly consult your local representative or visit the Chroma-Q website.

5. Optics

Various options of "Diffusers" are available to adjust the light output. For IP20 fixtures, these can be installed using a C-ring (without opening the fixture) whereas for the IP65 fixture, the front bezel must be removed and the diffusion gel inserted between the glass and the lens. Only Chroma-Q original diffusion gel are approved to be used.

6. Control

The 2inspire™ 100 / 200 / 300 offers control options through Art-Net™ Designed by and Copyright Artistic Licence or sACN over Ethernet using a PoE switch or PoE Injector or Chroma-Q® 2inspire™ PSE. Currently, RDM control is exclusively supported when utilizing Art-Net™. The 2inspire™ utilizes the latest Chroma-Q Gen3™ Color Engine control. In this new algorithm, color control is fully abstracted from the direct control of the LEDs. This means that the Red, Green, and Blue controls do not directly control the corresponding LEDs but rather control the position of the color point throughout the entire color space that the fixture can cover. The 2inspire™ algorithm has been designed to always provide the best possible combination of all five LED sources: Red, Green, Blue, Warm White, and Cold White.

Personality Name	Description
I	**Single channel Intensity
IK	**Intensity and CCT
IKT	Intensity, CCT, Tint
RGB	**RGB+magic white
IRGB	** Intensity, RGB+magic white
IHS	**Intensity, Hue(color) and Saturation (from white to color)
IKTRGB	Intensity, CCT, Tint, RGB+magic white
IKTHS	Intensity, CCT, Tint, Hue, Saturation+magic white
**	The white point is set in RDM (set CCT 0-255 default 127) (set Tint 0-255 default 127) See DMX-CCT table for color temperature values

7. Channel layout

Personality Name	1	2	3	4	5	6	7	8	9	10	11	12
8 bit												
I	I											
IK	I	K										
IKT	I	K	T									
RGB	R	G	B									
IRGB	I	R	G	B								
IHS	I	H	S									
IKTRGB	I	K	T	R	G	B						
IKTHS	I	K	T	H	S							
16 bit**												
I - 16bit	I	i										
IK - 16bit	I	i	K	k								
IKT - 16bit	I	i	K	k	T	t						
RGB - 16bit	R	r	G	g	B	b						
IRGB - 16bit	I	i	R	r	G	g	B	b				
IHS - 16bit	I	i	H	h	S	s						
IKTRGB - 16bit	I	i	K	k	T	t	R	r	G	g	B	b
IKTHS - 16bit	I	i	K	k	T	t	H	h	S	s		

Control*	C
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*Control parameter is only present when Control option is enabled in RDM settings and always the last channel.

**16-bit parameters are using two 8-bit control channel combined together to create a 16-bit value. The first channel is the MSB (Most Significant Bit) and the second channel is the LSB (Least Significant Bit)

8. Further Information

Please refer to the Chroma-Q® 2inspire™ 100 / 200 / 300 (P/N: 1501-0702) manual for more detailed information. A copy of the manual can be found at the Chroma-Q website – www.chroma-q.com/support/downloads.asp

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® 2inspire™ 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.

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