Chroma-Q

2inspire 100



Manufacturer	**Chroma-Q**
Type	**PAR**
DMX modes	**17**
DMX footprint	**1, 2, 3, 4, 5, 6, 8, 10, 12 channels**
Beam angle	**18°**
Size (W × H × D)	**94 × 127 × 94 mm**
GDTF fixture type	**8C08AD04-FA7A-11EF-BE97-42…**

Controls

Hue and saturation · RGB colour mixing · Colour temperature · Dimmer

Safety-relevant functions

Fixture reset

DMX modes

Control	1 ch
I 8-bit	1 ch
I 16-bit	2 ch
IK 8-bit	2 ch
IHS 8-bit	3 ch
IKT 8-bit	3 ch
RGB 8-bit	3 ch
IK 16-bit	4 ch
IRGB 8-bit	4 ch
IKTHS 8-bit	5 ch
IHS 16-bit	6 ch
IKT 16-bit	6 ch
IKTRGB 8-bit	6 ch
RGB 16-bit	6 ch
IRGB 16-bit	8 ch
IKTHS 16-bit	10 ch
IKTRGB 16-bit	12 ch

Control

1 channel

Ch	Function	Default	DMX values
1	Control1	0	0–2 No Function - Custom 3–3 Dimmer Curve Linear - Custom 4–4 Dimmer Curve Square Law - Custom 5–5 Dimmer Curve Inv Square Law - Custom 6–6 Dimmer Curve S-Curve - Custom 7–10 No Function - Custom 11–12 DMX Smoothing Off - Custom 13–14 DMX Smoothing Normal - Custom 15–16 No Function - Custom 17–18 CCT Tint On Saturated Color-Disabled - Custom 19–20 CCT Tint On Saturated Color-Enabled - Custom 21–70 No Function - Custom 71–72 PWM 1500 - Custom 73–74 PWM 3000 - Custom 75–76 PWM 6000 - Custom 77–78 PWM 12000 - Custom 79–80 PWM 24000 - Custom 81–82 PWM 48000 - Custom 83–84 PWM 96000 - Custom 85–86 PWM 192000 - Custom 87–150 No Function - Custom 151–152 DMX Lost Default Fixture Stay To The Last State - C... 153–154 DMX Lost Default Fixture Goes Black - Custom 155–156 DMX Lost Default Fixture Goes To Full - Custom 157–158 DMX Lost Default Fixture To Save Look - Custom 159–235 No Function - Custom 236–237 Store Failesafe Scene - Custom 238–239 No Function - Custom 240–242 Reset - Reset 243–243 No Function - Custom 244–245 Save As User Defaults - Custom 246–247 Restore User Defaults - Custom 248–249 Restore Factory Default - Custom 250–255 No Function - Custom

I 8-bit

1 channel

Ch	Function	Default	DMX values
1	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max

I 16-bit

2 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer

IK 8-bit

2 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max

IK 8-bit (continued)

Ch	Function	Default	DMX values
2	C TC	127	0–24 2400K - CTC 25–49 2800K - CTC 50–74 3200K - CTC 75–99 3600K - CTC 100–126 4000K - CTC 127–149 4440K - CTC 150–174 4800K - CTC 175–199 5200K - CTC 200–224 5600K - CTC 225–254 6000K - CTC 255–255 6500K - CTC

IHS 8-bit

3 channels

Ch	Function	Default	DMX values
1	H SBBrightness	0	0–0 Min 1–254 Min > Max 255–255 Max
2	H SBHue	0	0–0 Min 1–254 Min > Max 255–255 Max
3	H SBSaturation	0	0–0 Min 1–254 Min > Max 255–255 Max

IKT 8-bit

3 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max
2	C TC	127	0–24 2400K - CTC 25–49 2800K - CTC 50–74 3200K - CTC 75–99 3600K - CTC 100–126 4000K - CTC 127–149 4440K - CTC 150–174 4800K - CTC 175–199 5200K - CTC 200–224 5600K - CTC 225–254 6000K - CTC 255–255 6500K - CTC
3	Tint	128	0–126 -2 - Color 127–254 0 - Color 255–255 2 - Color

RGB 8-bit

3 channels

Ch	Function	Default	DMX values
1	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
2	Green	255	0–0 Min 1–254 Min > Max 255–255 Max

RGB 8-bit (continued)

Ch	Function	Default	DMX values
3	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max

IK 16-bit

4 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	C TC	127	0–23 2400K - CTC 24–48 2800K - CTC 49–73 3200K - CTC 74–98 3600K - CTC 99–125 4000K - CTC 126–149 4440K - CTC 150–174 4800K - CTC 175–199 5200K - CTC 200–224 5600K - CTC 225–254 6000K - CTC 255–255 6500K - CTC
4	C TC Fine	255	Fine byte of C TC

IRGB 8-bit

4 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max
2	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
3	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
4	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max

IKTHS 8-bit

5 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max
2	C TC	127	0–24 2400K - CTC 25–49 2800K - CTC 50–74 3200K - CTC 75–99 3600K - CTC 100–126 4000K - CTC 127–149 4440K - CTC 150–174 4800K - CTC 175–199 5200K - CTC 200–224 5600K - CTC 225–254 6000K - CTC 255–255 6500K - CTC

IKTHS 8-bit (continued)

Ch	Function	Default	DMX values
3	Tint	0	0–126 -2 - Color 127–254 0 - Color 255–255 2 - Color
4	H SBHue	0	0–0 Min 1–254 Min > Max 255–255 Max
5	H SBSaturation	0	0–0 Min 1–254 Min > Max 255–255 Max

IHS 16-bit

6 channels

Ch	Function	Default	DMX values
1	H SBBrightness	0	
2	H SBBrightness Fine	0	Fine byte of H SBBrightness
3	H SBHue	0	
4	H SBHue Fine	0	Fine byte of H SBHue
5	H SBSaturation	0	
6	H SBSaturation Fine	0	Fine byte of H SBSaturation

IKT 16-bit

6 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	C TC	127	0–23 2400K - CTC 24–48 2800K - CTC 49–73 3200K - CTC 74–98 3600K - CTC 99–125 4000K - CTC 126–149 4440K - CTC 150–174 4800K - CTC 175–199 5200K - CTC 200–224 5600K - CTC 225–254 6000K - CTC 255–255 6500K - CTC
4	C TC Fine	255	Fine byte of C TC
5	Tint	127	0–125 -2 - Color 126–254 0 - Color 255–255 2 - Color
6	Tint Fine	255	Fine byte of Tint

IKTRGB 8-bit

6 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max

IKTRGB 8-bit (continued)

Ch	Function	Default	DMX values
2	C TC	127	0–24 2400K - CTC 25–49 2800K - CTC 50–74 3200K - CTC 75–99 3600K - CTC 100–126 4000K - CTC 127–149 4440K - CTC 150–174 4800K - CTC 175–199 5200K - CTC 200–224 5600K - CTC 225–254 6000K - CTC 255–255 6500K - CTC
3	Tint	127	0–126 -2 - Color 127–254 0 - Color 255–255 2 - Color
4	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
5	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
6	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max

RGB 16-bit

6 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Red Fine	255	Fine byte of Red
3	Green	255	
4	Green Fine	255	Fine byte of Green
5	Blue	255	
6	Blue Fine	255	Fine byte of Blue

IRGB 16-bit

8 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Red	255	
4	Red Fine	255	Fine byte of Red
5	Green	255	
6	Green Fine	255	Fine byte of Green
7	Blue	255	
8	Blue Fine	255	Fine byte of Blue

IKTHS 16-bit

10 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer

IKTHS 16-bit (continued)

Ch	Function	Default	DMX values
3	C TC	127	0–23 2400K - CTC 24–48 2800K - CTC 49–73 3200K - CTC 74–98 3600K - CTC 99–125 4000K - CTC 126–149 4440K - CTC 150–174 4800K - CTC 175–199 5200K - CTC 200–224 5600K - CTC 225–254 6000K - CTC 255–255 6500K - CTC
4	C TC Fine	255	Fine byte of C TC
5	Tint	0	0–125 -2 - Color 126–254 0 - Color 255–255 2 - Color
6	Tint Fine	0	Fine byte of Tint
7	H SBHue	0	
8	H SBHue Fine	0	Fine byte of H SBHue
9	H SBSaturation	0	
10	H SBSaturation Fine	0	Fine byte of H SBSaturation

IKTRGB 16-bit

12 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	C TC	127	0–23 2400K - CTC 24–48 2800K - CTC 49–73 3200K - CTC 74–98 3600K - CTC 99–125 4000K - CTC 126–149 4440K - CTC 150–174 4800K - CTC 175–199 5200K - CTC 200–224 5600K - CTC 225–254 6000K - CTC 255–255 6500K - CTC
4	C TC Fine	255	Fine byte of C TC
5	Tint	127	0–125 -2 - Color 126–254 0 - Color 255–255 2 - Color
6	Tint Fine	255	Fine byte of Tint
7	Red	255	
8	Red Fine	255	Fine byte of Red
9	Green	255	
10	Green Fine	255	Fine byte of Green
11	Blue	255	
12	Blue Fine	255	Fine byte of Blue