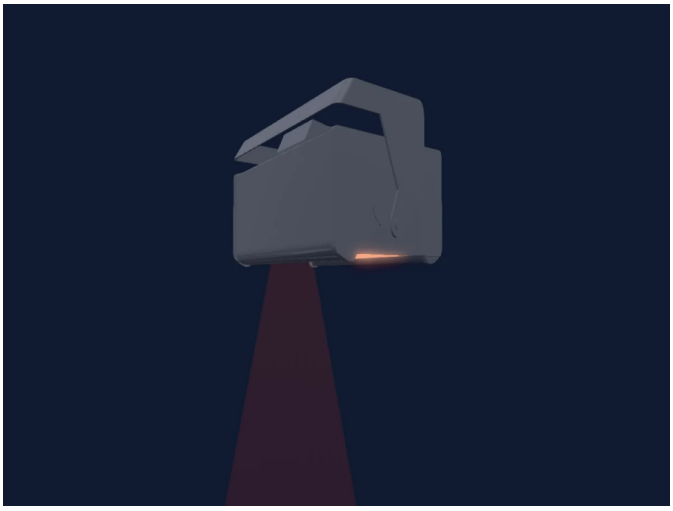
Chroma-Q

Color Force 3 12



Manufacturer	**Chroma-Q**
Type	**Effect light**
DMX modes	**66**
DMX footprint	**1, 2, 3, 4, 6, 7, 8, 10, 12, 14, 16, 17, 19, 20, 21, 23, 27, 29, 31, 34,**
Beam angle	**22°**
Size (W × H × D)	**305 × 179 × 139 mm**
GDTF fixture type	**620EE718-7AA1-4960-AB92-98…**

Controls

Extra LED colours · RGB colour mixing · Colour temperature · Effect speed · Dimmer · Pixel control

Safety-relevant functions

Built-in effect programmes

DMX modes

CONTROL	1 ch
SparQle 8Bit Group By 1	1 ch
SparQle 16Bit Group By 1	2 ch
SparQle 8Bit	2 ch
RGB - 8Bit	3 ch
RGB 8Bit Group By 1	3 ch
RGB 8Bit Group By All	3 ch
RGB Compact 8Bit Group By 1	3 ch
RGBA - 8Bit	4 ch
RGBA 8Bit Group By 1	4 ch
RGBA 8Bit Group By All	4 ch
RGBA Compact 8Bit Group By 1	4 ch
SparQle 16Bit	4 ch
RGB - 16Bit	6 ch
RGB 16Bit Group By All	6 ch
RGB 16Bit Group By 1	6 ch
RGB Compact - 8Bit	6 ch
RGB Compact 16Bit Group By 1	6 ch
RGB Compact 8Bit Group By All	6 ch
RGB Extended - 8Bit	7 ch
RGB Extended 8Bit Group By 1	7 ch
RGB Extended 8Bit Group By All	7 ch
RGBA Compact - 8Bit	7 ch
RGBA Compact 8Bit Group By All	7 ch

RGBA - 16Bit	8 ch
RGBA 16Bit Group By 1	8 ch
RGBA 16Bit Group By All	8 ch
RGBA Compact 16Bit Group By 1	8 ch
RGBA Extended - 8Bit	8 ch
RGBA Extended 8Bit Group By 1	8 ch
RGBA Extended 8Bit Group By All	8 ch
Effects	10 ch
RGB Compact - 16Bit	12 ch
RGB Compact 16Bit Group By All	12 ch
RGB Extended - 16Bit	14 ch
RGB Extended 16Bit Group By 1	14 ch
RGB Extended 16Bit Group By All	14 ch
RGBA Compact - 16Bit	14 ch
RGBA Compact 16Bit Group By All	14 ch
RGB 8Bit Group By All Combined Mode	16 ch
RGBA Extended - 16Bit	16 ch
RGBA Extended 16Bit Group By 1	16 ch
RGBA Extended 16Bit Group By All	16 ch
RGBA 8Bit Group By All Combined Mode	17 ch
RGB Compact Group By All Combined 8Bit Mode	19 ch
RGB Extended Group By All 8Bit Combined Mode	20 ch
RGBA Compact Group By All Combined 8Bit Mode	20 ch
RGB 16Bit Group By All Combined Mode	21 ch
RGBA Extended 8Bit Group By All Combined Mode	21 ch
RGBA 16Bit Group By All Combined Mode	23 ch
RGB Compact Group By All Combined 16Bit Mode	27 ch
RGB Extended 16Bit Group By All Combined Mode	29 ch
RGBA Compact Group By All Combined 16Bit Mode	29 ch
RGB 8Bit Group By 1 Combined Mode	31 ch
RGBA Extended 16Bit Group By All Combined Mode	31 ch
RGB Compact 8Bit Group By 1 Combined Mode	34 ch
RGBA 8Bit Group By 1 Combined Mode	35 ch
RGBA Compact 8Bit Group By 1 Combined Mode	38 ch
RGB Extended 8Bit Group By 1 Combined Mode	47 ch
RGB 16Bit Group By 1 Combined Mode	51 ch
RGBA Extended 8Bit Group By 1 Combined Mode	51 ch
RGB Compact 16Bit Group By 1 Combined Mode	57 ch
RGBA 16Bit Group By 1 Combined Mode	59 ch
RGBA Compact 16Bit Group By 1 Combined Mode	65 ch
RGB Extended 16Bit Group By 1 Combined Mode	83 ch
RGBA Extended 16Bit Group By 1 Combined Mode	91 ch

CONTROL

1 channel

Ch	Function	Default	DMX values
1	Control1	0	

SparQle 8Bit Group By 1

1 channel

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

SparQle 16Bit Group By 1

2 channels

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

SparQle 8Bit

2 channels

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

RGB - 8Bit

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
3	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max

RGB 8Bit Group By 1

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
3	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max

RGB 8Bit Group By All

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
3	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max

RGB Compact 8Bit Group By 1

3 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max
2	C TC	180	
3	Tint	127	0–0 Min 1–254 Min > Max 255–255 Max

RGBA - 8Bit

4 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
3	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
4	Color Add RY	0	0–0 Min 1–254 Min > Max 255–255 Max

RGBA 8Bit Group By 1

4 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
3	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
4	Color Add RY	0	0–0 Min 1–254 Min > Max 255–255 Max

RGBA 8Bit Group By All

4 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
3	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
4	Color Add RY	0	0–0 Min 1–254 Min > Max 255–255 Max

RGBA Compact 8Bit Group By 1

4 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max
2	C TC	180	
3	Tint	127	0–0 Min 1–254 Min > Max 255–255 Max
4	Color Add RY	0	0–0 Min 1–254 Min > Max 255–255 Max

SparQle 16Bit

4 channels

Ch	Function	Default	DMX values
1	White	0	
2	White Fine	0	Fine byte of White
3	White	0	
4	White Fine	0	Fine byte of White

RGB - 16Bit

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

RGB 16Bit Group By All

6 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Red Fine	255	Fine byte of Red

RGB 16Bit Group By All (continued)

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

RGB 16Bit Group By 1

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

RGB Compact - 8Bit

6 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max
2	C TC	180	
3	Tint	127	0–0 Min 1–254 Min > Max 255–255 Max
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 Compact 16Bit Group By 1

6 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	C TC	180	
4	C TC Fine	180	Fine byte of C TC
5	Tint	127	
6	Tint Fine	255	Fine byte of Tint

RGB Compact 8Bit Group By All

6 channels

Ch	Function	Default	DMX values

RGB Compact 8Bit Group By All (continued)

Ch	Function	Default	DMX values
1	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max
2	C TC	180	
3	Tint	127	0–0 Min 1–254 Min > Max 255–255 Max
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 Extended - 8Bit

7 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
5	H SBSaturation	0	0–0 Min 1–254 Min > Max 255–255 Max
6	C TC	180	
7	Tint	127	0–0 Min 1–254 Min > Max 255–255 Max

RGB Extended 8Bit Group By 1

7 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

RGB Extended 8Bit Group By 1 (continued)

Ch	Function	Default	DMX values
4	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
5	H SBSaturation	255	0–0 Min 1–254 Min > Max 255–255 Max
6	C TC	180	
7	Tint	127	0–0 Min 1–254 Min > Max 255–255 Max

RGB Extended 8Bit Group By All

7 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
5	H SBSaturation	0	0–0 Min 1–254 Min > Max 255–255 Max
6	C TC	180	
7	Tint	127	0–0 Min 1–254 Min > Max 255–255 Max

RGBA Compact - 8Bit

7 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max
2	C TC	180	
3	Tint	127	0–0 Min 1–254 Min > Max 255–255 Max
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

RGBA Compact - 8Bit (continued)

Ch	Function	Default	DMX values
7	Color Add RY	0	0–0 Min 1–254 Min > Max 255–255 Max

RGBA Compact 8Bit Group By All

7 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max
2	C TC	180	
3	Tint	127	0–0 Min 1–254 Min > Max 255–255 Max
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
7	Color Add RY	0	0–0 Min 1–254 Min > Max 255–255 Max

RGBA - 16Bit

8 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
7	Color Add RY	0	
8	Color Add RY Fine	0	Fine byte of Color Add RY

RGBA 16Bit Group By 1

8 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
7	Color Add RY	0	
8	Color Add RY Fine	0	Fine byte of Color Add RY

RGBA 16Bit Group By All

8 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
7	Color Add RY	0	
8	Color Add RY Fine	0	Fine byte of Color Add RY

RGBA Compact 16Bit Group By 1

8 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	C TC	180	
4	C TC Fine	180	Fine byte of C TC
5	Tint	127	
6	Tint Fine	255	Fine byte of Tint
7	Color Add RY	0	
8	Color Add RY Fine	0	Fine byte of Color Add RY

RGBA Extended - 8Bit

8 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
5	Color Add RY	0	0–0 Min 1–254 Min > Max 255–255 Max
6	H SBSaturation	0	0–0 Min 1–254 Min > Max 255–255 Max
7	C TC	180	
8	Tint	127	0–0 Min 1–254 Min > Max 255–255 Max

RGBA Extended 8Bit Group By 1

8 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
5	Color Add RY	0	0–0 Min 1–254 Min > Max 255–255 Max
6	H SBSaturation	255	0–0 Min 1–254 Min > Max 255–255 Max
7	C TC	180	
8	Tint	127	0–0 Min 1–254 Min > Max 255–255 Max

RGBA Extended 8Bit Group By All

8 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
5	Color Add RY	0	0–0 Min 1–254 Min > Max 255–255 Max
6	H SBSaturation	0	0–0 Min 1–254 Min > Max 255–255 Max
7	C TC	180	
8	Tint	127	0–0 Min 1–254 Min > Max 255–255 Max

Effects

10 channels

Ch	Function	Default	DMX values

Effects (continued)

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

Effects (continued)

Ch	Function	Default	DMX values
2	Effect	0	0–0 Effect Off - Effect 1–1 Effect 1 - Effect 2–2 Effect 2 - Effect 3–3 Effect 3 - Effect 4–4 Effect 4 - Effect 5–5 Effect 5 - Effect 6–6 Effect 6 - Effect 7–7 Effect 7 - Effect 8–8 Effect 8 - Effect 9–9 Effect 9 - Effect 10–10 Effect 10 - Effect 11–11 Effect 11 - Effect 12–12 Effect 12 - Effect 13–13 Effect 13 - Effect 14–14 Effect 14 - Effect 15–15 Effect 15 - Effect 16–16 Effect 16 - Effect 17–17 Effect 17 - Effect 18–18 Effect 18 - Effect 19–19 Effect 19 - Effect 20–20 Effect 20 - Effect 21–21 Effect 21 - Effect 22–22 Effect 22 - Effect 23–23 Effect 23 - Effect 24–24 Effect 24 - Effect 25–25 Effect 25 - Effect 26–26 Effect 26 - Effect 27–27 Effect 27 - Effect 28–28 Effect 28 - Effect 29–29 Effect 29 - Effect 30–30 Effect 30 - Effect 31–31 Effect 31 - Effect 32–32 Effect 32 - Effect 33–33 Effect 33 - Effect 34–34 Effect 34 - Effect 35–35 Effect 35 - Effect 36–36 Effect 36 - Effect 37–37 Effect 37 - Effect 38–38 Effect 38 - Effect 39–39 Effect 39 - Effect 40–40 Effect 40 - Effect 41–41 Effect 41 - Effect 42–42 Effect 42 - Effect 43–43 Effect 43 - Effect 44–44 Effect 44 - Effect 45–45 Effect 45 - Effect 46–46 Effect 46 - Effect 47–47 Effect 47 - Effect 48–48 Effect 48 - Effect 49–49 Effect 49 - Effect 50–50 Effect 50 - Effect 51–51 Effect 51 - Effect 52–52 Effect 52 - Effect 53–53 Effect 53 - Effect 54–54 Effect 54 - Effect 55–55 Effect 55 - Effect 56–56 Effect 56 - Effect 57–57 Effect 57 - Effect 58–58 Effect 58 - Effect 59–59 Effect 59 - Effect 60–60 Effect 60 - Effect 61–61 Effect 61 - Effect 62–62 Effect 62 - Effect 63–63 Effect 63 - Effect

Effects (continued)

Ch	Function	Default	DMX values
3	Effect Speed	0	0–0 Stop - Stop Loop 1–127 CCW S > F - Speed 128–254 CW F > S - Speed 255–255 Stop - Stop Loop
4	Effects1Adjust1	0	0–0 Min 1–254 Min > Max 255–255 Max
5	Effects Sync	0	0–0 Min 1–254 Min > Max 255–255 Max
6	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max

Effects (continued)

Ch	Function	Default	DMX values
7	Effect 2	0	0–0 Effect Off - Effect 1–1 Effect 1 - Effect 2–2 Effect 2 - Effect 3–3 Effect 3 - Effect 4–4 Effect 4 - Effect 5–5 Effect 5 - Effect 6–6 Effect 6 - Effect 7–7 Effect 7 - Effect 8–8 Effect 8 - Effect 9–9 Effect 9 - Effect 10–10 Effect 10 - Effect 11–11 Effect 11 - Effect 12–12 Effect 12 - Effect 13–13 Effect 13 - Effect 14–14 Effect 14 - Effect 15–15 Effect 15 - Effect 16–16 Effect 16 - Effect 17–17 Effect 17 - Effect 18–18 Effect 18 - Effect 19–19 Effect 19 - Effect 20–20 Effect 20 - Effect 21–21 Effect 21 - Effect 22–22 Effect 22 - Effect 23–23 Effect 23 - Effect 24–24 Effect 24 - Effect 25–25 Effect 25 - Effect 26–26 Effect 26 - Effect 27–27 Effect 27 - Effect 28–28 Effect 28 - Effect 29–29 Effect 29 - Effect 30–30 Effect 30 - Effect 31–31 Effect 31 - Effect 32–32 Effect 32 - Effect 33–33 Effect 33 - Effect 34–34 Effect 34 - Effect 35–35 Effect 35 - Effect 36–36 Effect 36 - Effect 37–37 Effect 37 - Effect 38–38 Effect 38 - Effect 39–39 Effect 39 - Effect 40–40 Effect 40 - Effect 41–41 Effect 41 - Effect 42–42 Effect 42 - Effect 43–43 Effect 43 - Effect 44–44 Effect 44 - Effect 45–45 Effect 45 - Effect 46–46 Effect 46 - Effect 47–47 Effect 47 - Effect 48–48 Effect 48 - Effect 49–49 Effect 49 - Effect 50–50 Effect 50 - Effect 51–51 Effect 51 - Effect 52–52 Effect 52 - Effect 53–53 Effect 53 - Effect 54–54 Effect 54 - Effect 55–55 Effect 55 - Effect 56–56 Effect 56 - Effect 57–57 Effect 57 - Effect 58–58 Effect 58 - Effect 59–59 Effect 59 - Effect 60–60 Effect 60 - Effect 61–61 Effect 61 - Effect 62–62 Effect 62 - Effect 63–63 Effect 63 - Effect

Effects (continued)

Ch	Function	Default	DMX values
8	Effect Speed 2	0	0–0 Stop - Stop Loop 1–127 CCW S > F - Speed 128–254 CW F > S - Speed 255–255 Stop - Stop Loop
9	Effects2Adjust1	0	0–0 Min 1–254 Min > Max 255–255 Max
10	Effects Sync	0	0–0 Min 1–254 Min > Max 255–255 Max

RGB Compact - 16Bit

12 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	C TC	180	
4	C TC Fine	180	Fine byte of C TC
5	Tint	127	
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

RGB Compact 16Bit Group By All

12 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	C TC	180	
4	C TC Fine	180	Fine byte of C TC
5	Tint	127	
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

RGB Extended - 16Bit

14 channels

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

RGB Extended - 16Bit (continued)

Ch	Function	Default	DMX values
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
9	H SBSaturation	0	
10	H SBSaturation Fine	0	Fine byte of H SBSaturation
11	C TC	180	
12	C TC Fine	180	Fine byte of C TC
13	Tint	127	
14	Tint Fine	255	Fine byte of Tint

RGB Extended 16Bit Group By 1

14 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
9	H SBSaturation	255	
10	H SBSaturation Fine	255	Fine byte of H SBSaturation
11	C TC	180	
12	C TC Fine	180	Fine byte of C TC
13	Tint	127	
14	Tint Fine	255	Fine byte of Tint

RGB Extended 16Bit Group By All

14 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
9	H SBSaturation	0	
10	H SBSaturation Fine	0	Fine byte of H SBSaturation
11	C TC	180	
12	C TC Fine	180	Fine byte of C TC

RGB Extended 16Bit Group By All (continued)

Ch	Function	Default	DMX values
13	Tint	127	
14	Tint Fine	255	Fine byte of Tint

RGBA Compact - 16Bit

14 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	C TC	180	
4	C TC Fine	180	Fine byte of C TC
5	Tint	127	
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
13	Color Add RY	0	
14	Color Add RY Fine	0	Fine byte of Color Add RY

RGBA Compact 16Bit Group By All

14 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	C TC	180	
4	C TC Fine	180	Fine byte of C TC
5	Tint	127	
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
13	Color Add RY	0	
14	Color Add RY Fine	0	Fine byte of Color Add RY

RGB 8Bit Group By All Combined Mode

16 channels

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

RGB 8Bit Group By All Combined Mode (continued)

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

RGB 8Bit Group By All Combined Mode (continued)

Ch	Function	Default	DMX values
7	Effect	0	0–0 Effect Off 1–1 Effect 1 2–2 Effect 2 3–3 Effect 3 4–4 Effect 4 5–5 Effect 5 6–6 Effect 6 7–7 Effect 7 8–8 Effect 8 9–9 Effect 9 10–10 Effect 10 11–11 Effect 11 12–12 Effect 12 13–13 Effect 13 14–14 Effect 14 15–15 Effect 15 16–16 Effect 16 17–17 Effect 17 18–18 Effect 18 19–19 Effect 19 20–20 Effect 20 21–21 Effect 21 22–22 Effect 22 23–23 Effect 23 24–24 Effect 24 25–25 Effect 25 26–26 Effect 26 27–27 Effect 27 28–28 Effect 28 29–29 Effect 29 30–30 Effect 30 31–31 Effect 31 32–32 Effect 32 33–33 Effect 33 34–34 Effect 34 35–35 Effect 35 36–36 Effect 36 37–37 Effect 37 38–38 Effect 38 39–39 Effect 39 40–40 Effect 40 41–41 Effect 41 42–42 Effect 42 43–43 Effect 43 44–44 Effect 44 45–45 Effect 45 46–46 Effect 46 47–47 Effect 47 48–48 Effect 48 49–49 Effect 49 50–50 Effect 50 51–51 Effect 51 52–52 Effect 52 53–53 Effect 53 54–54 Effect 54 55–55 Effect 55 56–56 Effect 56 57–57 Effect 57 58–58 Effect 58 59–59 Effect 59 60–60 Effect 60 61–61 Effect 61 62–62 Effect 62 63–63 Effect 63

RGB 8Bit Group By All Combined Mode (continued)

Ch	Function	Default	DMX values
8	Effect Speed	0	0–0 Stop 1–127 CCW S > F 128–254 CW F > S 255–255 Stop
9	Effects1Adjust1	0	0–0 Min 1–254 Min > Max 255–255 Max
10	Effects Sync	0	0–0 Min 1–254 Min > Max 255–255 Max
11	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max

RGB 8Bit Group By All Combined Mode (continued)

Ch	Function	Default	DMX values
12	Effect 2	0	0–0 Effect Off 1–1 Effect 1 2–2 Effect 2 3–3 Effect 3 4–4 Effect 4 5–5 Effect 5 6–6 Effect 6 7–7 Effect 7 8–8 Effect 8 9–9 Effect 9 10–10 Effect 10 11–11 Effect 11 12–12 Effect 12 13–13 Effect 13 14–14 Effect 14 15–15 Effect 15 16–16 Effect 16 17–17 Effect 17 18–18 Effect 18 19–19 Effect 19 20–20 Effect 20 21–21 Effect 21 22–22 Effect 22 23–23 Effect 23 24–24 Effect 24 25–25 Effect 25 26–26 Effect 26 27–27 Effect 27 28–28 Effect 28 29–29 Effect 29 30–30 Effect 30 31–31 Effect 31 32–32 Effect 32 33–33 Effect 33 34–34 Effect 34 35–35 Effect 35 36–36 Effect 36 37–37 Effect 37 38–38 Effect 38 39–39 Effect 39 40–40 Effect 40 41–41 Effect 41 42–42 Effect 42 43–43 Effect 43 44–44 Effect 44 45–45 Effect 45 46–46 Effect 46 47–47 Effect 47 48–48 Effect 48 49–49 Effect 49 50–50 Effect 50 51–51 Effect 51 52–52 Effect 52 53–53 Effect 53 54–54 Effect 54 55–55 Effect 55 56–56 Effect 56 57–57 Effect 57 58–58 Effect 58 59–59 Effect 59 60–60 Effect 60 61–61 Effect 61 62–62 Effect 62 63–63 Effect 63

RGB 8Bit Group By All Combined Mode (continued)

Ch	Function	Default	DMX values
13	Effect Speed 2	0	0–0 Stop 1–127 CCW S > F 128–254 CW F > S 255–255 Stop
14	Effects2Adjust1	0	0–0 Min 1–254 Min > Max 255–255 Max
15	Effects Sync	0	0–0 Min 1–254 Min > Max 255–255 Max
16	Control1	0	

RGBA Extended - 16Bit

16 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
9	Color Add RY	0	
10	Color Add RY Fine	0	Fine byte of Color Add RY
11	H SBSaturation	0	
12	H SBSaturation Fine	0	Fine byte of H SBSaturation
13	C TC	180	
14	C TC Fine	180	Fine byte of C TC
15	Tint	127	
16	Tint Fine	255	Fine byte of Tint

RGBA Extended 16Bit Group By 1

16 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
9	Color Add RY	0	
10	Color Add RY Fine	0	Fine byte of Color Add RY
11	H SBSaturation	255	
12	H SBSaturation Fine	255	Fine byte of H SBSaturation
13	C TC	180	

RGBA Extended 16Bit Group By 1 (continued)

Ch	Function	Default	DMX values
14	C TC Fine	180	Fine byte of C TC
15	Tint	127	
16	Tint Fine	255	Fine byte of Tint

RGBA Extended 16Bit Group By All

16 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
9	Color Add RY	0	
10	Color Add RY Fine	0	Fine byte of Color Add RY
11	H SBSaturation	0	
12	H SBSaturation Fine	0	Fine byte of H SBSaturation
13	C TC	180	
14	C TC Fine	180	Fine byte of C TC
15	Tint	127	
16	Tint Fine	255	Fine byte of Tint

RGBA 8Bit Group By All Combined Mode

17 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
3	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
4	Color Add RY	0	0–0 Min 1–254 Min > Max 255–255 Max
5	White	255	0–0 Min 1–254 Min > Max 255–255 Max
6	White	255	0–0 Min 1–254 Min > Max 255–255 Max
7	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max

RGBA 8Bit Group By All Combined Mode (continued)

Ch	Function	Default	DMX values
8	Effect	0	0–0 Effect Off 1–1 Effect 1 2–2 Effect 2 3–3 Effect 3 4–4 Effect 4 5–5 Effect 5 6–6 Effect 6 7–7 Effect 7 8–8 Effect 8 9–9 Effect 9 10–10 Effect 10 11–11 Effect 11 12–12 Effect 12 13–13 Effect 13 14–14 Effect 14 15–15 Effect 15 16–16 Effect 16 17–17 Effect 17 18–18 Effect 18 19–19 Effect 19 20–20 Effect 20 21–21 Effect 21 22–22 Effect 22 23–23 Effect 23 24–24 Effect 24 25–25 Effect 25 26–26 Effect 26 27–27 Effect 27 28–28 Effect 28 29–29 Effect 29 30–30 Effect 30 31–31 Effect 31 32–32 Effect 32 33–33 Effect 33 34–34 Effect 34 35–35 Effect 35 36–36 Effect 36 37–37 Effect 37 38–38 Effect 38 39–39 Effect 39 40–40 Effect 40 41–41 Effect 41 42–42 Effect 42 43–43 Effect 43 44–44 Effect 44 45–45 Effect 45 46–46 Effect 46 47–47 Effect 47 48–48 Effect 48 49–49 Effect 49 50–50 Effect 50 51–51 Effect 51 52–52 Effect 52 53–53 Effect 53 54–54 Effect 54 55–55 Effect 55 56–56 Effect 56 57–57 Effect 57 58–58 Effect 58 59–59 Effect 59 60–60 Effect 60 61–61 Effect 61 62–62 Effect 62 63–63 Effect 63

RGBA 8Bit Group By All Combined Mode (continued)

Ch	Function	Default	DMX values
9	Effect Speed	0	0–0 Stop 1–127 CCW S > F 128–254 CW F > S 255–255 Stop
10	Effects1Adjust1	0	0–0 Min 1–254 Min > Max 255–255 Max
11	Effects Sync	0	0–0 Min 1–254 Min > Max 255–255 Max
12	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max

RGBA 8Bit Group By All Combined Mode (continued)

Ch	Function	Default	DMX values
13	Effect 2	0	0–0 Effect Off 1–1 Effect 1 2–2 Effect 2 3–3 Effect 3 4–4 Effect 4 5–5 Effect 5 6–6 Effect 6 7–7 Effect 7 8–8 Effect 8 9–9 Effect 9 10–10 Effect 10 11–11 Effect 11 12–12 Effect 12 13–13 Effect 13 14–14 Effect 14 15–15 Effect 15 16–16 Effect 16 17–17 Effect 17 18–18 Effect 18 19–19 Effect 19 20–20 Effect 20 21–21 Effect 21 22–22 Effect 22 23–23 Effect 23 24–24 Effect 24 25–25 Effect 25 26–26 Effect 26 27–27 Effect 27 28–28 Effect 28 29–29 Effect 29 30–30 Effect 30 31–31 Effect 31 32–32 Effect 32 33–33 Effect 33 34–34 Effect 34 35–35 Effect 35 36–36 Effect 36 37–37 Effect 37 38–38 Effect 38 39–39 Effect 39 40–40 Effect 40 41–41 Effect 41 42–42 Effect 42 43–43 Effect 43 44–44 Effect 44 45–45 Effect 45 46–46 Effect 46 47–47 Effect 47 48–48 Effect 48 49–49 Effect 49 50–50 Effect 50 51–51 Effect 51 52–52 Effect 52 53–53 Effect 53 54–54 Effect 54 55–55 Effect 55 56–56 Effect 56 57–57 Effect 57 58–58 Effect 58 59–59 Effect 59 60–60 Effect 60 61–61 Effect 61 62–62 Effect 62 63–63 Effect 63

RGBA 8Bit Group By All Combined Mode (continued)

Ch	Function	Default	DMX values
14	Effect Speed 2	0	0–0 Stop 1–127 CCW S > F 128–254 CW F > S 255–255 Stop
15	Effects2Adjust1	0	0–0 Min 1–254 Min > Max 255–255 Max
16	Effects Sync	0	0–0 Min 1–254 Min > Max 255–255 Max
17	Control1	0	

RGB Compact Group By All Combined 8Bit Mode

19 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max
2	C TC	180	
3	Tint	127	0–0 Min 1–254 Min > Max 255–255 Max
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
7	White	255	0–0 Min 1–254 Min > Max 255–255 Max
8	White	255	0–0 Min 1–254 Min > Max 255–255 Max
9	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max

RGB Compact Group By All Combined 8Bit Mode (continued)

Ch	Function	Default	DMX values
10	Effect	0	0–0 Effect Off 1–1 Effect 1 2–2 Effect 2 3–3 Effect 3 4–4 Effect 4 5–5 Effect 5 6–6 Effect 6 7–7 Effect 7 8–8 Effect 8 9–9 Effect 9 10–10 Effect 10 11–11 Effect 11 12–12 Effect 12 13–13 Effect 13 14–14 Effect 14 15–15 Effect 15 16–16 Effect 16 17–17 Effect 17 18–18 Effect 18 19–19 Effect 19 20–20 Effect 20 21–21 Effect 21 22–22 Effect 22 23–23 Effect 23 24–24 Effect 24 25–25 Effect 25 26–26 Effect 26 27–27 Effect 27 28–28 Effect 28 29–29 Effect 29 30–30 Effect 30 31–31 Effect 31 32–32 Effect 32 33–33 Effect 33 34–34 Effect 34 35–35 Effect 35 36–36 Effect 36 37–37 Effect 37 38–38 Effect 38 39–39 Effect 39 40–40 Effect 40 41–41 Effect 41 42–42 Effect 42 43–43 Effect 43 44–44 Effect 44 45–45 Effect 45 46–46 Effect 46 47–47 Effect 47 48–48 Effect 48 49–49 Effect 49 50–50 Effect 50 51–51 Effect 51 52–52 Effect 52 53–53 Effect 53 54–54 Effect 54 55–55 Effect 55 56–56 Effect 56 57–57 Effect 57 58–58 Effect 58 59–59 Effect 59 60–60 Effect 60 61–61 Effect 61 62–62 Effect 62 63–63 Effect 63

RGB Compact Group By All Combined 8Bit Mode (continued)

Ch	Function	Default	DMX values
11	Effect Speed	0	0–0 Stop 1–127 CCW S > F 128–254 CW F > S 255–255 Stop
12	Effects1Adjust1	0	0–0 Min 1–254 Min > Max 255–255 Max
13	Effects Sync	0	0–0 Min 1–254 Min > Max 255–255 Max
14	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max

RGB Compact Group By All Combined 8Bit Mode (continued)

Ch	Function	Default	DMX values
15	Effect 2	0	0–0 Effect Off 1–1 Effect 1 2–2 Effect 2 3–3 Effect 3 4–4 Effect 4 5–5 Effect 5 6–6 Effect 6 7–7 Effect 7 8–8 Effect 8 9–9 Effect 9 10–10 Effect 10 11–11 Effect 11 12–12 Effect 12 13–13 Effect 13 14–14 Effect 14 15–15 Effect 15 16–16 Effect 16 17–17 Effect 17 18–18 Effect 18 19–19 Effect 19 20–20 Effect 20 21–21 Effect 21 22–22 Effect 22 23–23 Effect 23 24–24 Effect 24 25–25 Effect 25 26–26 Effect 26 27–27 Effect 27 28–28 Effect 28 29–29 Effect 29 30–30 Effect 30 31–31 Effect 31 32–32 Effect 32 33–33 Effect 33 34–34 Effect 34 35–35 Effect 35 36–36 Effect 36 37–37 Effect 37 38–38 Effect 38 39–39 Effect 39 40–40 Effect 40 41–41 Effect 41 42–42 Effect 42 43–43 Effect 43 44–44 Effect 44 45–45 Effect 45 46–46 Effect 46 47–47 Effect 47 48–48 Effect 48 49–49 Effect 49 50–50 Effect 50 51–51 Effect 51 52–52 Effect 52 53–53 Effect 53 54–54 Effect 54 55–55 Effect 55 56–56 Effect 56 57–57 Effect 57 58–58 Effect 58 59–59 Effect 59 60–60 Effect 60 61–61 Effect 61 62–62 Effect 62 63–63 Effect 63

RGB Compact Group By All Combined 8Bit Mode (continued)

Ch	Function	Default	DMX values
16	Effect Speed 2	0	0–0 Stop 1–127 CCW S > F 128–254 CW F > S 255–255 Stop
17	Effects2Adjust1	0	0–0 Min 1–254 Min > Max 255–255 Max
18	Effects Sync	0	0–0 Min 1–254 Min > Max 255–255 Max
19	Control1	0	

RGB Extended Group By All 8Bit Combined Mode

20 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
5	H SBSaturation	0	0–0 Min 1–254 Min > Max 255–255 Max
6	C TC	180	
7	Tint	127	0–0 Min 1–254 Min > Max 255–255 Max
8	White	255	0–0 Min 1–254 Min > Max 255–255 Max
9	White	255	0–0 Min 1–254 Min > Max 255–255 Max
10	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max

RGB Extended Group By All 8Bit Combined Mode (continued)

Ch	Function	Default	DMX values
11	Effect	0	0–0 Effect Off 1–1 Effect 1 2–2 Effect 2 3–3 Effect 3 4–4 Effect 4 5–5 Effect 5 6–6 Effect 6 7–7 Effect 7 8–8 Effect 8 9–9 Effect 9 10–10 Effect 10 11–11 Effect 11 12–12 Effect 12 13–13 Effect 13 14–14 Effect 14 15–15 Effect 15 16–16 Effect 16 17–17 Effect 17 18–18 Effect 18 19–19 Effect 19 20–20 Effect 20 21–21 Effect 21 22–22 Effect 22 23–23 Effect 23 24–24 Effect 24 25–25 Effect 25 26–26 Effect 26 27–27 Effect 27 28–28 Effect 28 29–29 Effect 29 30–30 Effect 30 31–31 Effect 31 32–32 Effect 32 33–33 Effect 33 34–34 Effect 34 35–35 Effect 35 36–36 Effect 36 37–37 Effect 37 38–38 Effect 38 39–39 Effect 39 40–40 Effect 40 41–41 Effect 41 42–42 Effect 42 43–43 Effect 43 44–44 Effect 44 45–45 Effect 45 46–46 Effect 46 47–47 Effect 47 48–48 Effect 48 49–49 Effect 49 50–50 Effect 50 51–51 Effect 51 52–52 Effect 52 53–53 Effect 53 54–54 Effect 54 55–55 Effect 55 56–56 Effect 56 57–57 Effect 57 58–58 Effect 58 59–59 Effect 59 60–60 Effect 60 61–61 Effect 61 62–62 Effect 62 63–63 Effect 63

RGB Extended Group By All 8Bit Combined Mode (continued)

Ch	Function	Default	DMX values
12	Effect Speed	0	0–0 Stop 1–127 CCW S > F 128–254 CW F > S 255–255 Stop
13	Effects1Adjust1	0	0–0 Min 1–254 Min > Max 255–255 Max
14	Effects Sync	0	0–0 Min 1–254 Min > Max 255–255 Max
15	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max

RGB Extended Group By All 8Bit Combined Mode (continued)

Ch	Function	Default	DMX values
16	Effect 2	0	0–0 Effect Off 1–1 Effect 1 2–2 Effect 2 3–3 Effect 3 4–4 Effect 4 5–5 Effect 5 6–6 Effect 6 7–7 Effect 7 8–8 Effect 8 9–9 Effect 9 10–10 Effect 10 11–11 Effect 11 12–12 Effect 12 13–13 Effect 13 14–14 Effect 14 15–15 Effect 15 16–16 Effect 16 17–17 Effect 17 18–18 Effect 18 19–19 Effect 19 20–20 Effect 20 21–21 Effect 21 22–22 Effect 22 23–23 Effect 23 24–24 Effect 24 25–25 Effect 25 26–26 Effect 26 27–27 Effect 27 28–28 Effect 28 29–29 Effect 29 30–30 Effect 30 31–31 Effect 31 32–32 Effect 32 33–33 Effect 33 34–34 Effect 34 35–35 Effect 35 36–36 Effect 36 37–37 Effect 37 38–38 Effect 38 39–39 Effect 39 40–40 Effect 40 41–41 Effect 41 42–42 Effect 42 43–43 Effect 43 44–44 Effect 44 45–45 Effect 45 46–46 Effect 46 47–47 Effect 47 48–48 Effect 48 49–49 Effect 49 50–50 Effect 50 51–51 Effect 51 52–52 Effect 52 53–53 Effect 53 54–54 Effect 54 55–55 Effect 55 56–56 Effect 56 57–57 Effect 57 58–58 Effect 58 59–59 Effect 59 60–60 Effect 60 61–61 Effect 61 62–62 Effect 62 63–63 Effect 63

RGB Extended Group By All 8Bit Combined Mode (continued)

Ch	Function	Default	DMX values
17	Effect Speed 2	0	0–0 Stop 1–127 CCW S > F 128–254 CW F > S 255–255 Stop
18	Effects2Adjust1	0	0–0 Min 1–254 Min > Max 255–255 Max
19	Effects Sync	0	0–0 Min 1–254 Min > Max 255–255 Max
20	Control1	0	

RGBA Compact Group By All Combined 8Bit Mode

20 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max
2	C TC	180	
3	Tint	127	0–0 Min 1–254 Min > Max 255–255 Max
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
7	Color Add RY	0	0–0 Min 1–254 Min > Max 255–255 Max
8	White	255	0–0 Min 1–254 Min > Max 255–255 Max
9	White	255	0–0 Min 1–254 Min > Max 255–255 Max
10	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max

RGBA Compact Group By All Combined 8Bit Mode (continued)

Ch	Function	Default	DMX values
11	Effect	0	0–0 Effect Off 1–1 Effect 1 2–2 Effect 2 3–3 Effect 3 4–4 Effect 4 5–5 Effect 5 6–6 Effect 6 7–7 Effect 7 8–8 Effect 8 9–9 Effect 9 10–10 Effect 10 11–11 Effect 11 12–12 Effect 12 13–13 Effect 13 14–14 Effect 14 15–15 Effect 15 16–16 Effect 16 17–17 Effect 17 18–18 Effect 18 19–19 Effect 19 20–20 Effect 20 21–21 Effect 21 22–22 Effect 22 23–23 Effect 23 24–24 Effect 24 25–25 Effect 25 26–26 Effect 26 27–27 Effect 27 28–28 Effect 28 29–29 Effect 29 30–30 Effect 30 31–31 Effect 31 32–32 Effect 32 33–33 Effect 33 34–34 Effect 34 35–35 Effect 35 36–36 Effect 36 37–37 Effect 37 38–38 Effect 38 39–39 Effect 39 40–40 Effect 40 41–41 Effect 41 42–42 Effect 42 43–43 Effect 43 44–44 Effect 44 45–45 Effect 45 46–46 Effect 46 47–47 Effect 47 48–48 Effect 48 49–49 Effect 49 50–50 Effect 50 51–51 Effect 51 52–52 Effect 52 53–53 Effect 53 54–54 Effect 54 55–55 Effect 55 56–56 Effect 56 57–57 Effect 57 58–58 Effect 58 59–59 Effect 59 60–60 Effect 60 61–61 Effect 61 62–62 Effect 62 63–63 Effect 63

RGBA Compact Group By All Combined 8Bit Mode (continued)

Ch	Function	Default	DMX values
12	Effect Speed	0	0–0 Stop 1–127 CCW S > F 128–254 CW F > S 255–255 Stop
13	Effects1Adjust1	0	0–0 Min 1–254 Min > Max 255–255 Max
14	Effects Sync	0	0–0 Min 1–254 Min > Max 255–255 Max
15	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max

RGBA Compact Group By All Combined 8Bit Mode (continued)

Ch	Function	Default	DMX values
16	Effect 2	0	0–0 Effect Off 1–1 Effect 1 2–2 Effect 2 3–3 Effect 3 4–4 Effect 4 5–5 Effect 5 6–6 Effect 6 7–7 Effect 7 8–8 Effect 8 9–9 Effect 9 10–10 Effect 10 11–11 Effect 11 12–12 Effect 12 13–13 Effect 13 14–14 Effect 14 15–15 Effect 15 16–16 Effect 16 17–17 Effect 17 18–18 Effect 18 19–19 Effect 19 20–20 Effect 20 21–21 Effect 21 22–22 Effect 22 23–23 Effect 23 24–24 Effect 24 25–25 Effect 25 26–26 Effect 26 27–27 Effect 27 28–28 Effect 28 29–29 Effect 29 30–30 Effect 30 31–31 Effect 31 32–32 Effect 32 33–33 Effect 33 34–34 Effect 34 35–35 Effect 35 36–36 Effect 36 37–37 Effect 37 38–38 Effect 38 39–39 Effect 39 40–40 Effect 40 41–41 Effect 41 42–42 Effect 42 43–43 Effect 43 44–44 Effect 44 45–45 Effect 45 46–46 Effect 46 47–47 Effect 47 48–48 Effect 48 49–49 Effect 49 50–50 Effect 50 51–51 Effect 51 52–52 Effect 52 53–53 Effect 53 54–54 Effect 54 55–55 Effect 55 56–56 Effect 56 57–57 Effect 57 58–58 Effect 58 59–59 Effect 59 60–60 Effect 60 61–61 Effect 61 62–62 Effect 62 63–63 Effect 63

RGBA Compact Group By All Combined 8Bit Mode (continued)

Ch	Function	Default	DMX values
17	Effect Speed 2	0	0–0 Stop 1–127 CCW S > F 128–254 CW F > S 255–255 Stop
18	Effects2Adjust1	0	0–0 Min 1–254 Min > Max 255–255 Max
19	Effects Sync	0	0–0 Min 1–254 Min > Max 255–255 Max
20	Control1	0	

RGB 16Bit Group By All Combined Mode

21 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
7	White	255	
8	White Fine	255	Fine byte of White
9	White	255	
10	White Fine	255	Fine byte of White
11	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max

RGB 16Bit Group By All Combined Mode (continued)

Ch	Function	Default	DMX values
12	Effect	0	0–0 Effect Off 1–1 Effect 1 2–2 Effect 2 3–3 Effect 3 4–4 Effect 4 5–5 Effect 5 6–6 Effect 6 7–7 Effect 7 8–8 Effect 8 9–9 Effect 9 10–10 Effect 10 11–11 Effect 11 12–12 Effect 12 13–13 Effect 13 14–14 Effect 14 15–15 Effect 15 16–16 Effect 16 17–17 Effect 17 18–18 Effect 18 19–19 Effect 19 20–20 Effect 20 21–21 Effect 21 22–22 Effect 22 23–23 Effect 23 24–24 Effect 24 25–25 Effect 25 26–26 Effect 26 27–27 Effect 27 28–28 Effect 28 29–29 Effect 29 30–30 Effect 30 31–31 Effect 31 32–32 Effect 32 33–33 Effect 33 34–34 Effect 34 35–35 Effect 35 36–36 Effect 36 37–37 Effect 37 38–38 Effect 38 39–39 Effect 39 40–40 Effect 40 41–41 Effect 41 42–42 Effect 42 43–43 Effect 43 44–44 Effect 44 45–45 Effect 45 46–46 Effect 46 47–47 Effect 47 48–48 Effect 48 49–49 Effect 49 50–50 Effect 50 51–51 Effect 51 52–52 Effect 52 53–53 Effect 53 54–54 Effect 54 55–55 Effect 55 56–56 Effect 56 57–57 Effect 57 58–58 Effect 58 59–59 Effect 59 60–60 Effect 60 61–61 Effect 61 62–62 Effect 62 63–63 Effect 63

RGB 16Bit Group By All Combined Mode (continued)

Ch	Function	Default	DMX values
13	Effect Speed	0	0–0 Stop 1–127 CCW S > F 128–254 CW F > S 255–255 Stop
14	Effects1Adjust1	0	0–0 Min 1–254 Min > Max 255–255 Max
15	Effects Sync	0	0–0 Min 1–254 Min > Max 255–255 Max
16	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max

RGB 16Bit Group By All Combined Mode (continued)

Ch	Function	Default	DMX values
17	Effect 2	0	0–0 Effect Off 1–1 Effect 1 2–2 Effect 2 3–3 Effect 3 4–4 Effect 4 5–5 Effect 5 6–6 Effect 6 7–7 Effect 7 8–8 Effect 8 9–9 Effect 9 10–10 Effect 10 11–11 Effect 11 12–12 Effect 12 13–13 Effect 13 14–14 Effect 14 15–15 Effect 15 16–16 Effect 16 17–17 Effect 17 18–18 Effect 18 19–19 Effect 19 20–20 Effect 20 21–21 Effect 21 22–22 Effect 22 23–23 Effect 23 24–24 Effect 24 25–25 Effect 25 26–26 Effect 26 27–27 Effect 27 28–28 Effect 28 29–29 Effect 29 30–30 Effect 30 31–31 Effect 31 32–32 Effect 32 33–33 Effect 33 34–34 Effect 34 35–35 Effect 35 36–36 Effect 36 37–37 Effect 37 38–38 Effect 38 39–39 Effect 39 40–40 Effect 40 41–41 Effect 41 42–42 Effect 42 43–43 Effect 43 44–44 Effect 44 45–45 Effect 45 46–46 Effect 46 47–47 Effect 47 48–48 Effect 48 49–49 Effect 49 50–50 Effect 50 51–51 Effect 51 52–52 Effect 52 53–53 Effect 53 54–54 Effect 54 55–55 Effect 55 56–56 Effect 56 57–57 Effect 57 58–58 Effect 58 59–59 Effect 59 60–60 Effect 60 61–61 Effect 61 62–62 Effect 62 63–63 Effect 63

RGB 16Bit Group By All Combined Mode (continued)

Ch	Function	Default	DMX values
18	Effect Speed 2	0	0–0 Stop 1–127 CCW S > F 128–254 CW F > S 255–255 Stop
19	Effects2Adjust1	0	0–0 Min 1–254 Min > Max 255–255 Max
20	Effects Sync	0	0–0 Min 1–254 Min > Max 255–255 Max
21	Control1	0	

RGBA Extended 8Bit Group By All Combined Mode

21 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
5	Color Add RY	0	0–0 Min 1–254 Min > Max 255–255 Max
6	H SBSaturation	0	0–0 Min 1–254 Min > Max 255–255 Max
7	C TC	180	
8	Tint	127	0–0 Min 1–254 Min > Max 255–255 Max
9	White	255	0–0 Min 1–254 Min > Max 255–255 Max
10	White	255	0–0 Min 1–254 Min > Max 255–255 Max
11	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max

RGBA Extended 8Bit Group By All Combined Mode (continued)

Ch	Function	Default	DMX values
12	Effect	0	0–0 Effect Off 1–1 Effect 1 2–2 Effect 2 3–3 Effect 3 4–4 Effect 4 5–5 Effect 5 6–6 Effect 6 7–7 Effect 7 8–8 Effect 8 9–9 Effect 9 10–10 Effect 10 11–11 Effect 11 12–12 Effect 12 13–13 Effect 13 14–14 Effect 14 15–15 Effect 15 16–16 Effect 16 17–17 Effect 17 18–18 Effect 18 19–19 Effect 19 20–20 Effect 20 21–21 Effect 21 22–22 Effect 22 23–23 Effect 23 24–24 Effect 24 25–25 Effect 25 26–26 Effect 26 27–27 Effect 27 28–28 Effect 28 29–29 Effect 29 30–30 Effect 30 31–31 Effect 31 32–32 Effect 32 33–33 Effect 33 34–34 Effect 34 35–35 Effect 35 36–36 Effect 36 37–37 Effect 37 38–38 Effect 38 39–39 Effect 39 40–40 Effect 40 41–41 Effect 41 42–42 Effect 42 43–43 Effect 43 44–44 Effect 44 45–45 Effect 45 46–46 Effect 46 47–47 Effect 47 48–48 Effect 48 49–49 Effect 49 50–50 Effect 50 51–51 Effect 51 52–52 Effect 52 53–53 Effect 53 54–54 Effect 54 55–55 Effect 55 56–56 Effect 56 57–57 Effect 57 58–58 Effect 58 59–59 Effect 59 60–60 Effect 60 61–61 Effect 61 62–62 Effect 62 63–63 Effect 63

RGBA Extended 8Bit Group By All Combined Mode (continued)

Ch	Function	Default	DMX values
13	Effect Speed	0	0–0 Stop 1–127 CCW S > F 128–254 CW F > S 255–255 Stop
14	Effects1Adjust1	0	0–0 Min 1–254 Min > Max 255–255 Max
15	Effects Sync	0	0–0 Min 1–254 Min > Max 255–255 Max
16	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max

RGBA Extended 8Bit Group By All Combined Mode (continued)

Ch	Function	Default	DMX values
17	Effect 2	0	0–0 Effect Off 1–1 Effect 1 2–2 Effect 2 3–3 Effect 3 4–4 Effect 4 5–5 Effect 5 6–6 Effect 6 7–7 Effect 7 8–8 Effect 8 9–9 Effect 9 10–10 Effect 10 11–11 Effect 11 12–12 Effect 12 13–13 Effect 13 14–14 Effect 14 15–15 Effect 15 16–16 Effect 16 17–17 Effect 17 18–18 Effect 18 19–19 Effect 19 20–20 Effect 20 21–21 Effect 21 22–22 Effect 22 23–23 Effect 23 24–24 Effect 24 25–25 Effect 25 26–26 Effect 26 27–27 Effect 27 28–28 Effect 28 29–29 Effect 29 30–30 Effect 30 31–31 Effect 31 32–32 Effect 32 33–33 Effect 33 34–34 Effect 34 35–35 Effect 35 36–36 Effect 36 37–37 Effect 37 38–38 Effect 38 39–39 Effect 39 40–40 Effect 40 41–41 Effect 41 42–42 Effect 42 43–43 Effect 43 44–44 Effect 44 45–45 Effect 45 46–46 Effect 46 47–47 Effect 47 48–48 Effect 48 49–49 Effect 49 50–50 Effect 50 51–51 Effect 51 52–52 Effect 52 53–53 Effect 53 54–54 Effect 54 55–55 Effect 55 56–56 Effect 56 57–57 Effect 57 58–58 Effect 58 59–59 Effect 59 60–60 Effect 60 61–61 Effect 61 62–62 Effect 62 63–63 Effect 63

RGBA Extended 8Bit Group By All Combined Mode (continued)

Ch	Function	Default	DMX values
18	Effect Speed 2	0	0–0 Stop 1–127 CCW S > F 128–254 CW F > S 255–255 Stop
19	Effects2Adjust1	0	0–0 Min 1–254 Min > Max 255–255 Max
20	Effects Sync	0	0–0 Min 1–254 Min > Max 255–255 Max
21	Control1	0	

RGBA 16Bit Group By All Combined Mode

23 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
7	Color Add RY	0	
8	Color Add RY Fine	0	Fine byte of Color Add RY
9	White	255	
10	White Fine	255	Fine byte of White
11	White	255	
12	White Fine	255	Fine byte of White
13	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max

RGBA 16Bit Group By All Combined Mode (continued)

Ch	Function	Default	DMX values
14	Effect	0	0–0 Effect Off 1–1 Effect 1 2–2 Effect 2 3–3 Effect 3 4–4 Effect 4 5–5 Effect 5 6–6 Effect 6 7–7 Effect 7 8–8 Effect 8 9–9 Effect 9 10–10 Effect 10 11–11 Effect 11 12–12 Effect 12 13–13 Effect 13 14–14 Effect 14 15–15 Effect 15 16–16 Effect 16 17–17 Effect 17 18–18 Effect 18 19–19 Effect 19 20–20 Effect 20 21–21 Effect 21 22–22 Effect 22 23–23 Effect 23 24–24 Effect 24 25–25 Effect 25 26–26 Effect 26 27–27 Effect 27 28–28 Effect 28 29–29 Effect 29 30–30 Effect 30 31–31 Effect 31 32–32 Effect 32 33–33 Effect 33 34–34 Effect 34 35–35 Effect 35 36–36 Effect 36 37–37 Effect 37 38–38 Effect 38 39–39 Effect 39 40–40 Effect 40 41–41 Effect 41 42–42 Effect 42 43–43 Effect 43 44–44 Effect 44 45–45 Effect 45 46–46 Effect 46 47–47 Effect 47 48–48 Effect 48 49–49 Effect 49 50–50 Effect 50 51–51 Effect 51 52–52 Effect 52 53–53 Effect 53 54–54 Effect 54 55–55 Effect 55 56–56 Effect 56 57–57 Effect 57 58–58 Effect 58 59–59 Effect 59 60–60 Effect 60 61–61 Effect 61 62–62 Effect 62 63–63 Effect 63

RGBA 16Bit Group By All Combined Mode (continued)

Ch	Function	Default	DMX values
15	Effect Speed	0	0–0 Stop 1–127 CCW S > F 128–254 CW F > S 255–255 Stop
16	Effects1Adjust1	0	0–0 Min 1–254 Min > Max 255–255 Max
17	Effects Sync	0	0–0 Min 1–254 Min > Max 255–255 Max
18	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max

RGBA 16Bit Group By All Combined Mode (continued)

Ch	Function	Default	DMX values
19	Effect 2	0	0–0 Effect Off 1–1 Effect 1 2–2 Effect 2 3–3 Effect 3 4–4 Effect 4 5–5 Effect 5 6–6 Effect 6 7–7 Effect 7 8–8 Effect 8 9–9 Effect 9 10–10 Effect 10 11–11 Effect 11 12–12 Effect 12 13–13 Effect 13 14–14 Effect 14 15–15 Effect 15 16–16 Effect 16 17–17 Effect 17 18–18 Effect 18 19–19 Effect 19 20–20 Effect 20 21–21 Effect 21 22–22 Effect 22 23–23 Effect 23 24–24 Effect 24 25–25 Effect 25 26–26 Effect 26 27–27 Effect 27 28–28 Effect 28 29–29 Effect 29 30–30 Effect 30 31–31 Effect 31 32–32 Effect 32 33–33 Effect 33 34–34 Effect 34 35–35 Effect 35 36–36 Effect 36 37–37 Effect 37 38–38 Effect 38 39–39 Effect 39 40–40 Effect 40 41–41 Effect 41 42–42 Effect 42 43–43 Effect 43 44–44 Effect 44 45–45 Effect 45 46–46 Effect 46 47–47 Effect 47 48–48 Effect 48 49–49 Effect 49 50–50 Effect 50 51–51 Effect 51 52–52 Effect 52 53–53 Effect 53 54–54 Effect 54 55–55 Effect 55 56–56 Effect 56 57–57 Effect 57 58–58 Effect 58 59–59 Effect 59 60–60 Effect 60 61–61 Effect 61 62–62 Effect 62 63–63 Effect 63

RGBA 16Bit Group By All Combined Mode (continued)

Ch	Function	Default	DMX values
20	Effect Speed 2	0	0–0 Stop 1–127 CCW S > F 128–254 CW F > S 255–255 Stop
21	Effects2Adjust1	0	0–0 Min 1–254 Min > Max 255–255 Max
22	Effects Sync	0	0–0 Min 1–254 Min > Max 255–255 Max
23	Control1	0	

RGB Compact Group By All Combined 16Bit Mode

27 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	C TC	180	
4	C TC Fine	180	Fine byte of C TC
5	Tint	127	
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
13	White	255	
14	White Fine	255	Fine byte of White
15	White	255	
16	White Fine	255	Fine byte of White
17	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max

RGB Compact Group By All Combined 16Bit Mode (continued)

Ch	Function	Default	DMX values
18	Effect	0	0–0 Effect Off 1–1 Effect 1 2–2 Effect 2 3–3 Effect 3 4–4 Effect 4 5–5 Effect 5 6–6 Effect 6 7–7 Effect 7 8–8 Effect 8 9–9 Effect 9 10–10 Effect 10 11–11 Effect 11 12–12 Effect 12 13–13 Effect 13 14–14 Effect 14 15–15 Effect 15 16–16 Effect 16 17–17 Effect 17 18–18 Effect 18 19–19 Effect 19 20–20 Effect 20 21–21 Effect 21 22–22 Effect 22 23–23 Effect 23 24–24 Effect 24 25–25 Effect 25 26–26 Effect 26 27–27 Effect 27 28–28 Effect 28 29–29 Effect 29 30–30 Effect 30 31–31 Effect 31 32–32 Effect 32 33–33 Effect 33 34–34 Effect 34 35–35 Effect 35 36–36 Effect 36 37–37 Effect 37 38–38 Effect 38 39–39 Effect 39 40–40 Effect 40 41–41 Effect 41 42–42 Effect 42 43–43 Effect 43 44–44 Effect 44 45–45 Effect 45 46–46 Effect 46 47–47 Effect 47 48–48 Effect 48 49–49 Effect 49 50–50 Effect 50 51–51 Effect 51 52–52 Effect 52 53–53 Effect 53 54–54 Effect 54 55–55 Effect 55 56–56 Effect 56 57–57 Effect 57 58–58 Effect 58 59–59 Effect 59 60–60 Effect 60 61–61 Effect 61 62–62 Effect 62 63–63 Effect 63

RGB Compact Group By All Combined 16Bit Mode (continued)

Ch	Function	Default	DMX values
19	Effect Speed	0	0–0 Stop 1–127 CCW S > F 128–254 CW F > S 255–255 Stop
20	Effects1Adjust1	0	0–0 Min 1–254 Min > Max 255–255 Max
21	Effects Sync	0	0–0 Min 1–254 Min > Max 255–255 Max
22	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max

RGB Compact Group By All Combined 16Bit Mode (continued)

Ch	Function	Default	DMX values
23	Effect 2	0	0–0 Effect Off 1–1 Effect 1 2–2 Effect 2 3–3 Effect 3 4–4 Effect 4 5–5 Effect 5 6–6 Effect 6 7–7 Effect 7 8–8 Effect 8 9–9 Effect 9 10–10 Effect 10 11–11 Effect 11 12–12 Effect 12 13–13 Effect 13 14–14 Effect 14 15–15 Effect 15 16–16 Effect 16 17–17 Effect 17 18–18 Effect 18 19–19 Effect 19 20–20 Effect 20 21–21 Effect 21 22–22 Effect 22 23–23 Effect 23 24–24 Effect 24 25–25 Effect 25 26–26 Effect 26 27–27 Effect 27 28–28 Effect 28 29–29 Effect 29 30–30 Effect 30 31–31 Effect 31 32–32 Effect 32 33–33 Effect 33 34–34 Effect 34 35–35 Effect 35 36–36 Effect 36 37–37 Effect 37 38–38 Effect 38 39–39 Effect 39 40–40 Effect 40 41–41 Effect 41 42–42 Effect 42 43–43 Effect 43 44–44 Effect 44 45–45 Effect 45 46–46 Effect 46 47–47 Effect 47 48–48 Effect 48 49–49 Effect 49 50–50 Effect 50 51–51 Effect 51 52–52 Effect 52 53–53 Effect 53 54–54 Effect 54 55–55 Effect 55 56–56 Effect 56 57–57 Effect 57 58–58 Effect 58 59–59 Effect 59 60–60 Effect 60 61–61 Effect 61 62–62 Effect 62 63–63 Effect 63

RGB Compact Group By All Combined 16Bit Mode (continued)

Ch	Function	Default	DMX values
24	Effect Speed 2	0	0–0 Stop 1–127 CCW S > F 128–254 CW F > S 255–255 Stop
25	Effects2Adjust1	0	0–0 Min 1–254 Min > Max 255–255 Max
26	Effects Sync	0	0–0 Min 1–254 Min > Max 255–255 Max
27	Control1	0	

RGB Extended 16Bit Group By All Combined Mode

29 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
9	H SBSaturation	0	
10	H SBSaturation Fine	0	Fine byte of H SBSaturation
11	C TC	180	
12	C TC Fine	180	Fine byte of C TC
13	Tint	127	
14	Tint Fine	255	Fine byte of Tint
15	White	255	0–0 Min 1–254 Min > Max 255–255 Max
16	White Fine	255	Fine byte of White
17	White	255	0–0 Min 1–254 Min > Max 255–255 Max
18	White Fine	255	Fine byte of White
19	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max

RGB Extended 16Bit Group By All Combined Mode (continued)

Ch	Function	Default	DMX values
20	Effect	0	0–0 Effect Off 1–1 Effect 1 2–2 Effect 2 3–3 Effect 3 4–4 Effect 4 5–5 Effect 5 6–6 Effect 6 7–7 Effect 7 8–8 Effect 8 9–9 Effect 9 10–10 Effect 10 11–11 Effect 11 12–12 Effect 12 13–13 Effect 13 14–14 Effect 14 15–15 Effect 15 16–16 Effect 16 17–17 Effect 17 18–18 Effect 18 19–19 Effect 19 20–20 Effect 20 21–21 Effect 21 22–22 Effect 22 23–23 Effect 23 24–24 Effect 24 25–25 Effect 25 26–26 Effect 26 27–27 Effect 27 28–28 Effect 28 29–29 Effect 29 30–30 Effect 30 31–31 Effect 31 32–32 Effect 32 33–33 Effect 33 34–34 Effect 34 35–35 Effect 35 36–36 Effect 36 37–37 Effect 37 38–38 Effect 38 39–39 Effect 39 40–40 Effect 40 41–41 Effect 41 42–42 Effect 42 43–43 Effect 43 44–44 Effect 44 45–45 Effect 45 46–46 Effect 46 47–47 Effect 47 48–48 Effect 48 49–49 Effect 49 50–50 Effect 50 51–51 Effect 51 52–52 Effect 52 53–53 Effect 53 54–54 Effect 54 55–55 Effect 55 56–56 Effect 56 57–57 Effect 57 58–58 Effect 58 59–59 Effect 59 60–60 Effect 60 61–61 Effect 61 62–62 Effect 62 63–63 Effect 63

RGB Extended 16Bit Group By All Combined Mode (continued)

Ch	Function	Default	DMX values
21	Effect Speed	0	0–0 Stop 1–127 CCW S > F 128–254 CW F > S 255–255 Stop
22	Effects1Adjust1	0	0–0 Min 1–254 Min > Max 255–255 Max
23	Effects Sync	0	0–0 Min 1–254 Min > Max 255–255 Max
24	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max

RGB Extended 16Bit Group By All Combined Mode (continued)

Ch	Function	Default	DMX values
25	Effect 2	0	0–0 Effect Off 1–1 Effect 1 2–2 Effect 2 3–3 Effect 3 4–4 Effect 4 5–5 Effect 5 6–6 Effect 6 7–7 Effect 7 8–8 Effect 8 9–9 Effect 9 10–10 Effect 10 11–11 Effect 11 12–12 Effect 12 13–13 Effect 13 14–14 Effect 14 15–15 Effect 15 16–16 Effect 16 17–17 Effect 17 18–18 Effect 18 19–19 Effect 19 20–20 Effect 20 21–21 Effect 21 22–22 Effect 22 23–23 Effect 23 24–24 Effect 24 25–25 Effect 25 26–26 Effect 26 27–27 Effect 27 28–28 Effect 28 29–29 Effect 29 30–30 Effect 30 31–31 Effect 31 32–32 Effect 32 33–33 Effect 33 34–34 Effect 34 35–35 Effect 35 36–36 Effect 36 37–37 Effect 37 38–38 Effect 38 39–39 Effect 39 40–40 Effect 40 41–41 Effect 41 42–42 Effect 42 43–43 Effect 43 44–44 Effect 44 45–45 Effect 45 46–46 Effect 46 47–47 Effect 47 48–48 Effect 48 49–49 Effect 49 50–50 Effect 50 51–51 Effect 51 52–52 Effect 52 53–53 Effect 53 54–54 Effect 54 55–55 Effect 55 56–56 Effect 56 57–57 Effect 57 58–58 Effect 58 59–59 Effect 59 60–60 Effect 60 61–61 Effect 61 62–62 Effect 62 63–63 Effect 63

RGB Extended 16Bit Group By All Combined Mode (continued)

Ch	Function	Default	DMX values
26	Effect Speed 2	0	0–0 Stop 1–127 CCW S > F 128–254 CW F > S 255–255 Stop
27	Effects2Adjust1	0	0–0 Min 1–254 Min > Max 255–255 Max
28	Effects Sync	0	0–0 Min 1–254 Min > Max 255–255 Max
29	Control1	0	

RGBA Compact Group By All Combined 16Bit Mode

29 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	C TC	180	
4	C TC Fine	180	Fine byte of C TC
5	Tint	127	
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
13	Color Add RY	0	
14	Color Add RY Fine	0	Fine byte of Color Add RY
15	White	255	
16	White Fine	255	Fine byte of White
17	White	255	
18	White Fine	255	Fine byte of White
19	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max

RGBA Compact Group By All Combined 16Bit Mode (continued)

Ch	Function	Default	DMX values
20	Effect	0	0–0 Effect Off 1–1 Effect 1 2–2 Effect 2 3–3 Effect 3 4–4 Effect 4 5–5 Effect 5 6–6 Effect 6 7–7 Effect 7 8–8 Effect 8 9–9 Effect 9 10–10 Effect 10 11–11 Effect 11 12–12 Effect 12 13–13 Effect 13 14–14 Effect 14 15–15 Effect 15 16–16 Effect 16 17–17 Effect 17 18–18 Effect 18 19–19 Effect 19 20–20 Effect 20 21–21 Effect 21 22–22 Effect 22 23–23 Effect 23 24–24 Effect 24 25–25 Effect 25 26–26 Effect 26 27–27 Effect 27 28–28 Effect 28 29–29 Effect 29 30–30 Effect 30 31–31 Effect 31 32–32 Effect 32 33–33 Effect 33 34–34 Effect 34 35–35 Effect 35 36–36 Effect 36 37–37 Effect 37 38–38 Effect 38 39–39 Effect 39 40–40 Effect 40 41–41 Effect 41 42–42 Effect 42 43–43 Effect 43 44–44 Effect 44 45–45 Effect 45 46–46 Effect 46 47–47 Effect 47 48–48 Effect 48 49–49 Effect 49 50–50 Effect 50 51–51 Effect 51 52–52 Effect 52 53–53 Effect 53 54–54 Effect 54 55–55 Effect 55 56–56 Effect 56 57–57 Effect 57 58–58 Effect 58 59–59 Effect 59 60–60 Effect 60 61–61 Effect 61 62–62 Effect 62 63–63 Effect 63

RGBA Compact Group By All Combined 16Bit Mode (continued)

Ch	Function	Default	DMX values
21	Effect Speed	0	0–0 Stop 1–127 CCW S > F 128–254 CW F > S 255–255 Stop
22	Effects1Adjust1	0	0–0 Min 1–254 Min > Max 255–255 Max
23	Effects Sync	0	0–0 Min 1–254 Min > Max 255–255 Max
24	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max

RGBA Compact Group By All Combined 16Bit Mode (continued)

Ch	Function	Default	DMX values
25	Effect 2	0	0–0 Effect Off 1–1 Effect 1 2–2 Effect 2 3–3 Effect 3 4–4 Effect 4 5–5 Effect 5 6–6 Effect 6 7–7 Effect 7 8–8 Effect 8 9–9 Effect 9 10–10 Effect 10 11–11 Effect 11 12–12 Effect 12 13–13 Effect 13 14–14 Effect 14 15–15 Effect 15 16–16 Effect 16 17–17 Effect 17 18–18 Effect 18 19–19 Effect 19 20–20 Effect 20 21–21 Effect 21 22–22 Effect 22 23–23 Effect 23 24–24 Effect 24 25–25 Effect 25 26–26 Effect 26 27–27 Effect 27 28–28 Effect 28 29–29 Effect 29 30–30 Effect 30 31–31 Effect 31 32–32 Effect 32 33–33 Effect 33 34–34 Effect 34 35–35 Effect 35 36–36 Effect 36 37–37 Effect 37 38–38 Effect 38 39–39 Effect 39 40–40 Effect 40 41–41 Effect 41 42–42 Effect 42 43–43 Effect 43 44–44 Effect 44 45–45 Effect 45 46–46 Effect 46 47–47 Effect 47 48–48 Effect 48 49–49 Effect 49 50–50 Effect 50 51–51 Effect 51 52–52 Effect 52 53–53 Effect 53 54–54 Effect 54 55–55 Effect 55 56–56 Effect 56 57–57 Effect 57 58–58 Effect 58 59–59 Effect 59 60–60 Effect 60 61–61 Effect 61 62–62 Effect 62 63–63 Effect 63

RGBA Compact Group By All Combined 16Bit Mode (continued)

Ch	Function	Default	DMX values
26	Effect Speed 2	0	0–0 Stop 1–127 CCW S > F 128–254 CW F > S 255–255 Stop
27	Effects2Adjust1	0	0–0 Min 1–254 Min > Max 255–255 Max
28	Effects Sync	0	0–0 Min 1–254 Min > Max 255–255 Max
29	Control1	0	

RGB 8Bit Group By 1 Combined Mode

31 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
3	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
4	Reserved 4	0	
5	Reserved 5	0	
6	Reserved 6	0	
7	Reserved 7	0	
8	Reserved 8	0	
9	Reserved 9	0	
10	Reserved 10	0	
11	Reserved 11	0	
12	Reserved 12	0	
13	Reserved 13	0	
14	Reserved 14	0	
15	Reserved 15	0	
16	Reserved 16	0	
17	Reserved 17	0	
18	Reserved 18	0	
19	Reserved 19	0	
20	Reserved 20	0	
21	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max

RGB 8Bit Group By 1 Combined Mode (continued)

Ch	Function	Default	DMX values
22	Effect	0	0–0 Effect Off 1–1 Effect 1 2–2 Effect 2 3–3 Effect 3 4–4 Effect 4 5–5 Effect 5 6–6 Effect 6 7–7 Effect 7 8–8 Effect 8 9–9 Effect 9 10–10 Effect 10 11–11 Effect 11 12–12 Effect 12 13–13 Effect 13 14–14 Effect 14 15–15 Effect 15 16–16 Effect 16 17–17 Effect 17 18–18 Effect 18 19–19 Effect 19 20–20 Effect 20 21–21 Effect 21 22–22 Effect 22 23–23 Effect 23 24–24 Effect 24 25–25 Effect 25 26–26 Effect 26 27–27 Effect 27 28–28 Effect 28 29–29 Effect 29 30–30 Effect 30 31–31 Effect 31 32–32 Effect 32 33–33 Effect 33 34–34 Effect 34 35–35 Effect 35 36–36 Effect 36 37–37 Effect 37 38–38 Effect 38 39–39 Effect 39 40–40 Effect 40 41–41 Effect 41 42–42 Effect 42 43–43 Effect 43 44–44 Effect 44 45–45 Effect 45 46–46 Effect 46 47–47 Effect 47 48–48 Effect 48 49–49 Effect 49 50–50 Effect 50 51–51 Effect 51 52–52 Effect 52 53–53 Effect 53 54–54 Effect 54 55–55 Effect 55 56–56 Effect 56 57–57 Effect 57 58–58 Effect 58 59–59 Effect 59 60–60 Effect 60 61–61 Effect 61 62–62 Effect 62 63–63 Effect 63

RGB 8Bit Group By 1 Combined Mode (continued)

Ch	Function	Default	DMX values
23	Effect Speed	0	0–0 Stop 1–127 CCW S > F 128–254 CW F > S 255–255 Stop
24	Effects1Adjust1	0	0–0 Min 1–254 Min > Max 255–255 Max
25	Effects Sync	0	0–0 Min 1–254 Min > Max 255–255 Max
26	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max

RGB 8Bit Group By 1 Combined Mode (continued)

Ch	Function	Default	DMX values
27	Effect 2	0	0–0 Effect Off 1–1 Effect 1 2–2 Effect 2 3–3 Effect 3 4–4 Effect 4 5–5 Effect 5 6–6 Effect 6 7–7 Effect 7 8–8 Effect 8 9–9 Effect 9 10–10 Effect 10 11–11 Effect 11 12–12 Effect 12 13–13 Effect 13 14–14 Effect 14 15–15 Effect 15 16–16 Effect 16 17–17 Effect 17 18–18 Effect 18 19–19 Effect 19 20–20 Effect 20 21–21 Effect 21 22–22 Effect 22 23–23 Effect 23 24–24 Effect 24 25–25 Effect 25 26–26 Effect 26 27–27 Effect 27 28–28 Effect 28 29–29 Effect 29 30–30 Effect 30 31–31 Effect 31 32–32 Effect 32 33–33 Effect 33 34–34 Effect 34 35–35 Effect 35 36–36 Effect 36 37–37 Effect 37 38–38 Effect 38 39–39 Effect 39 40–40 Effect 40 41–41 Effect 41 42–42 Effect 42 43–43 Effect 43 44–44 Effect 44 45–45 Effect 45 46–46 Effect 46 47–47 Effect 47 48–48 Effect 48 49–49 Effect 49 50–50 Effect 50 51–51 Effect 51 52–52 Effect 52 53–53 Effect 53 54–54 Effect 54 55–55 Effect 55 56–56 Effect 56 57–57 Effect 57 58–58 Effect 58 59–59 Effect 59 60–60 Effect 60 61–61 Effect 61 62–62 Effect 62 63–63 Effect 63

RGB 8Bit Group By 1 Combined Mode (continued)

Ch	Function	Default	DMX values
28	Effect Speed 2	0	0–0 Stop 1–127 CCW S > F 128–254 CW F > S 255–255 Stop
29	Effects2Adjust1	0	0–0 Min 1–254 Min > Max 255–255 Max
30	Effects Sync	0	0–0 Min 1–254 Min > Max 255–255 Max
31	Control1	0	

RGBA Extended 16Bit Group By All Combined Mode

31 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
9	Color Add RY	0	
10	Color Add RY Fine	0	Fine byte of Color Add RY
11	H SBSaturation	0	
12	H SBSaturation Fine	0	Fine byte of H SBSaturation
13	C TC	180	
14	C TC Fine	180	Fine byte of C TC
15	Tint	127	
16	Tint Fine	255	Fine byte of Tint
17	White	255	0–0 Min 1–254 Min > Max 255–255 Max
18	White Fine	255	Fine byte of White
19	White	255	0–0 Min 1–254 Min > Max 255–255 Max
20	White Fine	255	Fine byte of White
21	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max

RGBA Extended 16Bit Group By All Combined Mode (continued)

Ch	Function	Default	DMX values
22	Effect	0	0–0 Effect Off 1–1 Effect 1 2–2 Effect 2 3–3 Effect 3 4–4 Effect 4 5–5 Effect 5 6–6 Effect 6 7–7 Effect 7 8–8 Effect 8 9–9 Effect 9 10–10 Effect 10 11–11 Effect 11 12–12 Effect 12 13–13 Effect 13 14–14 Effect 14 15–15 Effect 15 16–16 Effect 16 17–17 Effect 17 18–18 Effect 18 19–19 Effect 19 20–20 Effect 20 21–21 Effect 21 22–22 Effect 22 23–23 Effect 23 24–24 Effect 24 25–25 Effect 25 26–26 Effect 26 27–27 Effect 27 28–28 Effect 28 29–29 Effect 29 30–30 Effect 30 31–31 Effect 31 32–32 Effect 32 33–33 Effect 33 34–34 Effect 34 35–35 Effect 35 36–36 Effect 36 37–37 Effect 37 38–38 Effect 38 39–39 Effect 39 40–40 Effect 40 41–41 Effect 41 42–42 Effect 42 43–43 Effect 43 44–44 Effect 44 45–45 Effect 45 46–46 Effect 46 47–47 Effect 47 48–48 Effect 48 49–49 Effect 49 50–50 Effect 50 51–51 Effect 51 52–52 Effect 52 53–53 Effect 53 54–54 Effect 54 55–55 Effect 55 56–56 Effect 56 57–57 Effect 57 58–58 Effect 58 59–59 Effect 59 60–60 Effect 60 61–61 Effect 61 62–62 Effect 62 63–63 Effect 63

RGBA Extended 16Bit Group By All Combined Mode (continued)

Ch	Function	Default	DMX values
23	Effect Speed	0	0–0 Stop 1–127 CCW S > F 128–254 CW F > S 255–255 Stop
24	Effects1Adjust1	0	0–0 Min 1–254 Min > Max 255–255 Max
25	Effects Sync	0	0–0 Min 1–254 Min > Max 255–255 Max
26	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max

RGBA Extended 16Bit Group By All Combined Mode (continued)

Ch	Function	Default	DMX values
27	Effect 2	0	0–0 Effect Off 1–1 Effect 1 2–2 Effect 2 3–3 Effect 3 4–4 Effect 4 5–5 Effect 5 6–6 Effect 6 7–7 Effect 7 8–8 Effect 8 9–9 Effect 9 10–10 Effect 10 11–11 Effect 11 12–12 Effect 12 13–13 Effect 13 14–14 Effect 14 15–15 Effect 15 16–16 Effect 16 17–17 Effect 17 18–18 Effect 18 19–19 Effect 19 20–20 Effect 20 21–21 Effect 21 22–22 Effect 22 23–23 Effect 23 24–24 Effect 24 25–25 Effect 25 26–26 Effect 26 27–27 Effect 27 28–28 Effect 28 29–29 Effect 29 30–30 Effect 30 31–31 Effect 31 32–32 Effect 32 33–33 Effect 33 34–34 Effect 34 35–35 Effect 35 36–36 Effect 36 37–37 Effect 37 38–38 Effect 38 39–39 Effect 39 40–40 Effect 40 41–41 Effect 41 42–42 Effect 42 43–43 Effect 43 44–44 Effect 44 45–45 Effect 45 46–46 Effect 46 47–47 Effect 47 48–48 Effect 48 49–49 Effect 49 50–50 Effect 50 51–51 Effect 51 52–52 Effect 52 53–53 Effect 53 54–54 Effect 54 55–55 Effect 55 56–56 Effect 56 57–57 Effect 57 58–58 Effect 58 59–59 Effect 59 60–60 Effect 60 61–61 Effect 61 62–62 Effect 62 63–63 Effect 63

RGBA Extended 16Bit Group By All Combined Mode (continued)

Ch	Function	Default	DMX values
28	Effect Speed 2	0	0–0 Stop 1–127 CCW S > F 128–254 CW F > S 255–255 Stop
29	Effects2Adjust1	0	0–0 Min 1–254 Min > Max 255–255 Max
30	Effects Sync	0	0–0 Min 1–254 Min > Max 255–255 Max
31	Control1	0	

RGB Compact 8Bit Group By 1 Combined Mode

34 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max
2	C TC	180	
3	Tint	127	0–0 Min 1–254 Min > Max 255–255 Max
4	Reserved 4	0	
5	Reserved 5	0	
6	Reserved 6	0	
7	Reserved 7	0	
8	Reserved 8	0	
9	Reserved 9	0	
10	Reserved 10	0	
11	Reserved 11	0	
12	Reserved 12	0	
13	Reserved 13	0	
14	Reserved 14	0	
15	Reserved 15	0	
16	Reserved 16	0	
17	Reserved 17	0	
18	Reserved 18	0	
19	Reserved 19	0	
20	Reserved 20	0	
21	Reserved 21	0	
22	Reserved 22	0	
23	Reserved 23	0	
24	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max

RGB Compact 8Bit Group By 1 Combined Mode (continued)

Ch	Function	Default	DMX values
25	Effect	0	0–0 Effect Off 1–1 Effect 1 2–2 Effect 2 3–3 Effect 3 4–4 Effect 4 5–5 Effect 5 6–6 Effect 6 7–7 Effect 7 8–8 Effect 8 9–9 Effect 9 10–10 Effect 10 11–11 Effect 11 12–12 Effect 12 13–13 Effect 13 14–14 Effect 14 15–15 Effect 15 16–16 Effect 16 17–17 Effect 17 18–18 Effect 18 19–19 Effect 19 20–20 Effect 20 21–21 Effect 21 22–22 Effect 22 23–23 Effect 23 24–24 Effect 24 25–25 Effect 25 26–26 Effect 26 27–27 Effect 27 28–28 Effect 28 29–29 Effect 29 30–30 Effect 30 31–31 Effect 31 32–32 Effect 32 33–33 Effect 33 34–34 Effect 34 35–35 Effect 35 36–36 Effect 36 37–37 Effect 37 38–38 Effect 38 39–39 Effect 39 40–40 Effect 40 41–41 Effect 41 42–42 Effect 42 43–43 Effect 43 44–44 Effect 44 45–45 Effect 45 46–46 Effect 46 47–47 Effect 47 48–48 Effect 48 49–49 Effect 49 50–50 Effect 50 51–51 Effect 51 52–52 Effect 52 53–53 Effect 53 54–54 Effect 54 55–55 Effect 55 56–56 Effect 56 57–57 Effect 57 58–58 Effect 58 59–59 Effect 59 60–60 Effect 60 61–61 Effect 61 62–62 Effect 62 63–63 Effect 63

RGB Compact 8Bit Group By 1 Combined Mode (continued)

Ch	Function	Default	DMX values
26	Effect Speed	0	0–0 Stop 1–127 CCW S > F 128–254 CW F > S 255–255 Stop
27	Effects1Adjust1	0	0–0 Min 1–254 Min > Max 255–255 Max
28	Effects Sync	0	0–0 Min 1–254 Min > Max 255–255 Max
29	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max

RGB Compact 8Bit Group By 1 Combined Mode (continued)

Ch	Function	Default	DMX values
30	Effect 2	0	0–0 Effect Off 1–1 Effect 1 2–2 Effect 2 3–3 Effect 3 4–4 Effect 4 5–5 Effect 5 6–6 Effect 6 7–7 Effect 7 8–8 Effect 8 9–9 Effect 9 10–10 Effect 10 11–11 Effect 11 12–12 Effect 12 13–13 Effect 13 14–14 Effect 14 15–15 Effect 15 16–16 Effect 16 17–17 Effect 17 18–18 Effect 18 19–19 Effect 19 20–20 Effect 20 21–21 Effect 21 22–22 Effect 22 23–23 Effect 23 24–24 Effect 24 25–25 Effect 25 26–26 Effect 26 27–27 Effect 27 28–28 Effect 28 29–29 Effect 29 30–30 Effect 30 31–31 Effect 31 32–32 Effect 32 33–33 Effect 33 34–34 Effect 34 35–35 Effect 35 36–36 Effect 36 37–37 Effect 37 38–38 Effect 38 39–39 Effect 39 40–40 Effect 40 41–41 Effect 41 42–42 Effect 42 43–43 Effect 43 44–44 Effect 44 45–45 Effect 45 46–46 Effect 46 47–47 Effect 47 48–48 Effect 48 49–49 Effect 49 50–50 Effect 50 51–51 Effect 51 52–52 Effect 52 53–53 Effect 53 54–54 Effect 54 55–55 Effect 55 56–56 Effect 56 57–57 Effect 57 58–58 Effect 58 59–59 Effect 59 60–60 Effect 60 61–61 Effect 61 62–62 Effect 62 63–63 Effect 63

RGB Compact 8Bit Group By 1 Combined Mode (continued)

Ch	Function	Default	DMX values
31	Effect Speed 2	0	0–0 Stop 1–127 CCW S > F 128–254 CW F > S 255–255 Stop
32	Effects2Adjust1	0	0–0 Min 1–254 Min > Max 255–255 Max
33	Effects Sync	0	0–0 Min 1–254 Min > Max 255–255 Max
34	Control1	0	

RGBA 8Bit Group By 1 Combined Mode

35 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
3	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
4	Color Add RY	0	0–0 Min 1–254 Min > Max 255–255 Max
5	Reserved 5	0	
6	Reserved 6	0	
7	Reserved 7	0	
8	Reserved 8	0	
9	Reserved 9	0	
10	Reserved 10	0	
11	Reserved 11	0	
12	Reserved 12	0	
13	Reserved 13	0	
14	Reserved 14	0	
15	Reserved 15	0	
16	Reserved 16	0	
17	Reserved 17	0	
18	Reserved 18	0	
19	Reserved 19	0	
20	Reserved 20	0	
21	Reserved 21	0	
22	Reserved 22	0	
23	Reserved 23	0	
24	Reserved 24	0	
25	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max

RGBA 8Bit Group By 1 Combined Mode (continued)

Ch	Function	Default	DMX values
26	Effect	0	0–0 Effect Off 1–1 Effect 1 2–2 Effect 2 3–3 Effect 3 4–4 Effect 4 5–5 Effect 5 6–6 Effect 6 7–7 Effect 7 8–8 Effect 8 9–9 Effect 9 10–10 Effect 10 11–11 Effect 11 12–12 Effect 12 13–13 Effect 13 14–14 Effect 14 15–15 Effect 15 16–16 Effect 16 17–17 Effect 17 18–18 Effect 18 19–19 Effect 19 20–20 Effect 20 21–21 Effect 21 22–22 Effect 22 23–23 Effect 23 24–24 Effect 24 25–25 Effect 25 26–26 Effect 26 27–27 Effect 27 28–28 Effect 28 29–29 Effect 29 30–30 Effect 30 31–31 Effect 31 32–32 Effect 32 33–33 Effect 33 34–34 Effect 34 35–35 Effect 35 36–36 Effect 36 37–37 Effect 37 38–38 Effect 38 39–39 Effect 39 40–40 Effect 40 41–41 Effect 41 42–42 Effect 42 43–43 Effect 43 44–44 Effect 44 45–45 Effect 45 46–46 Effect 46 47–47 Effect 47 48–48 Effect 48 49–49 Effect 49 50–50 Effect 50 51–51 Effect 51 52–52 Effect 52 53–53 Effect 53 54–54 Effect 54 55–55 Effect 55 56–56 Effect 56 57–57 Effect 57 58–58 Effect 58 59–59 Effect 59 60–60 Effect 60 61–61 Effect 61 62–62 Effect 62 63–63 Effect 63

RGBA 8Bit Group By 1 Combined Mode (continued)

Ch	Function	Default	DMX values
27	Effect Speed	0	0–0 Stop 1–127 CCW S > F 128–254 CW F > S 255–255 Stop
28	Effects1Adjust1	0	0–0 Min 1–254 Min > Max 255–255 Max
29	Effects Sync	0	0–0 Min 1–254 Min > Max 255–255 Max
30	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max

RGBA 8Bit Group By 1 Combined Mode (continued)

Ch	Function	Default	DMX values
31	Effect 2	0	0–0 Effect Off 1–1 Effect 1 2–2 Effect 2 3–3 Effect 3 4–4 Effect 4 5–5 Effect 5 6–6 Effect 6 7–7 Effect 7 8–8 Effect 8 9–9 Effect 9 10–10 Effect 10 11–11 Effect 11 12–12 Effect 12 13–13 Effect 13 14–14 Effect 14 15–15 Effect 15 16–16 Effect 16 17–17 Effect 17 18–18 Effect 18 19–19 Effect 19 20–20 Effect 20 21–21 Effect 21 22–22 Effect 22 23–23 Effect 23 24–24 Effect 24 25–25 Effect 25 26–26 Effect 26 27–27 Effect 27 28–28 Effect 28 29–29 Effect 29 30–30 Effect 30 31–31 Effect 31 32–32 Effect 32 33–33 Effect 33 34–34 Effect 34 35–35 Effect 35 36–36 Effect 36 37–37 Effect 37 38–38 Effect 38 39–39 Effect 39 40–40 Effect 40 41–41 Effect 41 42–42 Effect 42 43–43 Effect 43 44–44 Effect 44 45–45 Effect 45 46–46 Effect 46 47–47 Effect 47 48–48 Effect 48 49–49 Effect 49 50–50 Effect 50 51–51 Effect 51 52–52 Effect 52 53–53 Effect 53 54–54 Effect 54 55–55 Effect 55 56–56 Effect 56 57–57 Effect 57 58–58 Effect 58 59–59 Effect 59 60–60 Effect 60 61–61 Effect 61 62–62 Effect 62 63–63 Effect 63

RGBA 8Bit Group By 1 Combined Mode (continued)

Ch	Function	Default	DMX values
32	Effect Speed 2	0	0–0 Stop 1–127 CCW S > F 128–254 CW F > S 255–255 Stop
33	Effects2Adjust1	0	0–0 Min 1–254 Min > Max 255–255 Max
34	Effects Sync	0	0–0 Min 1–254 Min > Max 255–255 Max
35	Control1	0	

RGBA Compact 8Bit Group By 1 Combined Mode

38 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max
2	C TC	180	
3	Tint	127	0–0 Min 1–254 Min > Max 255–255 Max
4	Color Add RY	0	0–0 Min 1–254 Min > Max 255–255 Max
5	Reserved 5	0	
6	Reserved 6	0	
7	Reserved 7	0	
8	Reserved 8	0	
9	Reserved 9	0	
10	Reserved 10	0	
11	Reserved 11	0	
12	Reserved 12	0	
13	Reserved 13	0	
14	Reserved 14	0	
15	Reserved 15	0	
16	Reserved 16	0	
17	Reserved 17	0	
18	Reserved 18	0	
19	Reserved 19	0	
20	Reserved 20	0	
21	Reserved 21	0	
22	Reserved 22	0	
23	Reserved 23	0	
24	Reserved 24	0	
25	Reserved 25	0	
26	Reserved 26	0	
27	Reserved 27	0	

RGBA Compact 8Bit Group By 1 Combined Mode (continued)

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

RGBA Compact 8Bit Group By 1 Combined Mode (continued)

Ch	Function	Default	DMX values
29	Effect	0	0–0 Effect Off 1–1 Effect 1 2–2 Effect 2 3–3 Effect 3 4–4 Effect 4 5–5 Effect 5 6–6 Effect 6 7–7 Effect 7 8–8 Effect 8 9–9 Effect 9 10–10 Effect 10 11–11 Effect 11 12–12 Effect 12 13–13 Effect 13 14–14 Effect 14 15–15 Effect 15 16–16 Effect 16 17–17 Effect 17 18–18 Effect 18 19–19 Effect 19 20–20 Effect 20 21–21 Effect 21 22–22 Effect 22 23–23 Effect 23 24–24 Effect 24 25–25 Effect 25 26–26 Effect 26 27–27 Effect 27 28–28 Effect 28 29–29 Effect 29 30–30 Effect 30 31–31 Effect 31 32–32 Effect 32 33–33 Effect 33 34–34 Effect 34 35–35 Effect 35 36–36 Effect 36 37–37 Effect 37 38–38 Effect 38 39–39 Effect 39 40–40 Effect 40 41–41 Effect 41 42–42 Effect 42 43–43 Effect 43 44–44 Effect 44 45–45 Effect 45 46–46 Effect 46 47–47 Effect 47 48–48 Effect 48 49–49 Effect 49 50–50 Effect 50 51–51 Effect 51 52–52 Effect 52 53–53 Effect 53 54–54 Effect 54 55–55 Effect 55 56–56 Effect 56 57–57 Effect 57 58–58 Effect 58 59–59 Effect 59 60–60 Effect 60 61–61 Effect 61 62–62 Effect 62 63–63 Effect 63

RGBA Compact 8Bit Group By 1 Combined Mode (continued)

Ch	Function	Default	DMX values
30	Effect Speed	0	0–0 Stop 1–127 CCW S > F 128–254 CW F > S 255–255 Stop
31	Effects1Adjust1	0	0–0 Min 1–254 Min > Max 255–255 Max
32	Effects Sync	0	0–0 Min 1–254 Min > Max 255–255 Max
33	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max

RGBA Compact 8Bit Group By 1 Combined Mode (continued)

Ch	Function	Default	DMX values
34	Effect 2	0	0–0 Effect Off 1–1 Effect 1 2–2 Effect 2 3–3 Effect 3 4–4 Effect 4 5–5 Effect 5 6–6 Effect 6 7–7 Effect 7 8–8 Effect 8 9–9 Effect 9 10–10 Effect 10 11–11 Effect 11 12–12 Effect 12 13–13 Effect 13 14–14 Effect 14 15–15 Effect 15 16–16 Effect 16 17–17 Effect 17 18–18 Effect 18 19–19 Effect 19 20–20 Effect 20 21–21 Effect 21 22–22 Effect 22 23–23 Effect 23 24–24 Effect 24 25–25 Effect 25 26–26 Effect 26 27–27 Effect 27 28–28 Effect 28 29–29 Effect 29 30–30 Effect 30 31–31 Effect 31 32–32 Effect 32 33–33 Effect 33 34–34 Effect 34 35–35 Effect 35 36–36 Effect 36 37–37 Effect 37 38–38 Effect 38 39–39 Effect 39 40–40 Effect 40 41–41 Effect 41 42–42 Effect 42 43–43 Effect 43 44–44 Effect 44 45–45 Effect 45 46–46 Effect 46 47–47 Effect 47 48–48 Effect 48 49–49 Effect 49 50–50 Effect 50 51–51 Effect 51 52–52 Effect 52 53–53 Effect 53 54–54 Effect 54 55–55 Effect 55 56–56 Effect 56 57–57 Effect 57 58–58 Effect 58 59–59 Effect 59 60–60 Effect 60 61–61 Effect 61 62–62 Effect 62 63–63 Effect 63

RGBA Compact 8Bit Group By 1 Combined Mode (continued)

Ch	Function	Default	DMX values
35	Effect Speed 2	0	0–0 Stop 1–127 CCW S > F 128–254 CW F > S 255–255 Stop
36	Effects2Adjust1	0	0–0 Min 1–254 Min > Max 255–255 Max
37	Effects Sync	0	0–0 Min 1–254 Min > Max 255–255 Max
38	Control1	0	

RGB Extended 8Bit Group By 1 Combined Mode

47 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
5	H SBSaturation	0	0–0 Min 1–254 Min > Max 255–255 Max
6	C TC	180	
7	Tint	127	0–0 Min 1–254 Min > Max 255–255 Max
8	Reserved 8	0	
9	Reserved 9	0	
10	Reserved 10	0	
11	Reserved 11	0	
12	Reserved 12	0	
13	Reserved 13	0	
14	Reserved 14	0	
15	Reserved 15	0	
16	Reserved 16	0	
17	Reserved 17	0	
18	Reserved 18	0	
19	Reserved 19	0	
20	Reserved 20	0	
21	Reserved 21	0	
22	Reserved 22	0	
23	Reserved 23	0	
24	Reserved 24	0	

RGB Extended 8Bit Group By 1 Combined Mode (continued)

Ch	Function	Default	DMX values
25	Reserved 25	0	
26	Reserved 26	0	
27	Reserved 27	0	
28	Reserved 28	0	
29	Reserved 29	0	
30	Reserved 30	0	
31	Reserved 31	0	
32	Reserved 32	0	
33	Reserved 33	0	
34	Reserved 34	0	
35	Reserved 35	0	
36	Reserved 36	0	
37	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max

RGB Extended 8Bit Group By 1 Combined Mode (continued)

Ch	Function	Default	DMX values
38	Effect	0	0–0 Effect Off 1–1 Effect 1 2–2 Effect 2 3–3 Effect 3 4–4 Effect 4 5–5 Effect 5 6–6 Effect 6 7–7 Effect 7 8–8 Effect 8 9–9 Effect 9 10–10 Effect 10 11–11 Effect 11 12–12 Effect 12 13–13 Effect 13 14–14 Effect 14 15–15 Effect 15 16–16 Effect 16 17–17 Effect 17 18–18 Effect 18 19–19 Effect 19 20–20 Effect 20 21–21 Effect 21 22–22 Effect 22 23–23 Effect 23 24–24 Effect 24 25–25 Effect 25 26–26 Effect 26 27–27 Effect 27 28–28 Effect 28 29–29 Effect 29 30–30 Effect 30 31–31 Effect 31 32–32 Effect 32 33–33 Effect 33 34–34 Effect 34 35–35 Effect 35 36–36 Effect 36 37–37 Effect 37 38–38 Effect 38 39–39 Effect 39 40–40 Effect 40 41–41 Effect 41 42–42 Effect 42 43–43 Effect 43 44–44 Effect 44 45–45 Effect 45 46–46 Effect 46 47–47 Effect 47 48–48 Effect 48 49–49 Effect 49 50–50 Effect 50 51–51 Effect 51 52–52 Effect 52 53–53 Effect 53 54–54 Effect 54 55–55 Effect 55 56–56 Effect 56 57–57 Effect 57 58–58 Effect 58 59–59 Effect 59 60–60 Effect 60 61–61 Effect 61 62–62 Effect 62 63–63 Effect 63

RGB Extended 8Bit Group By 1 Combined Mode (continued)

Ch	Function	Default	DMX values
39	Effect Speed	0	0–0 Stop 1–127 CCW S > F 128–254 CW F > S 255–255 Stop
40	Effects1Adjust1	0	0–0 Min 1–254 Min > Max 255–255 Max
41	Effects Sync	0	0–0 Min 1–254 Min > Max 255–255 Max
42	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max

RGB Extended 8Bit Group By 1 Combined Mode (continued)

Ch	Function	Default	DMX values
43	Effect 2	0	0–0 Effect Off 1–1 Effect 1 2–2 Effect 2 3–3 Effect 3 4–4 Effect 4 5–5 Effect 5 6–6 Effect 6 7–7 Effect 7 8–8 Effect 8 9–9 Effect 9 10–10 Effect 10 11–11 Effect 11 12–12 Effect 12 13–13 Effect 13 14–14 Effect 14 15–15 Effect 15 16–16 Effect 16 17–17 Effect 17 18–18 Effect 18 19–19 Effect 19 20–20 Effect 20 21–21 Effect 21 22–22 Effect 22 23–23 Effect 23 24–24 Effect 24 25–25 Effect 25 26–26 Effect 26 27–27 Effect 27 28–28 Effect 28 29–29 Effect 29 30–30 Effect 30 31–31 Effect 31 32–32 Effect 32 33–33 Effect 33 34–34 Effect 34 35–35 Effect 35 36–36 Effect 36 37–37 Effect 37 38–38 Effect 38 39–39 Effect 39 40–40 Effect 40 41–41 Effect 41 42–42 Effect 42 43–43 Effect 43 44–44 Effect 44 45–45 Effect 45 46–46 Effect 46 47–47 Effect 47 48–48 Effect 48 49–49 Effect 49 50–50 Effect 50 51–51 Effect 51 52–52 Effect 52 53–53 Effect 53 54–54 Effect 54 55–55 Effect 55 56–56 Effect 56 57–57 Effect 57 58–58 Effect 58 59–59 Effect 59 60–60 Effect 60 61–61 Effect 61 62–62 Effect 62 63–63 Effect 63

RGB Extended 8Bit Group By 1 Combined Mode (continued)

Ch	Function	Default	DMX values
44	Effect Speed 2	0	0–0 Stop 1–127 CCW S > F 128–254 CW F > S 255–255 Stop
45	Effects2Adjust1	0	0–0 Min 1–254 Min > Max 255–255 Max
46	Effects Sync	0	0–0 Min 1–254 Min > Max 255–255 Max
47	Control1	0	

RGB 16Bit Group By 1 Combined Mode

51 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
7	Reserved 7	0	
8	Reserved 8	0	
9	Reserved 9	0	
10	Reserved 10	0	
11	Reserved 11	0	
12	Reserved 12	0	
13	Reserved 13	0	
14	Reserved 14	0	
15	Reserved 15	0	
16	Reserved 16	0	
17	Reserved 17	0	
18	Reserved 18	0	
19	Reserved 19	0	
20	Reserved 20	0	
21	Reserved 21	0	
22	Reserved 22	0	
23	Reserved 23	0	
24	Reserved 24	0	
25	Reserved 25	0	
26	Reserved 26	0	
27	Reserved 27	0	
28	Reserved 28	0	
29	Reserved 29	0	
30	Reserved 30	0	
31	Reserved 31	0	
32	Reserved 32	0	

RGB 16Bit Group By 1 Combined Mode (continued)

Ch	Function	Default	DMX values
33	Reserved 33	0	
34	Reserved 34	0	
35	Reserved 35	0	
36	Reserved 36	0	
37	Reserved 37	0	
38	Reserved 38	0	
39	Reserved 39	0	
40	Reserved 40	0	
41	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max

RGB 16Bit Group By 1 Combined Mode (continued)

Ch	Function	Default	DMX values
42	Effect	0	0–0 Effect Off 1–1 Effect 1 2–2 Effect 2 3–3 Effect 3 4–4 Effect 4 5–5 Effect 5 6–6 Effect 6 7–7 Effect 7 8–8 Effect 8 9–9 Effect 9 10–10 Effect 10 11–11 Effect 11 12–12 Effect 12 13–13 Effect 13 14–14 Effect 14 15–15 Effect 15 16–16 Effect 16 17–17 Effect 17 18–18 Effect 18 19–19 Effect 19 20–20 Effect 20 21–21 Effect 21 22–22 Effect 22 23–23 Effect 23 24–24 Effect 24 25–25 Effect 25 26–26 Effect 26 27–27 Effect 27 28–28 Effect 28 29–29 Effect 29 30–30 Effect 30 31–31 Effect 31 32–32 Effect 32 33–33 Effect 33 34–34 Effect 34 35–35 Effect 35 36–36 Effect 36 37–37 Effect 37 38–38 Effect 38 39–39 Effect 39 40–40 Effect 40 41–41 Effect 41 42–42 Effect 42 43–43 Effect 43 44–44 Effect 44 45–45 Effect 45 46–46 Effect 46 47–47 Effect 47 48–48 Effect 48 49–49 Effect 49 50–50 Effect 50 51–51 Effect 51 52–52 Effect 52 53–53 Effect 53 54–54 Effect 54 55–55 Effect 55 56–56 Effect 56 57–57 Effect 57 58–58 Effect 58 59–59 Effect 59 60–60 Effect 60 61–61 Effect 61 62–62 Effect 62 63–63 Effect 63

RGB 16Bit Group By 1 Combined Mode (continued)

Ch	Function	Default	DMX values
43	Effect Speed	0	0–0 Stop 1–127 CCW S > F 128–254 CW F > S 255–255 Stop
44	Effects1Adjust1	0	0–0 Min 1–254 Min > Max 255–255 Max
45	Effects Sync	0	0–0 Min 1–254 Min > Max 255–255 Max
46	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max

RGB 16Bit Group By 1 Combined Mode (continued)

Ch	Function	Default	DMX values
47	Effect 2	0	0–0 Effect Off 1–1 Effect 1 2–2 Effect 2 3–3 Effect 3 4–4 Effect 4 5–5 Effect 5 6–6 Effect 6 7–7 Effect 7 8–8 Effect 8 9–9 Effect 9 10–10 Effect 10 11–11 Effect 11 12–12 Effect 12 13–13 Effect 13 14–14 Effect 14 15–15 Effect 15 16–16 Effect 16 17–17 Effect 17 18–18 Effect 18 19–19 Effect 19 20–20 Effect 20 21–21 Effect 21 22–22 Effect 22 23–23 Effect 23 24–24 Effect 24 25–25 Effect 25 26–26 Effect 26 27–27 Effect 27 28–28 Effect 28 29–29 Effect 29 30–30 Effect 30 31–31 Effect 31 32–32 Effect 32 33–33 Effect 33 34–34 Effect 34 35–35 Effect 35 36–36 Effect 36 37–37 Effect 37 38–38 Effect 38 39–39 Effect 39 40–40 Effect 40 41–41 Effect 41 42–42 Effect 42 43–43 Effect 43 44–44 Effect 44 45–45 Effect 45 46–46 Effect 46 47–47 Effect 47 48–48 Effect 48 49–49 Effect 49 50–50 Effect 50 51–51 Effect 51 52–52 Effect 52 53–53 Effect 53 54–54 Effect 54 55–55 Effect 55 56–56 Effect 56 57–57 Effect 57 58–58 Effect 58 59–59 Effect 59 60–60 Effect 60 61–61 Effect 61 62–62 Effect 62 63–63 Effect 63

RGB 16Bit Group By 1 Combined Mode (continued)

Ch	Function	Default	DMX values
48	Effect Speed 2	0	0–0 Stop 1–127 CCW S > F 128–254 CW F > S 255–255 Stop
49	Effects2Adjust1	0	0–0 Min 1–254 Min > Max 255–255 Max
50	Effects Sync	0	0–0 Min 1–254 Min > Max 255–255 Max
51	Control1	0	

RGBA Extended 8Bit Group By 1 Combined Mode

51 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
5	Color Add RY	0	0–0 Min 1–254 Min > Max 255–255 Max
6	H SBSaturation	0	0–0 Min 1–254 Min > Max 255–255 Max
7	C TC	180	
8	Tint	127	0–0 Min 1–254 Min > Max 255–255 Max
9	Reserved 9	0	
10	Reserved 10	0	
11	Reserved 11	0	
12	Reserved 12	0	
13	Reserved 13	0	
14	Reserved 14	0	
15	Reserved 15	0	
16	Reserved 16	0	
17	Reserved 17	0	
18	Reserved 18	0	
19	Reserved 19	0	
20	Reserved 20	0	
21	Reserved 21	0	
22	Reserved 22	0	

RGBA Extended 8Bit Group By 1 Combined Mode (continued)

Ch	Function	Default	DMX values
23	Reserved 23	0	
24	Reserved 24	0	
25	Reserved 25	0	
26	Reserved 26	0	
27	Reserved 27	0	
28	Reserved 28	0	
29	Reserved 29	0	
30	Reserved 30	0	
31	Reserved 31	0	
32	Reserved 32	0	
33	Reserved 33	0	
34	Reserved 34	0	
35	Reserved 35	0	
36	Reserved 36	0	
37	Reserved 37	0	
38	Reserved 38	0	
39	Reserved 39	0	
40	Reserved 40	0	
41	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max

RGBA Extended 8Bit Group By 1 Combined Mode (continued)

Ch	Function	Default	DMX values
42	Effect	0	0–0 Effect Off 1–1 Effect 1 2–2 Effect 2 3–3 Effect 3 4–4 Effect 4 5–5 Effect 5 6–6 Effect 6 7–7 Effect 7 8–8 Effect 8 9–9 Effect 9 10–10 Effect 10 11–11 Effect 11 12–12 Effect 12 13–13 Effect 13 14–14 Effect 14 15–15 Effect 15 16–16 Effect 16 17–17 Effect 17 18–18 Effect 18 19–19 Effect 19 20–20 Effect 20 21–21 Effect 21 22–22 Effect 22 23–23 Effect 23 24–24 Effect 24 25–25 Effect 25 26–26 Effect 26 27–27 Effect 27 28–28 Effect 28 29–29 Effect 29 30–30 Effect 30 31–31 Effect 31 32–32 Effect 32 33–33 Effect 33 34–34 Effect 34 35–35 Effect 35 36–36 Effect 36 37–37 Effect 37 38–38 Effect 38 39–39 Effect 39 40–40 Effect 40 41–41 Effect 41 42–42 Effect 42 43–43 Effect 43 44–44 Effect 44 45–45 Effect 45 46–46 Effect 46 47–47 Effect 47 48–48 Effect 48 49–49 Effect 49 50–50 Effect 50 51–51 Effect 51 52–52 Effect 52 53–53 Effect 53 54–54 Effect 54 55–55 Effect 55 56–56 Effect 56 57–57 Effect 57 58–58 Effect 58 59–59 Effect 59 60–60 Effect 60 61–61 Effect 61 62–62 Effect 62 63–63 Effect 63

RGBA Extended 8Bit Group By 1 Combined Mode (continued)

Ch	Function	Default	DMX values
43	Effect Speed	0	0–0 Stop 1–127 CCW S > F 128–254 CW F > S 255–255 Stop
44	Effects1Adjust1	0	0–0 Min 1–254 Min > Max 255–255 Max
45	Effects Sync	0	0–0 Min 1–254 Min > Max 255–255 Max
46	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max

RGBA Extended 8Bit Group By 1 Combined Mode (continued)

Ch	Function	Default	DMX values
47	Effect 2	0	0–0 Effect Off 1–1 Effect 1 2–2 Effect 2 3–3 Effect 3 4–4 Effect 4 5–5 Effect 5 6–6 Effect 6 7–7 Effect 7 8–8 Effect 8 9–9 Effect 9 10–10 Effect 10 11–11 Effect 11 12–12 Effect 12 13–13 Effect 13 14–14 Effect 14 15–15 Effect 15 16–16 Effect 16 17–17 Effect 17 18–18 Effect 18 19–19 Effect 19 20–20 Effect 20 21–21 Effect 21 22–22 Effect 22 23–23 Effect 23 24–24 Effect 24 25–25 Effect 25 26–26 Effect 26 27–27 Effect 27 28–28 Effect 28 29–29 Effect 29 30–30 Effect 30 31–31 Effect 31 32–32 Effect 32 33–33 Effect 33 34–34 Effect 34 35–35 Effect 35 36–36 Effect 36 37–37 Effect 37 38–38 Effect 38 39–39 Effect 39 40–40 Effect 40 41–41 Effect 41 42–42 Effect 42 43–43 Effect 43 44–44 Effect 44 45–45 Effect 45 46–46 Effect 46 47–47 Effect 47 48–48 Effect 48 49–49 Effect 49 50–50 Effect 50 51–51 Effect 51 52–52 Effect 52 53–53 Effect 53 54–54 Effect 54 55–55 Effect 55 56–56 Effect 56 57–57 Effect 57 58–58 Effect 58 59–59 Effect 59 60–60 Effect 60 61–61 Effect 61 62–62 Effect 62 63–63 Effect 63

RGBA Extended 8Bit Group By 1 Combined Mode (continued)

Ch	Function	Default	DMX values
48	Effect Speed 2	0	0–0 Stop 1–127 CCW S > F 128–254 CW F > S 255–255 Stop
49	Effects2Adjust1	0	0–0 Min 1–254 Min > Max 255–255 Max
50	Effects Sync	0	0–0 Min 1–254 Min > Max 255–255 Max
51	Control1	0	

RGB Compact 16Bit Group By 1 Combined Mode

57 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	C TC	180	
4	C TC Fine	180	Fine byte of C TC
5	Tint	127	
6	Tint Fine	255	Fine byte of Tint
7	Reserved 7	0	
8	Reserved 8	0	
9	Reserved 9	0	
10	Reserved 10	0	
11	Reserved 11	0	
12	Reserved 12	0	
13	Reserved 13	0	
14	Reserved 14	0	
15	Reserved 15	0	
16	Reserved 16	0	
17	Reserved 17	0	
18	Reserved 18	0	
19	Reserved 19	0	
20	Reserved 20	0	
21	Reserved 21	0	
22	Reserved 22	0	
23	Reserved 23	0	
24	Reserved 24	0	
25	Reserved 25	0	
26	Reserved 26	0	
27	Reserved 27	0	
28	Reserved 28	0	
29	Reserved 29	0	
30	Reserved 30	0	
31	Reserved 31	0	
32	Reserved 32	0	

RGB Compact 16Bit Group By 1 Combined Mode (continued)

Ch	Function	Default	DMX values
33	Reserved 33	0	
34	Reserved 34	0	
35	Reserved 35	0	
36	Reserved 36	0	
37	Reserved 37	0	
38	Reserved 38	0	
39	Reserved 39	0	
40	Reserved 40	0	
41	Reserved 41	0	
42	Reserved 42	0	
43	Reserved 43	0	
44	Reserved 44	0	
45	Reserved 45	0	
46	Reserved 46	0	
47	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max

RGB Compact 16Bit Group By 1 Combined Mode (continued)

Ch	Function	Default	DMX values
48	Effect	0	0–0 Effect Off 1–1 Effect 1 2–2 Effect 2 3–3 Effect 3 4–4 Effect 4 5–5 Effect 5 6–6 Effect 6 7–7 Effect 7 8–8 Effect 8 9–9 Effect 9 10–10 Effect 10 11–11 Effect 11 12–12 Effect 12 13–13 Effect 13 14–14 Effect 14 15–15 Effect 15 16–16 Effect 16 17–17 Effect 17 18–18 Effect 18 19–19 Effect 19 20–20 Effect 20 21–21 Effect 21 22–22 Effect 22 23–23 Effect 23 24–24 Effect 24 25–25 Effect 25 26–26 Effect 26 27–27 Effect 27 28–28 Effect 28 29–29 Effect 29 30–30 Effect 30 31–31 Effect 31 32–32 Effect 32 33–33 Effect 33 34–34 Effect 34 35–35 Effect 35 36–36 Effect 36 37–37 Effect 37 38–38 Effect 38 39–39 Effect 39 40–40 Effect 40 41–41 Effect 41 42–42 Effect 42 43–43 Effect 43 44–44 Effect 44 45–45 Effect 45 46–46 Effect 46 47–47 Effect 47 48–48 Effect 48 49–49 Effect 49 50–50 Effect 50 51–51 Effect 51 52–52 Effect 52 53–53 Effect 53 54–54 Effect 54 55–55 Effect 55 56–56 Effect 56 57–57 Effect 57 58–58 Effect 58 59–59 Effect 59 60–60 Effect 60 61–61 Effect 61 62–62 Effect 62 63–63 Effect 63

RGB Compact 16Bit Group By 1 Combined Mode (continued)

Ch	Function	Default	DMX values
49	Effect Speed	0	0–0 Stop 1–127 CCW S > F 128–254 CW F > S 255–255 Stop
50	Effects1Adjust1	0	0–0 Min 1–254 Min > Max 255–255 Max
51	Effects Sync	0	0–0 Min 1–254 Min > Max 255–255 Max
52	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max

RGB Compact 16Bit Group By 1 Combined Mode (continued)

Ch	Function	Default	DMX values
53	Effect 2	0	0–0 Effect Off 1–1 Effect 1 2–2 Effect 2 3–3 Effect 3 4–4 Effect 4 5–5 Effect 5 6–6 Effect 6 7–7 Effect 7 8–8 Effect 8 9–9 Effect 9 10–10 Effect 10 11–11 Effect 11 12–12 Effect 12 13–13 Effect 13 14–14 Effect 14 15–15 Effect 15 16–16 Effect 16 17–17 Effect 17 18–18 Effect 18 19–19 Effect 19 20–20 Effect 20 21–21 Effect 21 22–22 Effect 22 23–23 Effect 23 24–24 Effect 24 25–25 Effect 25 26–26 Effect 26 27–27 Effect 27 28–28 Effect 28 29–29 Effect 29 30–30 Effect 30 31–31 Effect 31 32–32 Effect 32 33–33 Effect 33 34–34 Effect 34 35–35 Effect 35 36–36 Effect 36 37–37 Effect 37 38–38 Effect 38 39–39 Effect 39 40–40 Effect 40 41–41 Effect 41 42–42 Effect 42 43–43 Effect 43 44–44 Effect 44 45–45 Effect 45 46–46 Effect 46 47–47 Effect 47 48–48 Effect 48 49–49 Effect 49 50–50 Effect 50 51–51 Effect 51 52–52 Effect 52 53–53 Effect 53 54–54 Effect 54 55–55 Effect 55 56–56 Effect 56 57–57 Effect 57 58–58 Effect 58 59–59 Effect 59 60–60 Effect 60 61–61 Effect 61 62–62 Effect 62 63–63 Effect 63

RGB Compact 16Bit Group By 1 Combined Mode (continued)

Ch	Function	Default	DMX values
54	Effect Speed 2	0	0–0 Stop 1–127 CCW S > F 128–254 CW F > S 255–255 Stop
55	Effects2Adjust1	0	0–0 Min 1–254 Min > Max 255–255 Max
56	Effects Sync	0	0–0 Min 1–254 Min > Max 255–255 Max
57	Control1	0	

RGBA 16Bit Group By 1 Combined Mode

59 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
7	Color Add RY	0	
8	Color Add RY Fine	0	Fine byte of Color Add RY
9	Reserved 9	0	
10	Reserved 10	0	
11	Reserved 11	0	
12	Reserved 12	0	
13	Reserved 13	0	
14	Reserved 14	0	
15	Reserved 15	0	
16	Reserved 16	0	
17	Reserved 17	0	
18	Reserved 18	0	
19	Reserved 19	0	
20	Reserved 20	0	
21	Reserved 21	0	
22	Reserved 22	0	
23	Reserved 23	0	
24	Reserved 24	0	
25	Reserved 25	0	
26	Reserved 26	0	
27	Reserved 27	0	
28	Reserved 28	0	
29	Reserved 29	0	
30	Reserved 30	0	
31	Reserved 31	0	
32	Reserved 32	0	

RGBA 16Bit Group By 1 Combined Mode (continued)

Ch	Function	Default	DMX values
33	Reserved 33	0	
34	Reserved 34	0	
35	Reserved 35	0	
36	Reserved 36	0	
37	Reserved 37	0	
38	Reserved 38	0	
39	Reserved 39	0	
40	Reserved 40	0	
41	Reserved 41	0	
42	Reserved 42	0	
43	Reserved 43	0	
44	Reserved 44	0	
45	Reserved 45	0	
46	Reserved 46	0	
47	Reserved 47	0	
48	Reserved 48	0	
49	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max

RGBA 16Bit Group By 1 Combined Mode (continued)

Ch	Function	Default	DMX values
50	Effect	0	0–0 Effect Off 1–1 Effect 1 2–2 Effect 2 3–3 Effect 3 4–4 Effect 4 5–5 Effect 5 6–6 Effect 6 7–7 Effect 7 8–8 Effect 8 9–9 Effect 9 10–10 Effect 10 11–11 Effect 11 12–12 Effect 12 13–13 Effect 13 14–14 Effect 14 15–15 Effect 15 16–16 Effect 16 17–17 Effect 17 18–18 Effect 18 19–19 Effect 19 20–20 Effect 20 21–21 Effect 21 22–22 Effect 22 23–23 Effect 23 24–24 Effect 24 25–25 Effect 25 26–26 Effect 26 27–27 Effect 27 28–28 Effect 28 29–29 Effect 29 30–30 Effect 30 31–31 Effect 31 32–32 Effect 32 33–33 Effect 33 34–34 Effect 34 35–35 Effect 35 36–36 Effect 36 37–37 Effect 37 38–38 Effect 38 39–39 Effect 39 40–40 Effect 40 41–41 Effect 41 42–42 Effect 42 43–43 Effect 43 44–44 Effect 44 45–45 Effect 45 46–46 Effect 46 47–47 Effect 47 48–48 Effect 48 49–49 Effect 49 50–50 Effect 50 51–51 Effect 51 52–52 Effect 52 53–53 Effect 53 54–54 Effect 54 55–55 Effect 55 56–56 Effect 56 57–57 Effect 57 58–58 Effect 58 59–59 Effect 59 60–60 Effect 60 61–61 Effect 61 62–62 Effect 62 63–63 Effect 63

RGBA 16Bit Group By 1 Combined Mode (continued)

Ch	Function	Default	DMX values
51	Effect Speed	0	0–0 Stop 1–127 CCW S > F 128–254 CW F > S 255–255 Stop
52	Effects1Adjust1	0	0–0 Min 1–254 Min > Max 255–255 Max
53	Effects Sync	0	0–0 Min 1–254 Min > Max 255–255 Max
54	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max

RGBA 16Bit Group By 1 Combined Mode (continued)

Ch	Function	Default	DMX values
55	Effect 2	0	0–0 Effect Off 1–1 Effect 1 2–2 Effect 2 3–3 Effect 3 4–4 Effect 4 5–5 Effect 5 6–6 Effect 6 7–7 Effect 7 8–8 Effect 8 9–9 Effect 9 10–10 Effect 10 11–11 Effect 11 12–12 Effect 12 13–13 Effect 13 14–14 Effect 14 15–15 Effect 15 16–16 Effect 16 17–17 Effect 17 18–18 Effect 18 19–19 Effect 19 20–20 Effect 20 21–21 Effect 21 22–22 Effect 22 23–23 Effect 23 24–24 Effect 24 25–25 Effect 25 26–26 Effect 26 27–27 Effect 27 28–28 Effect 28 29–29 Effect 29 30–30 Effect 30 31–31 Effect 31 32–32 Effect 32 33–33 Effect 33 34–34 Effect 34 35–35 Effect 35 36–36 Effect 36 37–37 Effect 37 38–38 Effect 38 39–39 Effect 39 40–40 Effect 40 41–41 Effect 41 42–42 Effect 42 43–43 Effect 43 44–44 Effect 44 45–45 Effect 45 46–46 Effect 46 47–47 Effect 47 48–48 Effect 48 49–49 Effect 49 50–50 Effect 50 51–51 Effect 51 52–52 Effect 52 53–53 Effect 53 54–54 Effect 54 55–55 Effect 55 56–56 Effect 56 57–57 Effect 57 58–58 Effect 58 59–59 Effect 59 60–60 Effect 60 61–61 Effect 61 62–62 Effect 62 63–63 Effect 63

RGBA 16Bit Group By 1 Combined Mode (continued)

Ch	Function	Default	DMX values
56	Effect Speed 2	0	0–0 Stop 1–127 CCW S > F 128–254 CW F > S 255–255 Stop
57	Effects2Adjust1	0	0–0 Min 1–254 Min > Max 255–255 Max
58	Effects Sync	0	0–0 Min 1–254 Min > Max 255–255 Max
59	Control1	0	

RGBA Compact 16Bit Group By 1 Combined Mode

65 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	C TC	180	
4	C TC Fine	180	Fine byte of C TC
5	Tint	127	
6	Tint Fine	255	Fine byte of Tint
7	Color Add RY	0	
8	Color Add RY Fine	0	Fine byte of Color Add RY
9	Reserved 9	0	
10	Reserved 10	0	
11	Reserved 11	0	
12	Reserved 12	0	
13	Reserved 13	0	
14	Reserved 14	0	
15	Reserved 15	0	
16	Reserved 16	0	
17	Reserved 17	0	
18	Reserved 18	0	
19	Reserved 19	0	
20	Reserved 20	0	
21	Reserved 21	0	
22	Reserved 22	0	
23	Reserved 23	0	
24	Reserved 24	0	
25	Reserved 25	0	
26	Reserved 26	0	
27	Reserved 27	0	
28	Reserved 28	0	
29	Reserved 29	0	
30	Reserved 30	0	
31	Reserved 31	0	
32	Reserved 32	0	

RGBA Compact 16Bit Group By 1 Combined Mode (continued)

Ch	Function	Default	DMX values
33	Reserved 33	0	
34	Reserved 34	0	
35	Reserved 35	0	
36	Reserved 36	0	
37	Reserved 37	0	
38	Reserved 38	0	
39	Reserved 39	0	
40	Reserved 40	0	
41	Reserved 41	0	
42	Reserved 42	0	
43	Reserved 43	0	
44	Reserved 44	0	
45	Reserved 45	0	
46	Reserved 46	0	
47	Reserved 47	0	
48	Reserved 48	0	
49	Reserved 49	0	
50	Reserved 50	0	
51	Reserved 51	0	
52	Reserved 52	0	
53	Reserved 53	0	
54	Reserved 54	0	
55	Dimmer	0	

RGBA Compact 16Bit Group By 1 Combined Mode (continued)

Ch	Function	Default	DMX values
56	Effect	0	0–0 Effect Off 1–1 Effect 1 2–2 Effect 2 3–3 Effect 3 4–4 Effect 4 5–5 Effect 5 6–6 Effect 6 7–7 Effect 7 8–8 Effect 8 9–9 Effect 9 10–10 Effect 10 11–11 Effect 11 12–12 Effect 12 13–13 Effect 13 14–14 Effect 14 15–15 Effect 15 16–16 Effect 16 17–17 Effect 17 18–18 Effect 18 19–19 Effect 19 20–20 Effect 20 21–21 Effect 21 22–22 Effect 22 23–23 Effect 23 24–24 Effect 24 25–25 Effect 25 26–26 Effect 26 27–27 Effect 27 28–28 Effect 28 29–29 Effect 29 30–30 Effect 30 31–31 Effect 31 32–32 Effect 32 33–33 Effect 33 34–34 Effect 34 35–35 Effect 35 36–36 Effect 36 37–37 Effect 37 38–38 Effect 38 39–39 Effect 39 40–40 Effect 40 41–41 Effect 41 42–42 Effect 42 43–43 Effect 43 44–44 Effect 44 45–45 Effect 45 46–46 Effect 46 47–47 Effect 47 48–48 Effect 48 49–49 Effect 49 50–50 Effect 50 51–51 Effect 51 52–52 Effect 52 53–53 Effect 53 54–54 Effect 54 55–55 Effect 55 56–56 Effect 56 57–57 Effect 57 58–58 Effect 58 59–59 Effect 59 60–60 Effect 60 61–61 Effect 61 62–62 Effect 62 63–63 Effect 63

RGBA Compact 16Bit Group By 1 Combined Mode (continued)

Ch	Function	Default	DMX values
57	Effect Speed	0	
58	Effects1Adjust1	0	
59	Effects Sync	0	
60	Dimmer	0	

RGBA Compact 16Bit Group By 1 Combined Mode (continued)

Ch	Function	Default	DMX values
61	Effect 2	0	0–0 Effect Off 1–1 Effect 1 2–2 Effect 2 3–3 Effect 3 4–4 Effect 4 5–5 Effect 5 6–6 Effect 6 7–7 Effect 7 8–8 Effect 8 9–9 Effect 9 10–10 Effect 10 11–11 Effect 11 12–12 Effect 12 13–13 Effect 13 14–14 Effect 14 15–15 Effect 15 16–16 Effect 16 17–17 Effect 17 18–18 Effect 18 19–19 Effect 19 20–20 Effect 20 21–21 Effect 21 22–22 Effect 22 23–23 Effect 23 24–24 Effect 24 25–25 Effect 25 26–26 Effect 26 27–27 Effect 27 28–28 Effect 28 29–29 Effect 29 30–30 Effect 30 31–31 Effect 31 32–32 Effect 32 33–33 Effect 33 34–34 Effect 34 35–35 Effect 35 36–36 Effect 36 37–37 Effect 37 38–38 Effect 38 39–39 Effect 39 40–40 Effect 40 41–41 Effect 41 42–42 Effect 42 43–43 Effect 43 44–44 Effect 44 45–45 Effect 45 46–46 Effect 46 47–47 Effect 47 48–48 Effect 48 49–49 Effect 49 50–50 Effect 50 51–51 Effect 51 52–52 Effect 52 53–53 Effect 53 54–54 Effect 54 55–55 Effect 55 56–56 Effect 56 57–57 Effect 57 58–58 Effect 58 59–59 Effect 59 60–60 Effect 60 61–61 Effect 61 62–62 Effect 62 63–63 Effect 63

RGBA Compact 16Bit Group By 1 Combined Mode (continued)

Ch	Function	Default	DMX values
62	Effect Speed 2	0	
63	Effects2Adjust1	0	
64	Effects Sync	0	
65	Control1	0	

RGB Extended 16Bit Group By 1 Combined Mode

83 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
9	H SBSaturation	0	
10	H SBSaturation Fine	0	Fine byte of H SBSaturation
11	C TC	180	
12	C TC Fine	180	Fine byte of C TC
13	Tint	127	
14	Tint Fine	255	Fine byte of Tint
15	Reserved 15	0	
16	Reserved 16	0	
17	Reserved 17	0	
18	Reserved 18	0	
19	Reserved 19	0	
20	Reserved 20	0	
21	Reserved 21	0	
22	Reserved 22	0	
23	Reserved 23	0	
24	Reserved 24	0	
25	Reserved 25	0	
26	Reserved 26	0	
27	Reserved 27	0	
28	Reserved 28	0	
29	Reserved 29	0	
30	Reserved 30	0	
31	Reserved 31	0	
32	Reserved 32	0	
33	Reserved 33	0	
34	Reserved 34	0	
35	Reserved 35	0	
36	Reserved 36	0	
37	Reserved 37	0	

RGB Extended 16Bit Group By 1 Combined Mode (continued)

Ch	Function	Default	DMX values
38	Reserved 38	0	
39	Reserved 39	0	
40	Reserved 40	0	
41	Reserved 41	0	
42	Reserved 42	0	
43	Reserved 43	0	
44	Reserved 44	0	
45	Reserved 45	0	
46	Reserved 46	0	
47	Reserved 47	0	
48	Reserved 48	0	
49	Reserved 49	0	
50	Reserved 50	0	
51	Reserved 51	0	
52	Reserved 52	0	
53	Reserved 53	0	
54	Reserved 54	0	
55	Reserved 55	0	
56	Reserved 56	0	
57	Reserved 57	0	
58	Reserved 58	0	
59	Reserved 59	0	
60	Reserved 60	0	
61	Reserved 61	0	
62	Reserved 62	0	
63	Reserved 63	0	
64	Reserved 64	0	
65	Reserved 65	0	
66	Reserved 66	0	
67	Reserved 67	0	
68	Reserved 68	0	
69	Reserved 69	0	
70	Reserved 70	0	
71	Reserved 71	0	
72	Reserved 72	0	
73	Dimmer	0	

RGB Extended 16Bit Group By 1 Combined Mode (continued)

Ch	Function	Default	DMX values
74	Effect	0	0–0 Effect Off 1–1 Effect 1 2–2 Effect 2 3–3 Effect 3 4–4 Effect 4 5–5 Effect 5 6–6 Effect 6 7–7 Effect 7 8–8 Effect 8 9–9 Effect 9 10–10 Effect 10 11–11 Effect 11 12–12 Effect 12 13–13 Effect 13 14–14 Effect 14 15–15 Effect 15 16–16 Effect 16 17–17 Effect 17 18–18 Effect 18 19–19 Effect 19 20–20 Effect 20 21–21 Effect 21 22–22 Effect 22 23–23 Effect 23 24–24 Effect 24 25–25 Effect 25 26–26 Effect 26 27–27 Effect 27 28–28 Effect 28 29–29 Effect 29 30–30 Effect 30 31–31 Effect 31 32–32 Effect 32 33–33 Effect 33 34–34 Effect 34 35–35 Effect 35 36–36 Effect 36 37–37 Effect 37 38–38 Effect 38 39–39 Effect 39 40–40 Effect 40 41–41 Effect 41 42–42 Effect 42 43–43 Effect 43 44–44 Effect 44 45–45 Effect 45 46–46 Effect 46 47–47 Effect 47 48–48 Effect 48 49–49 Effect 49 50–50 Effect 50 51–51 Effect 51 52–52 Effect 52 53–53 Effect 53 54–54 Effect 54 55–55 Effect 55 56–56 Effect 56 57–57 Effect 57 58–58 Effect 58 59–59 Effect 59 60–60 Effect 60 61–61 Effect 61 62–62 Effect 62 63–63 Effect 63

RGB Extended 16Bit Group By 1 Combined Mode (continued)

Ch	Function	Default	DMX values
75	Effect Speed	0	
76	Effects1Adjust1	0	
77	Effects Sync	0	
78	Dimmer	0	

RGB Extended 16Bit Group By 1 Combined Mode (continued)

Ch	Function	Default	DMX values
79	Effect 2	0	0–0 Effect Off 1–1 Effect 1 2–2 Effect 2 3–3 Effect 3 4–4 Effect 4 5–5 Effect 5 6–6 Effect 6 7–7 Effect 7 8–8 Effect 8 9–9 Effect 9 10–10 Effect 10 11–11 Effect 11 12–12 Effect 12 13–13 Effect 13 14–14 Effect 14 15–15 Effect 15 16–16 Effect 16 17–17 Effect 17 18–18 Effect 18 19–19 Effect 19 20–20 Effect 20 21–21 Effect 21 22–22 Effect 22 23–23 Effect 23 24–24 Effect 24 25–25 Effect 25 26–26 Effect 26 27–27 Effect 27 28–28 Effect 28 29–29 Effect 29 30–30 Effect 30 31–31 Effect 31 32–32 Effect 32 33–33 Effect 33 34–34 Effect 34 35–35 Effect 35 36–36 Effect 36 37–37 Effect 37 38–38 Effect 38 39–39 Effect 39 40–40 Effect 40 41–41 Effect 41 42–42 Effect 42 43–43 Effect 43 44–44 Effect 44 45–45 Effect 45 46–46 Effect 46 47–47 Effect 47 48–48 Effect 48 49–49 Effect 49 50–50 Effect 50 51–51 Effect 51 52–52 Effect 52 53–53 Effect 53 54–54 Effect 54 55–55 Effect 55 56–56 Effect 56 57–57 Effect 57 58–58 Effect 58 59–59 Effect 59 60–60 Effect 60 61–61 Effect 61 62–62 Effect 62 63–63 Effect 63

RGB Extended 16Bit Group By 1 Combined Mode (continued)

Ch	Function	Default	DMX values
80	Effect Speed 2	0	
81	Effects2Adjust1	0	
82	Effects Sync	0	
83	Control1	0	

RGBA Extended 16Bit Group By 1 Combined Mode

91 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
9	Color Add RY	0	
10	Color Add RY Fine	0	Fine byte of Color Add RY
11	H SBSaturation	0	
12	H SBSaturation Fine	0	Fine byte of H SBSaturation
13	C TC	180	
14	C TC Fine	180	Fine byte of C TC
15	Tint	127	
16	Tint Fine	255	Fine byte of Tint
17	Reserved 17	0	
18	Reserved 18	0	
19	Reserved 19	0	
20	Reserved 20	0	
21	Reserved 21	0	
22	Reserved 22	0	
23	Reserved 23	0	
24	Reserved 24	0	
25	Reserved 25	0	
26	Reserved 26	0	
27	Reserved 27	0	
28	Reserved 28	0	
29	Reserved 29	0	
30	Reserved 30	0	
31	Reserved 31	0	
32	Reserved 32	0	
33	Reserved 33	0	
34	Reserved 34	0	
35	Reserved 35	0	
36	Reserved 36	0	
37	Reserved 37	0	

RGBA Extended 16Bit Group By 1 Combined Mode (continued)

Ch	Function	Default	DMX values
38	Reserved 38	0	
39	Reserved 39	0	
40	Reserved 40	0	
41	Reserved 41	0	
42	Reserved 42	0	
43	Reserved 43	0	
44	Reserved 44	0	
45	Reserved 45	0	
46	Reserved 46	0	
47	Reserved 47	0	
48	Reserved 48	0	
49	Reserved 49	0	
50	Reserved 50	0	
51	Reserved 51	0	
52	Reserved 52	0	
53	Reserved 53	0	
54	Reserved 54	0	
55	Reserved 55	0	
56	Reserved 56	0	
57	Reserved 57	0	
58	Reserved 58	0	
59	Reserved 59	0	
60	Reserved 60	0	
61	Reserved 61	0	
62	Reserved 62	0	
63	Reserved 63	0	
64	Reserved 64	0	
65	Reserved 65	0	
66	Reserved 66	0	
67	Reserved 67	0	
68	Reserved 68	0	
69	Reserved 69	0	
70	Reserved 70	0	
71	Reserved 71	0	
72	Reserved 72	0	
73	Reserved 73	0	
74	Reserved 74	0	
75	Reserved 75	0	
76	Reserved 76	0	
77	Reserved 77	0	
78	Reserved 78	0	
79	Reserved 79	0	
80	Reserved 80	0	
81	Dimmer	0	

RGBA Extended 16Bit Group By 1 Combined Mode (continued)

Ch	Function	Default	DMX values
82	Effect	0	0–0 Effect Off 1–1 Effect 1 2–2 Effect 2 3–3 Effect 3 4–4 Effect 4 5–5 Effect 5 6–6 Effect 6 7–7 Effect 7 8–8 Effect 8 9–9 Effect 9 10–10 Effect 10 11–11 Effect 11 12–12 Effect 12 13–13 Effect 13 14–14 Effect 14 15–15 Effect 15 16–16 Effect 16 17–17 Effect 17 18–18 Effect 18 19–19 Effect 19 20–20 Effect 20 21–21 Effect 21 22–22 Effect 22 23–23 Effect 23 24–24 Effect 24 25–25 Effect 25 26–26 Effect 26 27–27 Effect 27 28–28 Effect 28 29–29 Effect 29 30–30 Effect 30 31–31 Effect 31 32–32 Effect 32 33–33 Effect 33 34–34 Effect 34 35–35 Effect 35 36–36 Effect 36 37–37 Effect 37 38–38 Effect 38 39–39 Effect 39 40–40 Effect 40 41–41 Effect 41 42–42 Effect 42 43–43 Effect 43 44–44 Effect 44 45–45 Effect 45 46–46 Effect 46 47–47 Effect 47 48–48 Effect 48 49–49 Effect 49 50–50 Effect 50 51–51 Effect 51 52–52 Effect 52 53–53 Effect 53 54–54 Effect 54 55–55 Effect 55 56–56 Effect 56 57–57 Effect 57 58–58 Effect 58 59–59 Effect 59 60–60 Effect 60 61–61 Effect 61 62–62 Effect 62 63–63 Effect 63

RGBA Extended 16Bit Group By 1 Combined Mode (continued)

Ch	Function	Default	DMX values
83	Effect Speed	0	
84	Effects1Adjust1	0	
85	Effects Sync	0	
86	Dimmer	0	

RGBA Extended 16Bit Group By 1 Combined Mode (continued)

Ch	Function	Default	DMX values
87	Effect 2	0	0–0 Effect Off 1–1 Effect 1 2–2 Effect 2 3–3 Effect 3 4–4 Effect 4 5–5 Effect 5 6–6 Effect 6 7–7 Effect 7 8–8 Effect 8 9–9 Effect 9 10–10 Effect 10 11–11 Effect 11 12–12 Effect 12 13–13 Effect 13 14–14 Effect 14 15–15 Effect 15 16–16 Effect 16 17–17 Effect 17 18–18 Effect 18 19–19 Effect 19 20–20 Effect 20 21–21 Effect 21 22–22 Effect 22 23–23 Effect 23 24–24 Effect 24 25–25 Effect 25 26–26 Effect 26 27–27 Effect 27 28–28 Effect 28 29–29 Effect 29 30–30 Effect 30 31–31 Effect 31 32–32 Effect 32 33–33 Effect 33 34–34 Effect 34 35–35 Effect 35 36–36 Effect 36 37–37 Effect 37 38–38 Effect 38 39–39 Effect 39 40–40 Effect 40 41–41 Effect 41 42–42 Effect 42 43–43 Effect 43 44–44 Effect 44 45–45 Effect 45 46–46 Effect 46 47–47 Effect 47 48–48 Effect 48 49–49 Effect 49 50–50 Effect 50 51–51 Effect 51 52–52 Effect 52 53–53 Effect 53 54–54 Effect 54 55–55 Effect 55 56–56 Effect 56 57–57 Effect 57 58–58 Effect 58 59–59 Effect 59 60–60 Effect 60 61–61 Effect 61 62–62 Effect 62 63–63 Effect 63

RGBA Extended 16Bit Group By 1 Combined Mode (continued)

Ch	Function	Default	DMX values
88	Effect Speed 2	0	
89	Effects2Adjust1	0	
90	Effects Sync	0	
91	Control1	0	