DTS Lighting

X-Brick FC



Manufacturer	**DTS Lighting**
Type	**Effect light**
DMX modes	**9**
DMX footprint	**4, 6, 10, 16, 23, 24, 29, 32 channels**
Beam angle	**8°**
Heads / cells	**5**
Size (W × H × D)	**277 × 193 × 175 mm**
GDTF fixture type	**D132C899-16BD-41C4-8A41-F7…**

Controls

Extra LED colours · RGB colour mixing · Colour temperature · Colour wheel · Strobe · Dimmer · Pixel control

Safety-relevant functions

Built-in effect programmes

DMX modes

Global RGBW	4 ch
RGBW+Shut+Dim	6 ch
RGBWFine+DimFine	10 ch
Standard	10 ch
Sectors RGBW	16 ch
Chase	23 ch
Sectors RGBW+Shut+Dim	24 ch
Extended	29 ch
Sectors RGBWFine	32 ch

Global RGBW

4 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Green	0	
3	Blue	0	
4	White	0	

RGBW+Shut+Dim

6 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Green	0	
3	Blue	0	
4	White	0	
5	Shutter / Strobe	10	0–9 Closed 10–19 Open 20–29 Closed 30–118 Min Strobe 119–119 Max Strobe 120–148 Min Pulse Up 149–149 Max Pulse Up 150–178 Min Pulse Down 179–179 Max Pulse Down 180–204 Random Strobe 205–229 Full Random Strobe 230–255 Open
6	Dimmer	0	

RGBWFine+DimFine

10 channels

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

Standard

10 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Green	0	
3	Blue	0	
4	White	0	

Standard (continued)

Ch	Function	Default	DMX values
5	Shutter / Strobe	10	0–9 Closed 10–19 Open 20–29 Closed 30–118 Min Strobe 119–119 Max Strobe 120–148 Min Pulse Up 149–149 Max Pulse Up 150–178 Min Pulse Down 179–179 Max Pulse Down 180–204 Random Strobe 205–229 Full Random Strobe 230–255 Open
6	Dimmer	0	
7	Dimmer Fine	0	Fine byte of Dimmer
8	C TC	0	0–10 No Function 11–32 2700 K 33–54 3000 K 55–76 3200 K 77–98 3500 K 99–120 4000 K 121–142 4500 K 143–164 5000 K 165–186 5600 K 187–208 6000 K 209–231 6500 K 232–254 7000 K 255–255 8000 K
9	Color Macro1	0	0–14 No Function (wheel slot 1) 15–24 L019 Fire (wheel slot 2) 25–34 L020 Medium Amber (wheel slot 3) 35–44 L025 Sunset Red (wheel slot 4) 45–54 L101 Yellow (wheel slot 5) 55–64 L104 Deep Amber (wheel slot 6) 65–74 L106 Primary Red (wheel slot 7) 75–84 L111 Dark Pink (wheel slot 8) 85–94 L113 Magenta (wheel slot 9) 95–104 L118 Light Blue (wheel slot 10) 105–114 L122 Fern Green (wheel slot 11) 115–124 L126 Mauve (wheel slot 12) 125–134 L137 Special Lavender (wheel slot 13) 135–144 L139 Primary Green (wheel slot 14) 145–154 L147 Apricot (wheel slot 15) 155–164 L154 Pale Rose (wheel slot 16) 165–174 L181 Congo Blue (wheel slot 17) 175–184 Rainbow speed 1 185–194 Rainbow speed 2 195–204 Rainbow speed 3 205–214 Rainbow speed 4 215–224 Rainbow speed 5 225–234 Rainbow speed 6 235–244 Rainbow speed 7 245–255 Rainbow speed 8
10	Control1	31	

Sectors RGBW

16 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Green	0	

Sectors RGBW (continued)

Ch	Function	Default	DMX values
3	Blue	0	
4	White	0	
5	Red	0	
6	Green	0	
7	Blue	0	
8	White	0	
9	Red	0	
10	Green	0	
11	Blue	0	
12	White	0	
13	Red	0	
14	Green	0	
15	Blue	0	
16	White	0	

Chase

23 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Green	0	
3	Blue	0	
4	White	0	
5	Shutter / Strobe	10	0–9 Closed 10–19 Open 20–29 Closed 30–118 Min Strobe 119–119 Max Strobe 120–148 Min Pulse Up 149–149 Max Pulse Up 150–178 Min Pulse Down 179–179 Max Pulse Down 180–204 Random Strobe 205–229 Full Random Strobe 230–255 Open
6	Dimmer	0	
7	Dimmer Fine	0	Fine byte of Dimmer
8	C TC	0	0–10 No Function 11–32 2700 K 33–54 3000 K 55–76 3200 K 77–98 3500 K 99–120 4000 K 121–142 4500 K 143–164 5000 K 165–186 5600 K 187–208 6000 K 209–231 6500 K 232–254 7000 K 255–255 8000 K

Chase (continued)

Ch	Function	Default	DMX values
9	Color Macro1	0	0–14 No Function (wheel slot 1) 15–24 L019 Fire (wheel slot 2) 25–34 L020 Medium Amber (wheel slot 3) 35–44 L025 Sunset Red (wheel slot 4) 45–54 L101 Yellow (wheel slot 5) 55–64 L104 Deep Amber (wheel slot 6) 65–74 L106 Primary Red (wheel slot 7) 75–84 L111 Dark Pink (wheel slot 8) 85–94 L113 Magenta (wheel slot 9) 95–104 L118 Light Blue (wheel slot 10) 105–114 L122 Fern Green (wheel slot 11) 115–124 L126 Mauve (wheel slot 12) 125–134 L137 Special Lavender (wheel slot 13) 135–144 L139 Primary Green (wheel slot 14) 145–154 L147 Apricot (wheel slot 15) 155–164 L154 Pale Rose (wheel slot 16) 165–174 L181 Congo Blue (wheel slot 17) 175–184 Rainbow speed 1 185–194 Rainbow speed 2 195–204 Rainbow speed 3 205–214 Rainbow speed 4 215–224 Rainbow speed 5 225–234 Rainbow speed 6 235–244 Rainbow speed 7 245–255 Rainbow speed 8
10	Control1	31	
11	Effect	0	0–9 All Sectors ON 10–11 Sector 1 12–13 Sector 2 14–15 Sector 3 16–17 Sector 4 18–19 Sectors 1+2 20–21 Sectors 2+4 22–23 Sectors 3+4 24–25 Sectors 1+3 26–27 Sectors 1+4 28–29 Sectors 2+3 30–31 Sectors 1+2+4 32–33 Sectors 2+3+4 34–35 Sectors 1+3+4 36–37 Sectors 1+2+3 38–39 Sectors OFF 40–255 All Sectors ON
12	Color Mix Mode	0	0–9 Transparent Mode 10–19 Standard Mode 20–29 Maximum Mode 30–39 Multiply Mode 40–49 Addition Mode 50–59 Subtraction Mode 60–69 Inverted Subtraction Mode 70–162 Chase ONLY 163–255 Background ONLY
13	Effects1Pos	0	0–254 Background 255–255 Chase

Chase (continued)

Ch	Function	Default	DMX values
14	Effect 2	0	0–9 Sectors OFF 10–11 Sector 1 12–13 Sector 2 14–15 Sector 3 16–17 Sector 4 18–19 Sectors 1+2 20–21 Sectors 2+4 22–23 Sectors 3+4 24–25 Sectors 1+3 26–27 Sectors 1+4 28–29 Sectors 2+3 30–31 Sectors 1+2+4 32–33 Sectors 2+3+4 34–35 Sectors 1+3+4 36–37 Sectors 1+2+3 38–39 All Sectors ON 40–41 MacroDimmer 1 42–43 MacroDimmer 2 44–45 MacroDimmer 3 46–47 MacroDimmer 4 48–49 MacroDimmer 5 50–51 MacroDimmer 6 52–53 MacroDimmer 7 54–55 MacroDimmer 8 56–57 MacroDimmer 9 58–59 MacroDimmer 10 60–61 MacroDimmer 11 62–63 MacroDimmer 12 64–65 MacroDimmer 13 66–67 MacroDimmer 14 68–69 MacroDimmer 15 70–71 MacroDimmer 16 72–73 MacroDimmer 17 74–75 MacroDimmer 18 76–77 MacroDimmer 19 78–79 MacroDimmer 20 80–81 MacroDimmer 21 82–83 MacroDimmer 22 84–85 MacroDimmer 23 86–87 MacroDimmer 24 88–89 MacroDimmer 25 90–91 MacroDimmer 26 92–93 MacroDimmer 27 94–95 MacroDimmer 28 96–97 MacroDimmer 29 98–99 MacroDimmer 30 100–101 MacroDimmer 31 102–103 MacroDimmer 32 104–105 MacroDimmer 33 106–107 MacroDimmer 34 108–109 MacroDimmer 35 110–111 MacroDimmer 36 112–113 MacroDimmer 37 114–115 MacroDimmer 38 116–117 MacroDimmer 39 118–119 MacroDimmer 40 120–121 MacroDimmer 41 122–123 MacroDimmer 42 124–125 MacroDimmer 43 126–127 MacroDimmer 44 128–129 MacroDimmer 45 130–131 MacroDimmer 46 132–133 MacroDimmer 47 134–135 MacroDimmer 48

Chase (continued)

Ch	Function	Default	DMX values
15	Layer Color Add R	0	
16	Layer Color Add G	0	
17	Layer Color Add B	0	
18	Layer Color Add W	0	
19	Shutter / Strobe 2	0	0–9 Closed 10–19 Open 20–29 Closed 30–118 Min Strobe 119–119 Max Strobe 120–148 Min Pulse Up 149–149 Max Pulse Up 150–178 Min Pulse Down 179–179 Max Pulse Down 180–204 Random Strobe 205–229 Full Random Strobe 230–255 Open
20	Effects1Pos Rotate	0	0–127 Index 0-360 deg 128–179 LX Rot fast>slow 180–202 Stop 203–255 RX Rot fast>slow
21	Effects1Fade	0	0–254 Instant 255–255 Fade
22	Effects Sync	0	0–254 0 deg 255–255 360 deg
23	Effects2Fade	0	0–254 Instant 255–255 Fade (4s)

Sectors RGBW+Shut+Dim

24 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Green	0	
3	Blue	0	
4	White	0	
5	Shutter / Strobe	10	0–9 Closed 10–19 Open 20–29 Closed 30–118 Min Strobe 119–119 Max Strobe 120–148 Min Pulse Up 149–149 Max Pulse Up 150–178 Min Pulse Down 179–179 Max Pulse Down 180–204 Random Strobe 205–229 Full Random Strobe 230–255 Open
6	Dimmer	0	
7	Red	0	
8	Green	0	
9	Blue	0	
10	White	0	

Sectors RGBW+Shut+Dim (continued)

Ch	Function	Default	DMX values
11	Shutter / Strobe	10	0–9 Closed 10–19 Open 20–29 Closed 30–118 Min Strobe 119–119 Max Strobe 120–148 Min Pulse Up 149–149 Max Pulse Up 150–178 Min Pulse Down 179–179 Max Pulse Down 180–204 Random Strobe 205–229 Full Random Strobe 230–255 Open
12	Dimmer	0	
13	Red	0	
14	Green	0	
15	Blue	0	
16	White	0	
17	Shutter / Strobe	10	0–9 Closed 10–19 Open 20–29 Closed 30–118 Min Strobe 119–119 Max Strobe 120–148 Min Pulse Up 149–149 Max Pulse Up 150–178 Min Pulse Down 179–179 Max Pulse Down 180–204 Random Strobe 205–229 Full Random Strobe 230–255 Open
18	Dimmer	0	
19	Red	0	
20	Green	0	
21	Blue	0	
22	White	0	
23	Shutter / Strobe	10	0–9 Closed 10–19 Open 20–29 Closed 30–118 Min Strobe 119–119 Max Strobe 120–148 Min Pulse Up 149–149 Max Pulse Up 150–178 Min Pulse Down 179–179 Max Pulse Down 180–204 Random Strobe 205–229 Full Random Strobe 230–255 Open
24	Dimmer	0	

Extended

29 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Green	0	
3	Blue	0	
4	White	0	

Extended (continued)

Ch	Function	Default	DMX values
5	Shutter / Strobe	10	0–9 Closed 10–19 Open 20–29 Closed 30–118 Min Strobe 119–119 Max Strobe 120–148 Min Pulse Up 149–149 Max Pulse Up 150–178 Min Pulse Down 179–179 Max Pulse Down 180–204 Random Strobe 205–229 Full Random Strobe 230–255 Open
6	Dimmer	0	
7	Dimmer Fine	0	Fine byte of Dimmer
8	C TC	0	0–10 No Function 11–32 2700 K 33–54 3000 K 55–76 3200 K 77–98 3500 K 99–120 4000 K 121–142 4500 K 143–164 5000 K 165–186 5600 K 187–208 6000 K 209–231 6500 K 232–254 7000 K 255–255 8000 K
9	Color Macro1	0	0–14 No Function (wheel slot 1) 15–24 L019 Fire (wheel slot 2) 25–34 L020 Medium Amber (wheel slot 3) 35–44 L025 Sunset Red (wheel slot 4) 45–54 L101 Yellow (wheel slot 5) 55–64 L104 Deep Amber (wheel slot 6) 65–74 L106 Primary Red (wheel slot 7) 75–84 L111 Dark Pink (wheel slot 8) 85–94 L113 Magenta (wheel slot 9) 95–104 L118 Light Blue (wheel slot 10) 105–114 L122 Fern Green (wheel slot 11) 115–124 L126 Mauve (wheel slot 12) 125–134 L137 Special Lavender (wheel slot 13) 135–144 L139 Primary Green (wheel slot 14) 145–154 L147 Apricot (wheel slot 15) 155–164 L154 Pale Rose (wheel slot 16) 165–174 L181 Congo Blue (wheel slot 17) 175–184 Rainbow speed 1 185–194 Rainbow speed 2 195–204 Rainbow speed 3 205–214 Rainbow speed 4 215–224 Rainbow speed 5 225–234 Rainbow speed 6 235–244 Rainbow speed 7 245–255 Rainbow speed 8
10	Control1	31	

Extended (continued)

Ch	Function	Default	DMX values
11	Effect	0	0–9 All Sectors ON 10–11 Sector 1 12–13 Sector 2 14–15 Sector 3 16–17 Sector 4 18–19 Sectors 1+2 20–21 Sectors 2+4 22–23 Sectors 3+4 24–25 Sectors 1+3 26–27 Sectors 1+4 28–29 Sectors 2+3 30–31 Sectors 1+2+4 32–33 Sectors 2+3+4 34–35 Sectors 1+3+4 36–37 Sectors 1+2+3 38–39 Sectors OFF 40–255 All Sectors ON
12	Color Mix Mode	0	0–9 Transparent Mode 10–19 Standard Mode 20–29 Maximum Mode 30–39 Multiply Mode 40–49 Addition Mode 50–59 Subtraction Mode 60–69 Inverted Subtraction Mode 70–162 Chase ONLY 163–255 Background ONLY
13	Effects1Pos	0	0–254 Background 255–255 Chase
14	Red	0	
15	Green	0	
16	Blue	0	
17	White	0	
18	Red	0	
19	Green	0	
20	Blue	0	
21	White	0	
22	Red	0	
23	Green	0	
24	Blue	0	
25	White	0	
26	Red	0	
27	Green	0	
28	Blue	0	
29	White	0	

Sectors RGBWFine

32 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Red Fine	0	Fine byte of Red
3	Green	0	
4	Green Fine	0	Fine byte of Green
5	Blue	0	

Sectors RGBWFine (continued)

Ch	Function	Default	DMX values
6	Blue Fine	0	Fine byte of Blue
7	White	0	
8	White Fine	0	Fine byte of White
9	Red	0	
10	Red Fine	0	Fine byte of Red
11	Green	0	
12	Green Fine	0	Fine byte of Green
13	Blue	0	
14	Blue Fine	0	Fine byte of Blue
15	White	0	
16	White Fine	0	Fine byte of White
17	Red	0	
18	Red Fine	0	Fine byte of Red
19	Green	0	
20	Green Fine	0	Fine byte of Green
21	Blue	0	
22	Blue Fine	0	Fine byte of Blue
23	White	0	
24	White Fine	0	Fine byte of White
25	Red	0	
26	Red Fine	0	Fine byte of Red
27	Green	0	
28	Green Fine	0	Fine byte of Green
29	Blue	0	
30	Blue Fine	0	Fine byte of Blue
31	White	0	
32	White Fine	0	Fine byte of White