DTS Lighting

Evo



Manufacturer	**DTS Lighting**
Type	**Moving head**
DMX modes	**1**
DMX footprint	**32 channels**
Beam angle	**2-39°**
Pan range	**540°**
Tilt range	**290°**
Size (W × H × D)	**270 × 390 × 280 mm**
GDTF fixture type	**55D1974E-506F-4F86-8D94-00…**

Controls

Focus · Prism · Zoom · CMY colour mixing · Colour temperature · Colour wheel · Strobe · Dimmer · Pan and tilt · Movement speed · Gobos · Gobo rotation

Safety-relevant functions

Lamp on and off · Fixture reset · Strobe · Built-in effect programmes

DMX modes

32 Channels — 32 ch

32 Channels

32 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	128	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	128	Fine byte of Tilt
5	Position MSpeed	0	0–10 Standard 11–25 Fast Movement 26–127 Vector fast>slow 128–247 DMX react fast>slow 248–255 Silent
6	F PR	0	0–10 Standard 540deg path 11–20 360deg path 21–30 720deg path 31–40 1080deg path 41–50 1440deg path 51–60 1800deg path 61–70 2160deg path 71–80 2520deg path 81–90 2880deg path 91–100 3240deg path 101–110 3600deg path 121–182 FWD FPR max>min 183–193 Stop 194–255 REV FPR min>max
7	Dimmer	0	
8	Shutter / Strobe	0	0–19 Closed 20–39 Open 40–59 Closed 60–79 Random Strobe 80–84 Strobe speed 1 85–89 Strobe speed 2 90–94 Strobe speed 3 95–99 Strobe speed 4 100–104 Strobe speed 5 105–109 Strobe speed 6 110–114 Strobe speed 7 115–119 Strobe speed 8 120–124 Strobe speed 9 125–129 Strobe speed 10 130–134 Strobe speed 11 135–139 Strobe speed 12 140–149 PulseOpen speed 1 150–159 PulseOpen speed 2 160–169 PulseOpen speed 3 170–179 PulseOpen speed 4 180–189 PulseClose speed 1 190–199 PulseClose speed 2 200–209 PulseClose speed 3 210–219 PulseClose speed 4 220–227 Col/Gobo BO on Move 228–233 P/T BO on Move 234–255 Open

32 Channels (continued)

Ch	Function	Default	DMX values
9	Color Wheel	0	0–9 Open 10–10 RX Rot max>min 11–21 Orange (wheel slot 1) 22–32 Light Pink (wheel slot 2) 33–43 Light Red (wheel slot 3) 44–54 Purple (wheel slot 4) 55–65 Full CTO (wheel slot 5) 66–76 Pink (wheel slot 6) 77–87 Yellow 2 (wheel slot 7) 88–98 Light Blue (wheel slot 8) 99–109 Light Magenta (wheel slot 9) 110–120 Magenta (wheel slot 10) 121–127 Blue (wheel slot 11) 128–131 Stop 132–137 Full CTB (wheel slot 12) 138–142 LX Rot min>max 143–153 Amber (wheel slot 13) 154–164 Dark Green (wheel slot 14) 165–175 Half CTB (wheel slot 15) 176–186 Lime (wheel slot 16) 187–197 Deep Blue (wheel slot 17) 198–208 Amethyst (wheel slot 18) 209–219 Red (wheel slot 19) 220–230 Yellow 1 (wheel slot 20) 231–241 Green (wheel slot 21) 242–255 Color 21-0
10	Color1Mode	0	0–63 Full Color 64–127 Half Color 128–191 Proportional Color 192–255 Rainbow
11	Cyan	0	
12	Magenta	0	
13	Yellow	0	
14	C TO	0	0–7 Off 8–255 CTO 7000K > 3000K
15	Color Mix MSpeed	0	0–7 No function 8–255 CMY speed max>min

32 Channels (continued)

Ch	Function	Default	DMX values
16	Color Macro1	0	0–9 No Function 10–14 Macro color 1 15–19 Macro color 2 20–24 Macro color 3 25–29 Macro color 4 30–34 Macro color 5 35–39 Macro color 6 40–44 Macro color 7 45–49 Macro color 8 50–54 Macro color 9 55–59 Macro color 10 60–64 Macro color 11 65–69 Macro color 12 70–74 Macro color 13 75–79 Macro color 14 80–84 Macro color 15 85–89 Macro color 16 90–94 Macro color 17 95–99 Macro color 18 100–104 Macro color 19 105–109 Macro color 20 110–114 Macro color 21 115–185 Macro Rainbow min>max 186–255 FC rainbow min>max
17	Gobo	0	0–20 Open 21–41 Rot Gobo 1 (wheel slot 1) 42–62 Rot Gobo 2 (wheel slot 2) 63–83 Rot Gobo 3 (wheel slot 3) 84–104 Rot Gobo 4 (wheel slot 4) 105–125 Rot Gobo 5 (wheel slot 5) 126–146 Rot Gobo 6 (wheel slot 6) 147–167 Rot Gobo 7 (wheel slot 7) 168–188 Rot Gobo 8 (wheel slot 8) 189–207 Open Studio (wheel slot 9) 208–254 Min Rotation 255–255 Max Rotation
18	Gobo1Wheel Mode	0	0–127 Rotation Mode 128–255 Indexing Mode
19	Gobo Rotation	0	0–9 Stop 10–126 Max LX Rotation 127–127 Min LX Rotation 128–137 Stop 138–254 Min RX Rotation 255–255 Max RX Rotation
20	Gobo Rotation Fine	0	Fine byte of Gobo Rotation
21	Gobo1Select Shake	0	0–9 Stop 10–125 Min R-L speed 126–126 Max R-L speed 127–138 Stop 139–254 Min L-R speed 255–255 Max L-R speed

32 Channels (continued)

Ch	Function	Default	DMX values
22	Gobo 2	0	0–10 Open 11–21 Fix Gobo 1 (wheel slot 1) 22–32 Fix Gobo 2 (wheel slot 2) 33–43 Fix Gobo 3 (wheel slot 3) 44–54 Fix Gobo 4 (wheel slot 4) 55–65 Fix Gobo 5 (wheel slot 5) 66–76 Fix Gobo 6 (wheel slot 6) 77–87 Fix Gobo 7 (wheel slot 7) 88–98 Fix Gobo 8 (wheel slot 8) 99–109 Fix Gobo 9 (wheel slot 9) 110–120 Fix Gobo 10 (wheel slot 10) 121–131 Fix Gobo 11 (wheel slot 11) 132–142 Fix Gobo 12 (wheel slot 12) 143–153 Fix Gobo 13 (wheel slot 13) 154–164 Fix Gobo 14 (wheel slot 14) 165–175 Fix Gobo 15 (wheel slot 15) 176–186 Fix Gobo 16 (wheel slot 16) 187–197 Glass Gobo (wheel slot 17) 198–255 Animation Sector (wheel slot 18)
23	Gobo2Select Shake	0	0–9 Stop 10–125 Min R-L speed 126–126 Max R-L speed 127–138 Stop 139–254 Min L-R speed 255–255 Max L-R speed
24	Prism Mode	0	0–127 Rotation Mode 128–255 Indexing Mode
25	Effect	0	0–10 Open 11–50 FX Glass 1 51–90 FX Glass 2 91–100 FX Glass 3 101–127 Frost 128–255 Beam shape 0>360deg
26	Prism	0	0–50 Open 51–100 LinPrism mode 1 (wheel slot 2) 101–150 CircPrism mode 1 (wheel slot 1) 151–200 LinPrism mode 2 (wheel slot 2) 201–255 CircPrism mode 2 (wheel slot 1)
27	Prism1Select Spin	0	0–9 Stop 10–126 Max LX Rotation 127–127 Min LX Rotation 128–137 Stop 138–254 Min RX Rotation 255–255 Max RX Rotation
28	Prism	0	
29	Focus	0	
30	Focus Fine	0	Fine byte of Focus
31	Zoom	0	
32	Control1	0	0–9 No Function 10–129 Lamp OFF (3s) 130–179 Lamp ON (3s) 180–185 Autofocus OFF 186–190 Autofocus ON 201–239 Head Motors Reset 240–255 Head+P/T Reset