DTS Lighting

Jack



Manufacturer	**DTS Lighting**
Type	**Profile spot**
DMX modes	**2**
DMX footprint	**17, 25 channels**
Beam angle	**2.5-46°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**250 × 320 × 240 mm**
GDTF fixture type	**66AEB415-FF92-4B09-8450-344…**

Controls

Focus · Iris · Prism · Zoom · Colour wheel · Strobe · Dimmer · Pan and tilt · Movement speed · Gobos · Gobo rotation

Safety-relevant functions

Lamp on and off · Fixture reset · Strobe

DMX modes

17 Channels	17 ch
25 Channels	25 ch

17 Channels

17 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 mode fast>slow 128–247 DMX React fast>slow 248–255 Silent movement
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 111–120 360deg smart 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/Gobos BO on Insertion 228–233 P/T BO on Movement 234–255 Open

17 Channels (continued)

Ch	Function	Default	DMX values
9	Color Wheel	0	0–9 Open (wheel slot 1) 10–19 Red (wheel slot 2) 20–29 Yellow 1 (wheel slot 3) 30–39 Green (wheel slot 4) 40–49 Pink (wheel slot 5) 50–59 Full CTO (wheel slot 6) 60–69 Full CTB (wheel slot 7) 70–79 Orange (wheel slot 8) 80–89 Dark Blue (wheel slot 9) 90–99 Light Red (wheel slot 10) 100–109 Purple (wheel slot 11) 110–119 Yellow 2 (wheel slot 12) 120–129 Light Blue (wheel slot 13) 130–139 Light Green (wheel slot 14) 140–149 Magenta (wheel slot 15) 150–159 Blue (wheel slot 16) 160–169 Amber (wheel slot 17) 170–197 Dark Green (wheel slot 18) 198–221 CW Max 222–224 CW Min 225–228 Stop 229–254 CCW Min 255–255 CCW Max
10	Gobo 2	0	0–20 Open (wheel slot 1) 21–41 Gobo 1 (wheel slot 2) 42–62 Gobo 2 (wheel slot 3) 63–83 Gobo 3 (wheel slot 4) 84–104 Gobo 4 (wheel slot 5) 105–125 Gobo 5 (wheel slot 6) 126–146 Gobo 6 (wheel slot 7) 147–167 Gobo 7 (wheel slot 8) 168–188 Gobo 8 (wheel slot 9) 189–207 Gobo 9 (wheel slot 10) 208–254 Min 255–255 Max
11	Gobo Rotation 2	190	0–63 Min 64–64 Center 65–127 Max 128–179 CW Max 180–180 CW Min 181–202 Stop 203–254 CCW Min 255–255 CCW Max
12	Gobo	0	0–18 Open (wheel slot 1) 19–37 Gobo 1 (wheel slot 2) 38–56 Gobo 2 (wheel slot 3) 57–75 Gobo 3 (wheel slot 4) 76–94 Gobo 4 (wheel slot 5) 95–113 Gobo 5 (wheel slot 6) 114–132 Gobo 6 (wheel slot 7) 133–151 Gobo 7 (wheel slot 8) 152–170 Gobo 8 (wheel slot 9) 171–189 Gobo 9 (wheel slot 10) 190–207 Gobo 10 (wheel slot 11) 208–254 Min 255–255 Max
13	Iris	0	0–9 Open 10–246 Linear Iris 247–255 Closed
14	Prism	0	0–127 No Function (wheel slot 1) 128–255 Prism inserted (wheel slot 2)

17 Channels (continued)

Ch	Function	Default	DMX values
15	Focus	127	
16	Zoom	127	
17	Control1	0	0–9 No Function 10–60 Lamp OFF (3s) 61–129 No Function 130–179 Lamp ON (3s) 180–200 No Function 201–239 Internal Motor Reset 240–255 Total Reset

25 Channels

25 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 mode fast>slow 128–247 DMX React fast>slow 248–255 Silent movement
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 111–120 360deg smart path 121–182 FWD FPR max>min 183–193 Stop 194–255 REV FPR min>max
7	Dimmer	0	

25 Channels (continued)

Ch	Function	Default	DMX values
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/Gobos BO on Insertion 228–233 P/T BO on Movement 234–255 Open

25 Channels (continued)

Ch	Function	Default	DMX values
9	Color Wheel	0	0–9 Open (wheel slot 1) 10–10 RX Rot max>min 11–12 Proportional Color 13–13 Color 0-1 (wheel slot 2) 14–25 Red (wheel slot 2) 26–27 Color 1-2 (wheel slot 3) 28–38 Yellow 1 (wheel slot 3) 39–41 Color 2-3 (wheel slot 4) 42–51 Green (wheel slot 4) 52–55 Color 3-4 (wheel slot 5) 56–64 Pink (wheel slot 5) 65–69 Color 4-5 (wheel slot 6) 70–77 Full CTO (wheel slot 6) 78–83 Color 5-6 (wheel slot 7) 84–90 Full CTB (wheel slot 7) 91–97 Color 6-7 (wheel slot 8) 98–103 Orange (wheel slot 8) 104–111 Color 7-8 (wheel slot 9) 112–116 Dark Blue (wheel slot 9) 117–125 Color 8-9 (wheel slot 10) 126–127 Light Red (wheel slot 10) 128–129 Stop 130–137 Color 9-10 (wheel slot 11) 138–139 LX Rot min>max 140–142 Purple (wheel slot 11) 143–153 Color 10-11 (wheel slot 12) 154–155 Yellow 2 (wheel slot 12) 156–167 Color 11-12 (wheel slot 13) 168–168 Light Blue (wheel slot 13) 169–181 Color 12-13 (wheel slot 14) 182–194 Light Green (wheel slot 14) 195–195 Color 14-15 (wheel slot 16) 196–207 Magenta (wheel slot 15) 208–209 Color 15-16 (wheel slot 17) 210–220 Blue (wheel slot 16) 221–223 Color 16-17 (wheel slot 18) 224–233 Amber (wheel slot 17) 234–237 Color 17-0 (wheel slot 1) 238–255 Dark Green (wheel slot 18)
10	Color1Mode	0	0–63 Full Color 64–127 Half Color 128–191 Proportional Color 192–255 Rainbow
11	Gobo 2	0	0–20 Open (wheel slot 1) 21–41 Gobo 1 (wheel slot 2) 42–62 Gobo 2 (wheel slot 3) 63–83 Gobo 3 (wheel slot 4) 84–104 Gobo 4 (wheel slot 5) 105–125 Gobo 5 (wheel slot 6) 126–146 Gobo 6 (wheel slot 7) 147–167 Gobo 7 (wheel slot 8) 168–188 Gobo 8 (wheel slot 9) 189–207 Gobo 9 (wheel slot 10) 208–254 Min 255–255 Max
12	Gobo2Wheel Mode	0	0–127 Rotation Mode 128–255 Index Mode

25 Channels (continued)

Ch	Function	Default	DMX values
13	Gobo Rotation 2	0	0–9 Stop 10–126 CW Max 127–127 CW Min 128–137 Stop 138–254 CCW Min 255–255 CCW Max
14	Gobo Rotation 2 Fine	0	Fine byte of Gobo Rotation 2
15	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
16	Gobo	0	0–18 Open (wheel slot 1) 19–37 Gobo 1 (wheel slot 2) 38–56 Gobo 2 (wheel slot 3) 57–75 Gobo 3 (wheel slot 4) 76–94 Gobo 4 (wheel slot 5) 95–113 Gobo 5 (wheel slot 6) 114–132 Gobo 6 (wheel slot 7) 133–151 Gobo 7 (wheel slot 8) 152–170 Gobo 8 (wheel slot 9) 171–189 Gobo 9 (wheel slot 10) 190–207 Gobo 10 (wheel slot 11) 208–254 Min 255–255 Max
17	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
18	Iris	0	0–9 Open 10–246 Linear Iris 247–255 Closed
19	Iris Mode	0	0–9 No Effect 10–63 Iris Pulse at different speed 64–117 Iris Pulse with Flash Closing 118–171 Iris Pulse with Flash Opening 172–213 Iris Pulse Flash Close Zoom 214–255 Iris Pulse Flash Open Zoom
20	Beam Shaper Macro	0	0–63 Iris Macros 64–127 Beam Macros 128–191 Wash Macros 192–255 Spot Macros
21	Prism	0	0–127 No Function (wheel slot 1) 128–255 Prism inserted (wheel slot 2)
22	Focus	127	
23	Focus Fine	127	Fine byte of Focus
24	Zoom	127	
25	Control1	0	0–9 No Function 10–60 Lamp OFF (3s) 61–129 No Function 130–179 Lamp ON (3s) 180–200 No Function 201–239 Internal Motor Reset 240–255 Total Reset