DTS Lighting

Raptor



Manufacturer	**DTS Lighting**
Type	**Moving head**
DMX modes	**1**
DMX footprint	**18 channels**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**250 × 320 × 240 mm**
GDTF fixture type	**BFB687BB-5735-427F-83D2-7C…**

Controls

Focus · Frost · Prism · Colour wheel · Strobe · Dimmer · Pan and tilt · Movement speed · Gobos

Safety-relevant functions

Lamp on and off · Fixture reset · Strobe

DMX modes

18 Channels 18 ch

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18 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

18 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 14–25 Red (wheel slot 2) 26–27 Color 1-2 28–38 Yellow 1 (wheel slot 3) 39–41 Color 2-3 42–51 Green (wheel slot 4) 52–55 Color 3-4 56–64 Pink (wheel slot 5) 65–69 Color 4-5 70–77 Full CTO (wheel slot 6) 78–83 Color 5-6 84–90 Full CTB (wheel slot 7) 91–97 Color 6-7 98–103 Orange (wheel slot 8) 104–111 Color 7-8 112–116 Dark Blue (wheel slot 9) 117–125 Color 8-9 126–127 Light Red (wheel slot 10) 128–129 Stop 130–137 Color 9-10 138–139 LX Rot min>max 140–142 Purple (wheel slot 11) 143–153 Color 10-11 154–155 Yellow 2 (wheel slot 12) 156–167 Color 11-12 168–168 Light Blue (wheel slot 13) 169–181 Color 12-13 182–194 Light Green (wheel slot 14) 195–195 Color 14-15 196–207 Magenta (wheel slot 15) 208–209 Color 15-16 210–220 Blue (wheel slot 16) 221–223 Color 16-17 224–233 Amber (wheel slot 17) 234–237 Color 17-0 238–255 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	0	0–10 Open (wheel slot 1) 11–21 FixGobo 1 (wheel slot 2) 22–32 FixGobo 2 (wheel slot 3) 33–43 FixGobo 3 (wheel slot 4) 44–54 FixGobo 4 (wheel slot 5) 55–65 FixGobo 5 (wheel slot 6) 66–76 FixGobo 6 (wheel slot 7) 77–87 FixGobo 7 (wheel slot 8) 88–98 FixGobo 8 (wheel slot 9) 99–109 FixGobo 9 (wheel slot 10) 110–120 FixGobo 10 (wheel slot 11) 121–131 FixGobo 11 (wheel slot 12) 132–142 FixGobo 12 (wheel slot 13) 143–153 FixGobo 13 (wheel slot 14) 154–164 FixGobo 14 (wheel slot 15) 165–175 FixGobo 15 (wheel slot 16) 176–186 FixGobo 16 (wheel slot 17) 187–255 FixGobo 17 (wheel slot 18)

18 Channels (continued)

Ch	Function	Default	DMX values
12	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
13	Frost1	0	0–7 No Function 8–255 Frost
14	Frost2	0	0–127 No Function 128–255 Smoothness filter
15	Prism	0	0–127 No Function 128–255 Prism inserted
16	Prism1Select Spin	0	0–9 No Function 10–127 LX Rot fast>slow 128–137 Stop 138–255 RX Rot slow>fast
17	Focus	0	
18	Control1	0	0–9 No Function 10–129 Lamp OFF (3s) 130–179 Lamp ON (3s) 201–239 Motors Reset 240–255 Total Reset