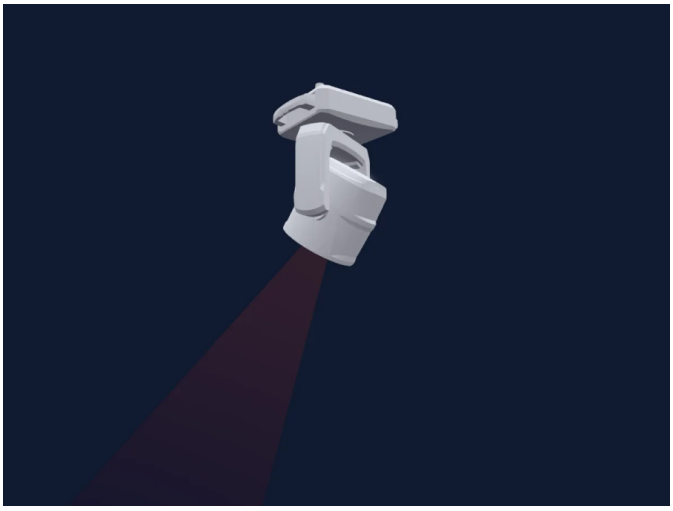
Triton Blue

Python W19



Manufacturer	**Triton Blue**
Type	**Moving head**
DMX modes	**3**
DMX footprint	**17, 21, 93 channels**
Beam angle	**4-54°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**310 × 300 × 290 mm**
GDTF fixture type	**4AE2D99E-E441-40CA-88C7-19…**

Controls

Zoom · Extra LED colours · RGB colour mixing · Colour wheel · Effect speed · Strobe · Dimmer · Pan and tilt

Safety-relevant functions

Fixture reset · Strobe · Built-in effect programmes

DMX modes

Basic 17CH	17 ch
Standard 21CH	21 ch
Extend 93CH	93 ch

Basic 17CH

17 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Tilt	128	
3	Dimmer	0	0–254 0% 255–255 100%
4	Shutter / Strobe	50	0–31 Closed 32–63 Open 64–94 Strobe Min 95–95 Strobe Max 96–127 Open 128–158 Strobe Pulse Min 159–159 Strobe Pulse Max 160–191 Open 192–222 Random Strobe Min 223–223 Random Strobe Max 224–255 Shutter Open 2
5	Red	255	
6	Green	255	
7	Blue	255	
8	White	255	
9	Color Effects1	0	0–0 NO Function 1–1 10000K 2–2 8000K 3–3 6500K 4–4 5600K 5–5 5000K 6–6 4500K 7–7 4000K 8–8 3200K 9–9 3000K 10–10 2700K 11–250 Virtual color wheel 251–253 Color Wheel rotation between the color level 12 to... 254–255 Color rotation backward
10	Color Effects2	0	0–0 NO Function 1–1 10000K 2–2 8000K 3–3 6500K 4–4 5600K 5–5 5000K 6–6 4500K 7–7 4000K 8–8 3200K 9–9 3000K 10–10 2700K 11–250 Virtual color wheel 251–253 Color Wheel rotation between the color level 12 to... 254–255 Color rotation backward
11	Color Macro1Rate	0	0–254 Slow 255–255 Fast

Basic 17CH (continued)

Ch	Function	Default	DMX values
12	Effect	0	0–9 No Program 10–19 Program 1 20–29 Program 2 30–39 Program 3 40–49 Program 4 50–59 Program 5 60–69 Program 6 70–79 Program 7 80–89 Program 8 90–99 Program 9 100–109 Program 10 110–119 Program 11 120–129 Program 12 130–139 Program 13 140–149 Program 14 150–159 Program 15 160–169 Program 16 170–179 Program 17 180–189 Program 18 190–199 Program 19 200–209 Program 20 210–255 NO USE
13	Effect Speed	0	0–4 Static step 1 5–9 Static step 2 10–14 Static step 3 15–19 Static step 4 20–24 Static step 5 25–29 Static step 6 30–34 Static step 7 35–39 Static step 8 40–145 fast to slow 146–149 stop 150–255 slow to fast
14	Effects1Fade	0	0–254 Fast 255–255 Slow
15	Zoom	0	
16	Dimmer Mode	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architecture 81–100 Theater 101–120 Stage2 121–255 Idle

Basic 17CH (continued)

Ch	Function	Default	DMX values
17	Control1	0	0–5 No function 6–17 Invert Pan on (Hold 3s) 18–29 Invert Pan off (Hold 3s) 30–41 Invert Tilt on (Hold 3s) 42–53 Invert Tilt off (Hold 3s) 54–65 Fan Silent (Hold 3s) 66–77 Fan Auto (Hold 3s) 78–89 Fan High(Hold 3s) 90–101 Linear Dimmer Curve (Hold 3s) 102–113 Square Dimmer Curve (Hold 3s) 114–125 Inv-Square Dimmer Curve (Hold 3s) 126–131 S - Dimmer Curve (Hold 3s) 132–137 Led Freq900 Hz (Hold 3s) 138–143 Led Freq1000 Hz (Hold 3s) 144–149 Led Freq1100 Hz (Hold 3s) 150–155 Led Freq1200 Hz (Hold 3s) 156–161 Led Freq1300 Hz (Hold 3s) 162–167 Led Freq1400 Hz (Hold 3s) 168–173 Led Freq1500 (Hold 3s) 174–179 Led Freq2500 Hz (Hold 3s) 180–185 Led Freq4000 Hz (Hold 3s) 186–191 Led Freq5000 Hz (Hold 3s) 192–197 Led Freq10000 Hz (Hold 3s) 198–203 Led Freq15000 Hz (Hold 3s) 204–209 Led Freq20000 Hz (Hold 3s) 210–215 Led Freq25000 Hz (Hold 3s) 216–218 Reset Pan/Tilt (Hold 3s) 219–221 Reset only Head (Hold 3s) 222–224 Reset All Functions (Hold 3s) 225–227 Full Mode 228–230 10000K 231–255 No function

Standard 21CH

21 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	Position Modes	0	0–225 Max to min speed 226–235 Blackout by movement 236–255 No function
6	Dimmer	0	0–254 0% 255–255 100%
7	Dimmer Fine	0	Fine byte of Dimmer
8	Shutter / Strobe	50	0–31 Closed 32–63 Open 64–94 Strobe Min 95–95 Strobe Max 96–127 Open 128–158 Strobe Pulse Min 159–159 Strobe Pulse Max 160–191 Open 192–222 Random Strobe Min 223–223 Random Strobe Max 224–255 Shutter Open 2
9	Red	255	

Standard 21CH (continued)

Ch	Function	Default	DMX values
10	Green	255	
11	Blue	255	
12	White	255	
13	Color Effects1	0	0–0 NO Function 1–1 10000K 2–2 8000K 3–3 6500K 4–4 5600K 5–5 5000K 6–6 4500K 7–7 4000K 8–8 3200K 9–9 3000K 10–10 2700K 11–250 Virtual color wheel 251–253 Color Wheel rotation between the color level 12 to... 254–255 Color rotation backward
14	Color Effects2	0	0–0 NO Function 1–1 10000K 2–2 8000K 3–3 6500K 4–4 5600K 5–5 5000K 6–6 4500K 7–7 4000K 8–8 3200K 9–9 3000K 10–10 2700K 11–250 Virtual color wheel 251–253 Color Wheel rotation between the color level 12 to... 254–255 Color rotation backward
15	Color Macro1Rate	0	0–254 Slow 255–255 Fast
16	Effect	0	0–9 No Program 10–19 Program 1 20–29 Program 2 30–39 Program 3 40–49 Program 4 50–59 Program 5 60–69 Program 6 70–79 Program 7 80–89 Program 8 90–99 Program 9 100–109 Program 10 110–119 Program 11 120–129 Program 12 130–139 Program 13 140–149 Program 14 150–159 Program 15 160–169 Program 16 170–179 Program 17 180–189 Program 18 190–199 Program 19 200–209 Program 20 210–255 NO USE

Standard 21CH (continued)

Ch	Function	Default	DMX values
17	Effect Speed	0	0–4 Static step 1 5–9 Static step 2 10–14 Static step 3 15–19 Static step 4 20–24 Static step 5 25–29 Static step 6 30–34 Static step 7 35–39 Static step 8 40–145 fast to slow 146–149 stop 150–255 slow to fast
18	Effects1Fade	0	0–254 Fast 255–255 Slow
19	Zoom	0	
20	Dimmer Mode	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architecture 81–100 Theater 101–120 Stage2 121–255 Idle
21	Control1	0	0–5 No function 6–17 Invert Pan on (Hold 3s) 18–29 Invert Pan off (Hold 3s) 30–41 Invert Tilt on (Hold 3s) 42–53 Invert Tilt off (Hold 3s) 54–65 Fan Silent (Hold 3s) 66–77 Fan Auto (Hold 3s) 78–89 Fan High(Hold 3s) 90–101 Linear Dimmer Curve (Hold 3s) 102–113 Square Dimmer Curve (Hold 3s) 114–125 Inv-Square Dimmer Curve (Hold 3s) 126–131 S - Dimmer Curve (Hold 3s) 132–137 Led Freq900 Hz (Hold 3s) 138–143 Led Freq1000 Hz (Hold 3s) 144–149 Led Freq1100 Hz (Hold 3s) 150–155 Led Freq1200 Hz (Hold 3s) 156–161 Led Freq1300 Hz (Hold 3s) 162–167 Led Freq1400 Hz (Hold 3s) 168–173 Led Freq1500 (Hold 3s) 174–179 Led Freq2500 Hz (Hold 3s) 180–185 Led Freq4000 Hz (Hold 3s) 186–191 Led Freq5000 Hz (Hold 3s) 192–197 Led Freq10000 Hz (Hold 3s) 198–203 Led Freq15000 Hz (Hold 3s) 204–209 Led Freq20000 Hz (Hold 3s) 210–215 Led Freq25000 Hz (Hold 3s) 216–218 Reset Pan/Tilt (Hold 3s) 219–221 Reset only Head (Hold 3s) 222–224 Reset All Functions (Hold 3s) 225–227 Full Mode 228–230 10000K 231–255 No function

Extend 93CH

93 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Green	0	

Extend 93CH (continued)

Ch	Function	Default	DMX values
3	Blue	0	
4	White	0	
5	Position Modes	0	
6	Dimmer	255	
7	Dimmer Fine	255	Fine byte of Dimmer
8	Shutter / Strobe	50	0–31 Closed 32–63 Open 64–94 Strobe Min 95–95 Strobe Max 96–127 Open 128–158 Strobe Pulse Min 159–159 Strobe Pulse Max 160–191 Open 192–222 Random Strobe Min 223–223 Random Strobe Max 224–255 Shutter Open 2
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	
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	

Extend 93CH (continued)

Ch	Function	Default	DMX values
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	Reserved 81	0	
82	Reserved 82	0	
83	Reserved 83	0	
84	Reserved 84	0	
85	Color Effects1	0	

Extend 93CH (continued)

Ch	Function	Default	DMX values
86	Color Effects2	0	
87	Color Macro1Rate	0	
88	Effect	0	0–9 No Program 10–19 Program 1 20–29 Program 2 30–39 Program 3 40–49 Program 4 50–59 Program 5 60–69 Program 6 70–79 Program 7 80–89 Program 8 90–99 Program 9 100–109 Program 10 110–119 Program 11 120–129 Program 12 130–139 Program 13 140–149 Program 14 150–159 Program 15 160–169 Program 16 170–179 Program 17 180–189 Program 18 190–199 Program 19 200–209 Program 20 210–255 NO USE
89	Effect Speed	0	
90	Effects1Fade	0	
91	Zoom	0	
92	Dimmer Mode	0	
93	Control1	0	