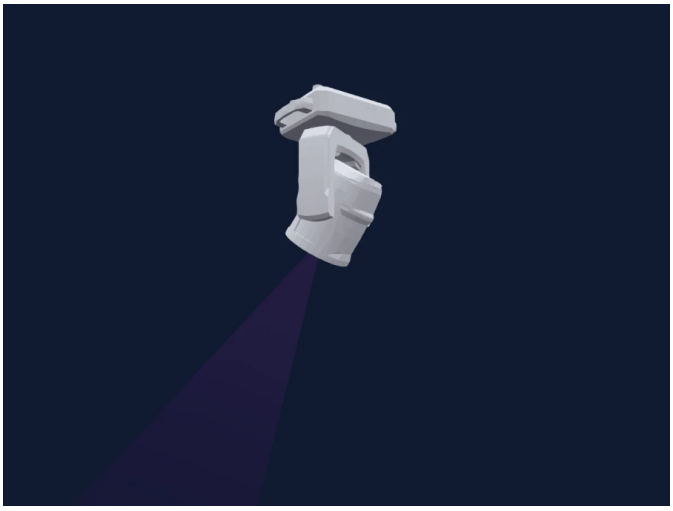
Triton Blue

Python W7



Manufacturer	**Triton Blue**
Type	**Moving head**
DMX modes	**3**
DMX footprint	**17, 21, 45 channels**
Beam angle	**4-54°**
Pan range	**540°**
Tilt range	**270°**
Heads / cells	**7**
Size (W × H × D)	**224 × 260 × 211 mm**
GDTF fixture type	**9B4D6D3D-83B5-4A1E-A701-6…**

Controls

Zoom · Extra LED colours · RGB colour mixing · Colour wheel · Effect speed · Strobe · Dimmer · Pixel control

Safety-relevant functions

Fixture reset · Built-in effect programmes

DMX modes

Basic 17CH	17 ch
Standard 21CH	21 ch
Extend 45CH	45 ch

Basic 17CH

17 channels

Ch	Function	Default	DMX values
1	Pan	127	
2	Tilt	127	
3	Dimmer	0	0–254 Close 255–255 Open
4	Shutter / Strobe	50	0–31 closed 32–63 open 64–94 min Strobe 95–95 max Strobe 96–127 shutter open(2) 128–158 min pulse 159–159 max pulse 160–191 shutter open(3) 192–222 min Random 223–223 max Random 224–255 shutter open(4)
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	0–127 narrow 128–254 center 255–255 wide
16	Dimmer Mode	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architectural 81–100 Theatre 101–255 Default to Unit Setting

Basic 17CH (continued)

Ch	Function	Default	DMX values
17	Fixture Global Reset	0	0–5 no function 6–17 Invert Panon(Hold 3s) 18–29 Invert Panoff (Hold3s) 30–41 Invert Tilton (Hold3s) 42–53 Invert Tilt off (Hold3s) 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-SquareDimmer Curve(hold 3s) 126–131 S - DimmerCurve (hold3s) 132–137 Led Freq900Hz (hold3s) 138–143 Led Freq1000 Hz (hold3s) 144–149 1100 Hz (hold3s) 150–155 1200 Hz (hold3s) 156–161 1300 Hz (hold3s) 162–167 1400 Hz (hold3s) 168–173 1500 Hz (hold3s) 174–179 2500 Hz (hold3s) 180–185 4000 Hz (hold3s) 186–191 5000 Hz (hold3s) 192–197 10000 Hz(hold 3s) 198–203 15000 Hz(hold 3s) 204–209 20000 Hz(hold 3s) 210–215 25000 Hz(hold 3s) 216–218 Reset Pan/Tilt(Hold 3s) 219–221 Reset only Head (Hold3s) 222–224 Reset All Functions(Hold 3s) 225–249 No used 250–252 White Calibred by IC (Hold3s) 253–255 Fixed White values (Hold3s)

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 Effect Rate	0	
6	Dimmer	0	0–254 Close 255–255 Open
7	Dimmer Fine	0	Fine byte of Dimmer
8	Shutter / Strobe	50	0–31 closed 32–63 open 64–94 min Strobe 95–95 max Strobe 96–127 shutter open(2) 128–158 min pulse 159–159 max pulse 160–191 shutter open(3) 192–222 min Random 223–223 max Random 224–255 shutter open(4)
9	Red	255	
10	Green	255	

Standard 21CH (continued)

Ch	Function	Default	DMX values
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	0–127 narrow 128–254 center 255–255 wide
20	Dimmer Mode	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architectural 81–100 Theatre 101–255 Default to Unit Setting
21	Fixture Global Reset	0	0–5 no function 6–17 Invert Panon(Hold 3s) 18–29 Invert Panoff (Hold3s) 30–41 Invert Tilton (Hold3s) 42–53 Invert Tilt off (Hold3s) 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-SquareDimmer Curve(hold 3s) 126–131 S - DimmerCurve (hold3s) 132–137 Led Freq900Hz (hold3s) 138–143 Led Freq1000 Hz (hold3s) 144–149 1100 Hz (hold3s) 150–155 1200 Hz (hold3s) 156–161 1300 Hz (hold3s) 162–167 1400 Hz (hold3s) 168–173 1500 Hz (hold3s) 174–179 2500 Hz (hold3s) 180–185 4000 Hz (hold3s) 186–191 5000 Hz (hold3s) 192–197 10000 Hz(hold 3s) 198–203 15000 Hz(hold 3s) 204–209 20000 Hz(hold 3s) 210–215 25000 Hz(hold 3s) 216–218 Reset Pan/Tilt(Hold 3s) 219–221 Reset only Head (Hold3s) 222–224 Reset All Functions(Hold 3s) 225–249 No used 250–252 White Calibred by IC (Hold3s) 253–255 Fixed White values (Hold3s)

Extend 45CH

45 channels

Ch	Function	Default	DMX values

Extend 45CH (continued)

Ch	Function	Default	DMX values
1	Pan	128	0–127 MIN 128–254 HOME 255–255 MAX
2	Pan Fine	0	Fine byte of Pan
3	Tilt	128	0–127 MIN 128–254 HOME 255–255 MAX
4	Tilt Fine	0	Fine byte of Tilt
5	Position Effect Rate	0	0–225 Max to min speed 226–235 Blackout by movement 236–255 No function
6	Dimmer	255	0–254 Close 255–255 Open
7	Dimmer Fine	255	Fine byte of Dimmer
8	Shutter / Strobe	50	0–31 closed 32–63 open 64–94 min Strobe 95–95 max Strobe 96–127 shutter open(2) 128–158 min pulse 159–159 max pulse 160–191 shutter open(3) 192–222 min Random 223–223 max Random 224–255 shutter open(4)
9	Red	0	
10	Green	0	
11	Blue	0	
12	White	0	
13	Red	0	
14	Green	0	
15	Blue	0	
16	White	0	
17	Red	0	
18	Green	0	
19	Blue	0	
20	White	0	
21	Red	0	
22	Green	0	
23	Blue	0	
24	White	0	
25	Red	0	
26	Green	0	
27	Blue	0	
28	White	0	
29	Red	0	
30	Green	0	
31	Blue	0	
32	White	0	
33	Red	0	

Extend 45CH (continued)

Ch	Function	Default	DMX values
34	Green	0	
35	Blue	0	
36	White	0	
37	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
38	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
39	Color Macro1Rate	0	0–254 Slow 255–255 Fast
40	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

Extend 45CH (continued)

Ch	Function	Default	DMX values
41	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
42	Effects1Fade	0	0–254 Fast 255–255 Slow
43	Zoom	0	0–127 narrow 128–254 center 255–255 wide
44	Dimmer Mode	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architectural 81–100 Theatre 101–255 Default to Unit Setting
45	Fixture Global Reset	0	0–5 no function 6–17 Invert Panon(Hold 3s) 18–29 Invert Panoff (Hold3s) 30–41 Invert Tilton (Hold3s) 42–53 Invert Tilt off (Hold3s) 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-SquareDimmer Curve(hold 3s) 126–131 S - DimmerCurve (hold3s) 132–137 Led Freq900Hz (hold3s) 138–143 Led Freq1000 Hz (hold3s) 144–149 1100 Hz (hold3s) 150–155 1200 Hz (hold3s) 156–161 1300 Hz (hold3s) 162–167 1400 Hz (hold3s) 168–173 1500 Hz (hold3s) 174–179 2500 Hz (hold3s) 180–185 4000 Hz (hold3s) 186–191 5000 Hz (hold3s) 192–197 10000 Hz(hold 3s) 198–203 15000 Hz(hold 3s) 204–209 20000 Hz(hold 3s) 210–215 25000 Hz(hold 3s) 216–218 Reset Pan/Tilt(Hold 3s) 219–221 Reset only Head (Hold3s) 222–224 Reset All Functions(Hold 3s) 225–249 No used 250–252 White Calibred by IC (Hold3s) 253–255 Fixed White values (Hold3s)