FOS Technologies

FOS Triton



Manufacturer	**FOS Technologies**
Type	**Moving head**
DMX modes	**1**
DMX footprint	**20 channels**
Beam angle	**3-36°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**280 × 420 × 231 mm**
GDTF fixture type	**C20FE68A-5EE4-40F2-B3CE-53…**

Controls

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

Safety-relevant functions

Fixture reset

DMX modes

Standard - 20ch — 20 ch

Standard - 20ch

20 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	Color Wheel	0	0–9 Open/white (wheel slot 1) 10–19 Red (wheel slot 2) 20–29 Deep Blue (wheel slot 3) 30–39 Green (wheel slot 4) 40–49 Light Yellow (wheel slot 5) 50–59 Dark Magenta (wheel slot 6) 60–69 Blue (wheel slot 7) 70–79 Aqua (wheel slot 8) 80–89 CTO (wheel slot 9) 90–99 CTB (wheel slot 10) 100–127 Orange (wheel slot 1) 128–176 Fast to slow - fast 177–189 Fast to slow - slow 190–193 No Rotation middle 194–251 Slow to fast - slow 252–255 Slow to fast - fast
6	Gobo	0	0–9 Open/hole (wheel slot 1) 10–19 Gobo 1 (wheel slot 2) 20–29 Gobo 2 (wheel slot 3) 30–39 Gobo 3 (wheel slot 4) 40–49 Gobo 4 (wheel slot 5) 50–59 Gobo 5 (wheel slot 6) 60–69 Gobo 6 (wheel slot 7) 70–79 Gobo 7 (wheel slot 8) 80–99 Gobo 1 - Shaking Index (wheel slot 2) 100–119 Gobo 2 - Shaking Index (wheel slot 3) 120–139 Gobo 3 - Shaking Index (wheel slot 4) 140–159 Gobo 4 - Shaking Index (wheel slot 5) 160–179 Gobo 5 - Shaking Index (wheel slot 6) 180–199 Gobo 6 - Shaking Index (wheel slot 7) 200–219 Gobo 7 - Shaking Index (wheel slot 8) 220–245 Slow to fast - Slow 246–255 Slow to fast - Fast
7	Gobo Rotation	0	0–127 Gobo1Pos 1 128–189 Forward 190–193 Stop 194–255 Backwards
8	Gobo 2	0	0–9 Open/hole (wheel slot 1) 10–19 Gobo 1 (wheel slot 2) 20–29 Gobo 2 (wheel slot 3) 30–39 Gobo 3 (wheel slot 4) 40–49 Gobo 4 (wheel slot 5) 50–59 Gobo 5 (wheel slot 6) 60–69 Gobo 6 (wheel slot 7) 70–89 Gobo 1 - Shaking Index (wheel slot 2) 90–109 Gobo 2 - Shaking Index (wheel slot 3) 110–129 Gobo 3 - Shaking Index (wheel slot 4) 130–149 Gobo 4 - Shaking Index (wheel slot 5) 150–169 Gobo 5 - Shaking Index (wheel slot 6) 170–189 Gobo 6 - Shaking Index (wheel slot 7) 190–240 Slow to fast - slow 241–255 Slow to fast - fast

Standard - 20ch (continued)

Ch	Function	Default	DMX values
9	Shutter / Strobe	32	0–31 Closed 32–63 Open 64–94 Strobe · Slow to fast 1/12 0.3–19.4 Hz 95–95 Strobe · Slow to fast 12/12 20 Hz 96–127 open 128–140 StrobePulseOpen · Slow to fast 1/7 0.1–0.42 Hz 141–143 StrobePulseOpen · Slow to fast 7/7 0.447–0.5 Hz 144–155 StrobePulseClose · Fast to slow 1/7 0.5–0.207 Hz 156–159 StrobePulseClose · Fast to slow 7/7 0.18–0.1 Hz 160–191 open 192–223 Random strobe from slow to fast 224–255 open
10	Dimmer	0	0–254 Closed 255–255 Open
11	Cyan	0	
12	Magenta	0	
13	Yellow	0	
14	C TO	0	0–46 6700 47–71 6000 72–112 5600 113–134 5000 135–158 4800 159–182 4500 183–205 4000 206–227 3600 228–235 3200 236–248 3000 249–254 2800 255–255 2700
15	Focus	128	
16	Zoom	128	
17	Prism	0	0–5 Open position (hole) (wheel slot 1) 6–127 Prisma 1 (wheel slot 2) 128–255 Prism 1 Rotation (wheel slot 2)
18	Frost1	0	0–199 Open 200–255 100% Frost
19	Position MSpeed	0	
20	Control1	0	0–79 No function 80–84 All motor reset 85–87 Scan motor reset 88–90 Colors motor reset 91–93 Gobo motor reset 94–96 No function 97–99 Other motor reset 100–119 Internal proqram 1 120–139 Internal proqram 2 140–159 Internal proqram 3 160–179 Internal proqram 4 180–199 Internal proqram 5 200–219 Internal proqram 6 220–239 Internal proqram 7 240–255 Internal Sound program