Stage4

broSPOT 360Z



Manufacturer	**Stage4**
Type	**Moving head**
DMX modes	**4**
DMX footprint	**18, 19, 20, 21 channels**
Beam angle	**25°**
Pan range	**540°**
Tilt range	**220°**
Size (W × H × D)	**240 × 450 × 220 mm**
GDTF fixture type	**1656B679-0E69-42F5-A5F0-CEF…**

Controls

Focus · Frost · Prism · Zoom · CMY colour mixing · Colour temperature · Colour wheel · Dimmer · Movement speed · Gobos

Safety-relevant functions

Fixture reset

DMX modes

18ch	18 ch
19ch	19 ch
20ch	20 ch
21ch	21 ch

18ch

18 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Tilt	128	
3	Color1Wheel Index	0	0–9 Open (wheel slot 1) 10–19 Col 1 (wheel slot 2) 20–29 Col 2 (wheel slot 3) 30–39 Col 3 (wheel slot 4) 40–49 Col 4 (wheel slot 5) 50–59 Col 5 (wheel slot 6) 60–69 Col 6 (wheel slot 7) 70–79 Col 7 (wheel slot 8) 80–89 Col 8 (wheel slot 9) 90–99 Col 9 (wheel slot 10) 100–127 Col 10 (wheel slot 11) 128–189 Rainbow F>S 190–193 Stop 194–255 Rainbow S>F
4	Gobo	0	0–9 Open (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 (wheel slot 2) 100–119 Gobo 2 (wheel slot 3) 120–139 Gobo 3 (wheel slot 4) 140–159 Gobo 4 (wheel slot 5) 160–179 Gobo 5 (wheel slot 6) 180–199 Gobo 6 (wheel slot 7) 200–219 Gobo 7 (wheel slot 8) 220–255 Gobo1WheelSpin 3
5	Gobo1Select Spin	0	
6	Gobo 2	0	0–9 Gobo 12 (wheel slot 12) 10–19 Gobo 1 (wheel slot 1) 20–29 Gobo 2 (wheel slot 2) 30–39 Gobo 3 (wheel slot 3) 40–49 Gobo 4 (wheel slot 4) 50–59 Gobo 5 (wheel slot 5) 60–69 Gobo 6 (wheel slot 6) 70–79 Gobo 7 (wheel slot 7) 80–89 Gobo 8 (wheel slot 8) 90–99 Gobo 9 (wheel slot 9) 100–109 Gobo 10 (wheel slot 10) 110–119 Gobo 11 (wheel slot 11) 120–129 Gobo 1 (wheel slot 1) 130–139 Gobo 2 (wheel slot 2) 140–149 Gobo 3 (wheel slot 3) 150–159 Gobo 4 (wheel slot 4) 160–169 Gobo 5 (wheel slot 5) 170–179 Gobo 6 (wheel slot 6) 180–189 Gobo 7 (wheel slot 7) 190–199 Gobo 8 (wheel slot 8) 200–209 Gobo 9 (wheel slot 9) 210–219 Gobo 10 (wheel slot 10) 220–229 Gobo 11 (wheel slot 11) 230–255 Gobo2WheelSpin 3

18ch (continued)

Ch	Function	Default	DMX values
7	Strobe Mode Shutter	50	0–31 Closed 32–63 Opened 64–95 Strob S>F 96–127 Opened 128–143 Pulse S>F 144–159 Pulse F>S 160–191 Opened 192–223 Random 224–255 Opened
8	Dimmer	0	0–254 Closed 255–255 Open
9	Cyan	0	
10	Magenta	0	
11	Yellow	0	
12	C TO	0	
13	Focus	0	
14	Zoom	0	
15	Prism	0	0–5 Open (wheel slot 1) 6–127 Prism (wheel slot 2) 128–189 Prism F>S (wheel slot 2) 190–193 Prism Stop (wheel slot 2) 194–255 Prism S>F (wheel slot 2)
16	Position MSpeed	0	
17	Frost1	0	

18ch (continued)

Ch	Function	Default	DMX values
18	Function	0	0–19 No Func 20–20 Fan Auto 21–38 Fan Speed S>F 39–39 Fan Min 40–44 Linear Curve 45–49 S-Curve 50–54 Square Law 55–59 Inv Square Law 60–60 900Hz 61–61 1000Hz 62–62 1100Hz 63–63 1200Hz 64–64 1300Hz 65–65 1400Hz 66–66 1500Hz 67–67 2500Hz 68–68 4000Hz 69–69 5000Hz 70–70 10KHz 71–71 15KHz 72–72 20KHz 73–73 25KHz 74–79 No Func 80–84 Motor Reset 85–87 SCAN Reset 88–90 Color Reset 91–93 Gobo Reset 94–96 No Func 97–99 Reset 100–119 Programm 1 120–139 Programm 2 140–159 Programm 3 160–179 Programm 4 180–199 Programm 5 200–219 Programm 6 220–239 Programm 7 240–255 Sound

19ch

19 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Tilt	128	
3	Color1Wheel Index	0	0–9 Open (wheel slot 1) 10–19 Col 1 (wheel slot 2) 20–29 Col 2 (wheel slot 3) 30–39 Col 3 (wheel slot 4) 40–49 Col 4 (wheel slot 5) 50–59 Col 5 (wheel slot 6) 60–69 Col 6 (wheel slot 7) 70–79 Col 7 (wheel slot 8) 80–89 Col 8 (wheel slot 9) 90–99 Col 9 (wheel slot 10) 100–127 Col 10 (wheel slot 11) 128–189 Rainbow F>S 190–193 Stop 194–255 Rainbow S>F

19ch (continued)

Ch	Function	Default	DMX values
4	Gobo	0	0–9 Open (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 (wheel slot 2) 100–119 Gobo 2 (wheel slot 3) 120–139 Gobo 3 (wheel slot 4) 140–159 Gobo 4 (wheel slot 5) 160–179 Gobo 5 (wheel slot 6) 180–199 Gobo 6 (wheel slot 7) 200–219 Gobo 7 (wheel slot 8) 220–255 Gobo1WheelSpin 3
5	Gobo1Select Spin	0	
6	Gobo 2	0	0–9 Gobo 12 (wheel slot 12) 10–19 Gobo 1 (wheel slot 1) 20–29 Gobo 2 (wheel slot 2) 30–39 Gobo 3 (wheel slot 3) 40–49 Gobo 4 (wheel slot 4) 50–59 Gobo 5 (wheel slot 5) 60–69 Gobo 6 (wheel slot 6) 70–79 Gobo 7 (wheel slot 7) 80–89 Gobo 8 (wheel slot 8) 90–99 Gobo 9 (wheel slot 9) 100–109 Gobo 10 (wheel slot 10) 110–119 Gobo 11 (wheel slot 11) 120–129 Gobo 1 (wheel slot 1) 130–139 Gobo 2 (wheel slot 2) 140–149 Gobo 3 (wheel slot 3) 150–159 Gobo 4 (wheel slot 4) 160–169 Gobo 5 (wheel slot 5) 170–179 Gobo 6 (wheel slot 6) 180–189 Gobo 7 (wheel slot 7) 190–199 Gobo 8 (wheel slot 8) 200–209 Gobo 9 (wheel slot 9) 210–219 Gobo 10 (wheel slot 10) 220–229 Gobo 11 (wheel slot 11) 230–255 Gobo2WheelSpin 3
7	Strobe Mode Shutter	50	0–31 Closed 32–63 Opened 64–95 Strob S>F 96–127 Opened 128–143 Pulse S>F 144–159 Pulse F>S 160–191 Opened 192–223 Random 224–255 Opened
8	Dimmer	0	0–254 Closed 255–255 Open
9	Dimmer Fine	0	Fine byte of Dimmer
10	Cyan	0	
11	Magenta	0	
12	Yellow	0	
13	C TO	0	
14	Focus	0	
15	Zoom	0	

19ch (continued)

Ch	Function	Default	DMX values
16	Prism	0	0–5 Open (wheel slot 1) 6–127 Prism (wheel slot 2) 128–189 Prism F>S (wheel slot 2) 190–193 Prism Stop (wheel slot 2) 194–255 Prism S>F (wheel slot 2)
17	Position MSpeed	0	
18	Frost1	0	
19	Function	0	0–19 No Func 20–20 Fan Auto 21–38 Fan Speed S>F 39–39 Fan Min 40–44 Linear Curve 45–49 S-Curve 50–54 Square Law 55–59 Inv Square Law 60–60 900Hz 61–61 1000Hz 62–62 1100Hz 63–63 1200Hz 64–64 1300Hz 65–65 1400Hz 66–66 1500Hz 67–67 2500Hz 68–68 4000Hz 69–69 5000Hz 70–70 10KHz 71–71 15KHz 72–72 20KHz 73–73 25KHz 74–79 No Func 80–84 Motor Reset 85–87 SCAN Reset 88–90 Color Reset 91–93 Gobo Reset 94–96 No Func 97–99 Reset 100–119 Programm 1 120–139 Programm 2 140–159 Programm 3 160–179 Programm 4 180–199 Programm 5 200–219 Programm 6 220–239 Programm 7 240–255 Sound

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

20ch (continued)

Ch	Function	Default	DMX values
5	Color1Wheel Index	0	0–9 Open (wheel slot 1) 10–19 Col 1 (wheel slot 2) 20–29 Col 2 (wheel slot 3) 30–39 Col 3 (wheel slot 4) 40–49 Col 4 (wheel slot 5) 50–59 Col 5 (wheel slot 6) 60–69 Col 6 (wheel slot 7) 70–79 Col 7 (wheel slot 8) 80–89 Col 8 (wheel slot 9) 90–99 Col 9 (wheel slot 10) 100–127 Col 10 (wheel slot 11) 128–189 Rainbow F>S 190–193 Stop 194–255 Rainbow S>F
6	Gobo	0	0–9 Open (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 (wheel slot 2) 100–119 Gobo 2 (wheel slot 3) 120–139 Gobo 3 (wheel slot 4) 140–159 Gobo 4 (wheel slot 5) 160–179 Gobo 5 (wheel slot 6) 180–199 Gobo 6 (wheel slot 7) 200–219 Gobo 7 (wheel slot 8) 220–255 Gobo1WheelSpin 3
7	Gobo1Select Spin	0	
8	Gobo 2	0	0–9 Gobo 12 (wheel slot 12) 10–19 Gobo 1 (wheel slot 1) 20–29 Gobo 2 (wheel slot 2) 30–39 Gobo 3 (wheel slot 3) 40–49 Gobo 4 (wheel slot 4) 50–59 Gobo 5 (wheel slot 5) 60–69 Gobo 6 (wheel slot 6) 70–79 Gobo 7 (wheel slot 7) 80–89 Gobo 8 (wheel slot 8) 90–99 Gobo 9 (wheel slot 9) 100–109 Gobo 10 (wheel slot 10) 110–119 Gobo 11 (wheel slot 11) 120–129 Gobo 1 (wheel slot 1) 130–139 Gobo 2 (wheel slot 2) 140–149 Gobo 3 (wheel slot 3) 150–159 Gobo 4 (wheel slot 4) 160–169 Gobo 5 (wheel slot 5) 170–179 Gobo 6 (wheel slot 6) 180–189 Gobo 7 (wheel slot 7) 190–199 Gobo 8 (wheel slot 8) 200–209 Gobo 9 (wheel slot 9) 210–219 Gobo 10 (wheel slot 10) 220–229 Gobo 11 (wheel slot 11) 230–255 Gobo2WheelSpin 3

20ch (continued)

Ch	Function	Default	DMX values
9	Strobe Mode Shutter	50	0–31 Closed 32–63 Opened 64–95 Strob S>F 96–127 Opened 128–143 Pulse S>F 144–159 Pulse F>S 160–191 Opened 192–223 Random 224–255 Opened
10	Dimmer	0	0–254 Closed 255–255 Open
11	Cyan	0	
12	Magenta	0	
13	Yellow	0	
14	C TO	0	
15	Focus	0	
16	Zoom	0	
17	Prism	0	0–5 Open (wheel slot 1) 6–127 Prism (wheel slot 2) 128–189 Prism F>S (wheel slot 2) 190–193 Prism Stop (wheel slot 2) 194–255 Prism S>F (wheel slot 2)
18	Position MSpeed	0	
19	Frost1	0	

20ch (continued)

Ch	Function	Default	DMX values
20	Function	0	0–19 No Func 20–20 Fan Auto 21–38 Fan Speed S>F 39–39 Fan Min 40–44 Linear Curve 45–49 S-Curve 50–54 Square Law 55–59 Inv Square Law 60–60 900Hz 61–61 1000Hz 62–62 1100Hz 63–63 1200Hz 64–64 1300Hz 65–65 1400Hz 66–66 1500Hz 67–67 2500Hz 68–68 4000Hz 69–69 5000Hz 70–70 10KHz 71–71 15KHz 72–72 20KHz 73–73 25KHz 74–79 No Func 80–84 Motor Reset 85–87 SCAN Reset 88–90 Color Reset 91–93 Gobo Reset 94–96 No Func 97–99 Reset 100–119 Programm 1 120–139 Programm 2 140–159 Programm 3 160–179 Programm 4 180–199 Programm 5 200–219 Programm 6 220–239 Programm 7 240–255 Sound

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	Color1Wheel Index	0	0–9 Open (wheel slot 1) 10–19 Col 1 (wheel slot 2) 20–29 Col 2 (wheel slot 3) 30–39 Col 3 (wheel slot 4) 40–49 Col 4 (wheel slot 5) 50–59 Col 5 (wheel slot 6) 60–69 Col 6 (wheel slot 7) 70–79 Col 7 (wheel slot 8) 80–89 Col 8 (wheel slot 9) 90–99 Col 9 (wheel slot 10) 100–127 Col 10 (wheel slot 11) 128–189 Rainbow F>S 190–193 Stop 194–255 Rainbow S>F

21ch (continued)

Ch	Function	Default	DMX values
6	Gobo	0	0–9 Open (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 (wheel slot 2) 100–119 Gobo 2 (wheel slot 3) 120–139 Gobo 3 (wheel slot 4) 140–159 Gobo 4 (wheel slot 5) 160–179 Gobo 5 (wheel slot 6) 180–199 Gobo 6 (wheel slot 7) 200–219 Gobo 7 (wheel slot 8) 220–255 Gobo1WheelSpin 3
7	Gobo1Select Spin	0	
8	Gobo 2	0	0–9 Gobo 12 (wheel slot 12) 10–19 Gobo 1 (wheel slot 1) 20–29 Gobo 2 (wheel slot 2) 30–39 Gobo 3 (wheel slot 3) 40–49 Gobo 4 (wheel slot 4) 50–59 Gobo 5 (wheel slot 5) 60–69 Gobo 6 (wheel slot 6) 70–79 Gobo 7 (wheel slot 7) 80–89 Gobo 8 (wheel slot 8) 90–99 Gobo 9 (wheel slot 9) 100–109 Gobo 10 (wheel slot 10) 110–119 Gobo 11 (wheel slot 11) 120–129 Gobo 1 (wheel slot 1) 130–139 Gobo 2 (wheel slot 2) 140–149 Gobo 3 (wheel slot 3) 150–159 Gobo 4 (wheel slot 4) 160–169 Gobo 5 (wheel slot 5) 170–179 Gobo 6 (wheel slot 6) 180–189 Gobo 7 (wheel slot 7) 190–199 Gobo 8 (wheel slot 8) 200–209 Gobo 9 (wheel slot 9) 210–219 Gobo 10 (wheel slot 10) 220–229 Gobo 11 (wheel slot 11) 230–255 Gobo2WheelSpin 3
9	Strobe Mode Shutter	50	0–31 Closed 32–63 Opened 64–95 Strob S>F 96–127 Opened 128–143 Pulse S>F 144–159 Pulse F>S 160–191 Opened 192–223 Random 224–255 Opened
10	Dimmer	0	0–254 Closed 255–255 Open
11	Dimmer Fine	0	Fine byte of Dimmer
12	Cyan	0	
13	Magenta	0	
14	Yellow	0	
15	C TO	0	
16	Focus	0	
17	Zoom	0	

21ch (continued)

Ch	Function	Default	DMX values
18	Prism	0	0–5 Open (wheel slot 1) 6–127 Prism (wheel slot 2) 128–189 Prism F>S (wheel slot 2) 190–193 Prism Stop (wheel slot 2) 194–255 Prism S>F (wheel slot 2)
19	Position MSpeed	0	
20	Frost1	0	
21	Function	0	0–19 No Func 20–20 Fan Auto 21–38 Fan Speed S>F 39–39 Fan Min 40–44 Linear Curve 45–49 S-Curve 50–54 Square Law 55–59 Inv Square Law 60–60 900Hz 61–61 1000Hz 62–62 1100Hz 63–63 1200Hz 64–64 1300Hz 65–65 1400Hz 66–66 1500Hz 67–67 2500Hz 68–68 4000Hz 69–69 5000Hz 70–70 10KHz 71–71 15KHz 72–72 20KHz 73–73 25KHz 74–79 No Func 80–84 Motor Reset 85–87 SCAN Reset 88–90 Color Reset 91–93 Gobo Reset 94–96 No Func 97–99 Reset 100–119 Programm 1 120–139 Programm 2 140–159 Programm 3 160–179 Programm 4 180–199 Programm 5 200–219 Programm 6 220–239 Programm 7 240–255 Sound