BSM-Lighting

Panther Ultra



Manufacturer	**BSM-Lighting**
Type	**Moving head**
DMX modes	**1**
DMX footprint	**16 channels**
Beam angle	**25°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**240 × 450 × 220 mm**
GDTF fixture type	**86A75463-8EA4-4123-BB95-36…**

Controls

Focus · Frost · Prism · Prism rotation · Colour wheel · Dimmer · Movement speed · Gobos

Safety-relevant functions

Lamp on and off · Fixture reset

DMX modes

16CH — 16 ch

16CH

16 channels

Ch	Function	Default	DMX values
1	Pan	128	0–127 min 128–254 Home 255–255 max
2	Tilt	128	0–127 min 128–254 Home 255–255 max
3	Pan Fine	0	Fine byte of Pan
4	Tilt Fine	0	Fine byte of Tilt
5	Position MSpeed	0	0–254 Fast 255–255 slow
6	Frost1	0	0–159 open (wheel slot 1) 160–160 Frost (wheel slot 2) 161–255 Rainbow (wheel slot 3)
7	Shutter1Strobe	253	0–3 Drak 4–102 Pulse min 103–103 Pulse max 104–109 open1 110–206 Strobe min 207–207 Strobe max 208–212 open2 213–250 Random min 251–251 Random max 252–255 open3
8	Dimmer	0	0–254 Closed 255–255 Open
9	Color Wheel	0	0–14 open (wheel slot 1) 15–24 red (wheel slot 2) 25–34 yellow (wheel slot 3) 35–44 blue (wheel slot 4) 45–54 green (wheel slot 5) 55–64 magenta (wheel slot 6) 65–74 red2 (wheel slot 7) 75–84 cyan (wheel slot 8) 85–94 uv (wheel slot 9) 95–104 orange (wheel slot 10) 105–114 blueviole (wheel slot 11) 115–124 cto (wheel slot 12) 125–134 pink (wheel slot 13) 135–149 greenyellow (wheel slot 14) 150–204 >>> 205–205 >> 206–254 << 255–255 <<<
10	Prism Rotation	128	0–126 min 127–127 max 128–190 >>> 191–191 >> 192–254 << 255–255 <<<

16CH (continued)

Ch	Function	Default	DMX values
11	Gobo	0	0–4 open (wheel slot 1) 5–9 gobo 1 (wheel slot 2) 10–14 gobo 2 (wheel slot 3) 15–19 gobo 3 (wheel slot 4) 20–24 gobo 4 (wheel slot 5) 25–29 gobo 5 (wheel slot 6) 30–34 gobo 6 (wheel slot 7) 35–39 gobo 7 (wheel slot 8) 40–44 gobo 8 (wheel slot 9) 45–49 gobo 9 (wheel slot 10) 50–54 gobo 10 (wheel slot 11) 55–59 gobo 11 (wheel slot 12) 60–64 gobo 12 (wheel slot 13) 65–69 gobo 13 (wheel slot 14) 70–74 gobo 14 (wheel slot 15) 75–79 gobo 15 (wheel slot 16) 80–84 gobo 16 (wheel slot 17) 85–89 gobo 17 (wheel slot 18) 90–95 Wheel Slot 2 (wheel slot 2) 96–100 Wheel Slot 3 (wheel slot 3) 101–105 Wheel Slot 4 (wheel slot 4) 106–110 Wheel Slot 5 (wheel slot 5) 111–115 Wheel Slot 6 (wheel slot 6) 116–120 Wheel Slot 7 (wheel slot 7) 121–125 Wheel Slot 8 (wheel slot 8) 126–130 Wheel Slot 9 (wheel slot 9) 131–135 Wheel Slot 10 (wheel slot 10) 136–140 Wheel Slot 11 (wheel slot 11) 141–145 Wheel Slot 12 (wheel slot 12) 146–150 Wheel Slot 13 (wheel slot 13) 151–155 Wheel Slot 14 (wheel slot 14) 156–160 Wheel Slot 15 (wheel slot 15) 161–165 Wheel Slot 16 (wheel slot 16) 166–170 Wheel Slot 17 (wheel slot 17) 171–175 Wheel Slot 18 (wheel slot 18) 176–180 white 181–213 >>> 214–214 >> 215–220 white 221–254 << 255–255 <<<
12	Prism	0	0–63 open (wheel slot 1) 64–160 prism 1 (wheel slot 2) 161–255 prism 2 (wheel slot 3)
13	Focus	0	
14	Prism	0	0–128 open (wheel slot 1) 129–191 prism 3 (wheel slot 2) 192–255 prism 4 (wheel slot 3)
15	Prism Rotation	128	0–126 min 127–127 max 128–190 >>> 191–191 >> 192–254 << 255–255 <<<
16	Fixture Global Reset	1	0–99 safe 100–199 lamp off 200–249 lamp on 250–255 reset