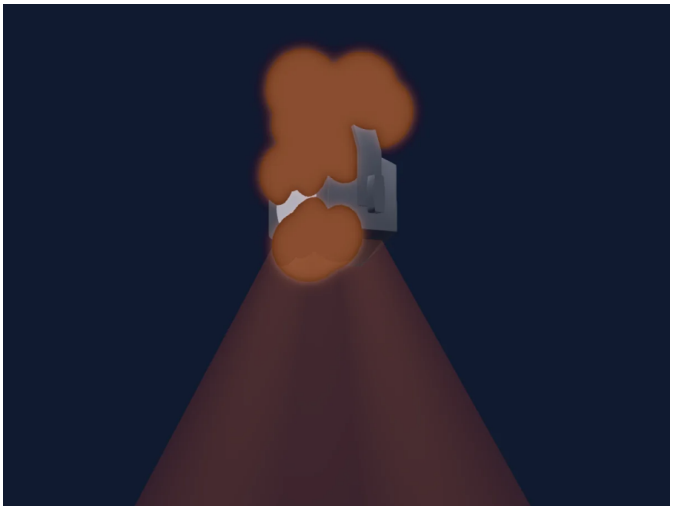
Blizzard Lighting LLC

Nexys RGBW



Manufacturer	**Blizzard Lighting LLC**
Type	**Blinder**
DMX modes	**3**
DMX footprint	**18, 45, 57 channels**
Beam angle	**25-90°**
Heads / cells	**15**
Size (W × H × D)	**240 × 245 × 125 mm**
GDTF fixture type	**88A4C1AE-9908-4DED-BD05-A…**

Controls

Colour wheel · Effect speed · Strobe · Dimmer · Pixel control

Safety-relevant functions

Strobe · Built-in effect programmes

DMX modes

18Ch Mode	18 ch
45Ch Mode	45 ch
57Ch Mode	57 ch

18Ch Mode

18 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Shutter / Strobe	0	0–3 Shutter Open 4–103 Slow <--> Fast 104–107 Shutter Open 108–251 Slow <--> Fast 252–255 Shutter Open
3	Red	0	
4	Green	0	
5	Blue	0	
6	White	0	
7	Red	0	
8	Green	0	
9	Blue	0	
10	Red	0	
11	Green	0	
12	Blue	0	
13	Effect	0	0–8 No Function 9–21 1 Segment Chase 22–34 2 Segment Chase 35–47 3 Segment Chase 48–60 4 Segment Chase 61–73 5 Segment Chase 74–86 Segments fill from 1 to all 87–99 Segments empty from all to 1 100–112 Segments fill from none to all then empty from all ... 113–125 Segments empty from all to none then fill from 1 t... 126–138 2 opposite segments chase 139–151 4 opposite segments chase 152–164 2 opposite segments fill from 2 to all 165–177 2 opposite segments empty from all to 2 178–190 2 opposite segments fill from none to all then em... 191–203 Segments fill in opposite directions 1 to all 204–216 Segments empty in opposite directions all to 1 217–229 Segments fill then empty in opposite directions 230–242 3 segment flip flop rotate 243–255 All chases loop
14	Color Wheel	0	0–19 Red (wheel slot 1) 20–39 Orange (wheel slot 2) 40–59 Yellow (wheel slot 3) 60–79 Green (wheel slot 4) 80–99 Teal (wheel slot 5) 100–119 Blue (wheel slot 6) 120–139 Indigo (wheel slot 7) 140–159 Violet (wheel slot 8) 160–179 Magenta (wheel slot 9) 180–199 White (wheel slot 10) 200–219 Color Chase Snap 220–239 Color Chase Fade 240–255 User Defined

18Ch Mode (continued)

Ch	Function	Default	DMX values
15	Effect Speed	0	0–5 Stop 6–61 Clockwises Snap Slow to Fast 62–67 Stop 68–123 CCW Snap Fast to Slow 124–129 Stop 130–185 Clockwise Fade Slow to Fast 186–191 Stop 192–247 CCW Fade Fast to Slow 248–255 Stop
16	Effect	0	0–8 No Function 9–21 1 Segment Chase 22–34 2 Segment Chase 35–47 3 Segment Chase 48–60 4 Segment Chase 61–73 5 Segment Chase 74–86 Segments fill from 1 to all 87–99 Segments empty from all to 1 100–112 Segments fill from none to all then empty from all ... 113–125 Segments empty from all to none then fill from 1 t... 126–138 2 opposite segments chase 139–151 4 opposite segments chase 152–164 2 opposite segments fill from 2 to all 165–177 2 opposite segments empty from all to 2 178–190 2 opposite segments fill from none to all then em... 191–203 Segments fill in opposite directions 1 to all 204–216 Segments empty in opposite directions all to 1 217–229 Segments fill then empty in opposite directions 230–242 3 segment flip flop rotate 243–255 All chases loop
17	Color Wheel	0	0–19 Red (wheel slot 1) 20–39 Orange (wheel slot 2) 40–59 Yellow (wheel slot 3) 60–79 Green (wheel slot 4) 80–99 Teal (wheel slot 5) 100–119 Blue (wheel slot 6) 120–139 Indigo (wheel slot 7) 140–159 Violet (wheel slot 8) 160–179 Magenta (wheel slot 9) 180–199 White (wheel slot 10) 200–219 Color Chase Snap 220–239 Color Chase Fade 240–255 User Defined
18	Effect Speed	0	0–5 Stop 6–61 Clockwises Snap Slow to Fast 62–67 Stop 68–123 CCW Snap Fast to Slow 124–129 Stop 130–185 Clockwise Fade Slow to Fast 186–191 Stop 192–247 CCW Fade Fast to Slow 248–255 Stop

45Ch Mode

45 channels

Ch	Function	Default	DMX values
1	Dimmer	0	

45Ch Mode (continued)

Ch	Function	Default	DMX values
2	Shutter / Strobe	0	0–3 Shutter Open 4–103 Slow <--> Fast 104–107 Shutter Open 108–251 Slow <--> Fast 252–255 Shutter Open
3	Red	0	
4	Green	0	
5	Blue	0	
6	White	0	
7	Reserved 7	0	
8	Reserved 8	0	
9	Reserved 9	0	
10	Red	0	
11	Green	0	
12	Blue	0	
13	Red	0	
14	Green	0	
15	Blue	0	
16	Red	0	
17	Green	0	
18	Blue	0	
19	Red	0	
20	Green	0	
21	Blue	0	
22	Red	0	
23	Green	0	
24	Blue	0	
25	Red	0	
26	Green	0	
27	Blue	0	
28	Red	0	
29	Green	0	
30	Blue	0	
31	Red	0	
32	Green	0	
33	Blue	0	
34	Red	0	
35	Green	0	
36	Blue	0	
37	Red	0	
38	Green	0	
39	Blue	0	
40	Red	0	
41	Green	0	
42	Blue	0	
43	Red	0	

45Ch Mode (continued)

Ch	Function	Default	DMX values
44	Green	0	
45	Blue	0	

57Ch Mode

57 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Shutter / Strobe	0	0–3 Shutter Open 4–103 Slow <--> Fast 104–107 Shutter Open 108–251 Slow <--> Fast 252–255 Shutter Open
3	Red	0	
4	Green	0	
5	Blue	0	
6	White	0	
7	Reserved 7	0	
8	Reserved 8	0	
9	Reserved 9	0	
10	Red	0	
11	Green	0	
12	Blue	0	
13	Red	0	
14	Green	0	
15	Blue	0	
16	Red	0	
17	Green	0	
18	Blue	0	
19	Red	0	
20	Green	0	
21	Blue	0	
22	Red	0	
23	Green	0	
24	Blue	0	
25	Red	0	
26	Green	0	
27	Blue	0	
28	Red	0	
29	Green	0	
30	Blue	0	
31	Red	0	
32	Green	0	
33	Blue	0	
34	Red	0	
35	Green	0	
36	Blue	0	
37	Red	0	

57Ch Mode (continued)

Ch	Function	Default	DMX values
38	Green	0	
39	Blue	0	
40	Red	0	
41	Green	0	
42	Blue	0	
43	Red	0	
44	Green	0	
45	Blue	0	
46	Red	0	
47	Green	0	
48	Blue	0	
49	Red	0	
50	Green	0	
51	Blue	0	
52	Effect	0	0–8 No Function 9–21 1 Segment Chase 22–34 2 Segment Chase 35–47 3 Segment Chase 48–60 4 Segment Chase 61–73 5 Segment Chase 74–86 Segments fill from 1 to all 87–99 Segments empty from all to 1 100–112 Segments fill from none to all then empty from all ... 113–125 Segments empty from all to none then fill from 1 t... 126–138 2 opposite segments chase 139–151 4 opposite segments chase 152–164 2 opposite segments fill from 2 to all 165–177 2 opposite segments empty from all to 2 178–190 2 opposite segments fill from none to all then em... 191–203 Segments fill in opposite directions 1 to all 204–216 Segments empty in opposite directions all to 1 217–229 Segments fill then empty in opposite directions 230–242 3 segment flip flop rotate 243–255 All chases loop
53	Color Wheel	0	0–19 Red (wheel slot 1) 20–39 Orange (wheel slot 2) 40–59 Yellow (wheel slot 3) 60–79 Green (wheel slot 4) 80–99 Teal (wheel slot 5) 100–119 Blue (wheel slot 6) 120–139 Indigo (wheel slot 7) 140–159 Violet (wheel slot 8) 160–179 Magenta (wheel slot 9) 180–199 White (wheel slot 10) 200–219 Color Chase Snap 220–239 Color Chase Fade 240–255 User Defined
54	Effect Speed	0	0–5 Stop 6–61 Clockwises Snap Slow to Fast 62–67 Stop 68–123 CCW Snap Fast to Slow 124–129 Stop 130–185 Clockwise Fade Slow to Fast 186–191 Stop 192–247 CCW Fade Fast to Slow 248–255 Stop

57Ch Mode (continued)

Ch	Function	Default	DMX values
55	Effect	0	0–8 No Function 9–21 1 Segment Chase 22–34 2 Segment Chase 35–47 3 Segment Chase 48–60 4 Segment Chase 61–73 5 Segment Chase 74–86 Segments fill from 1 to all 87–99 Segments empty from all to 1 100–112 Segments fill from none to all then empty from all ... 113–125 Segments empty from all to none then fill from 1 t... 126–138 2 opposite segments chase 139–151 4 opposite segments chase 152–164 2 opposite segments fill from 2 to all 165–177 2 opposite segments empty from all to 2 178–190 2 opposite segments fill from none to all then em... 191–203 Segments fill in opposite directions 1 to all 204–216 Segments empty in opposite directions all to 1 217–229 Segments fill then empty in opposite directions 230–242 3 segment flip flop rotate 243–255 All chases loop
56	Color Wheel	0	0–19 Red (wheel slot 1) 20–39 Orange (wheel slot 2) 40–59 Yellow (wheel slot 3) 60–79 Green (wheel slot 4) 80–99 Teal (wheel slot 5) 100–119 Blue (wheel slot 6) 120–139 Indigo (wheel slot 7) 140–159 Violet (wheel slot 8) 160–179 Magenta (wheel slot 9) 180–199 White (wheel slot 10) 200–219 Color Chase Snap 220–239 Color Chase Fade 240–255 User Defined
57	Effect Speed	0	0–5 Stop 6–61 Clockwises Snap Slow to Fast 62–67 Stop 68–123 CCW Snap Fast to Slow 124–129 Stop 130–185 Clockwise Fade Slow to Fast 186–191 Stop 192–247 CCW Fade Fast to Slow 248–255 Stop