BeamZ Pro

Nereid 760 IP65



Manufacturer	**BeamZ Pro**
Type	**Moving head**
DMX modes	**4**
DMX footprint	**23, 35, 51 channels**
Beam angle	**7-46°**
Pan range	**540°**
Tilt range	**180°**
Heads / cells	**9**
Size (W × H × D)	**200 × 200 × 200 mm**
GDTF fixture type	**17B5E35F-8480-455F-A763-E2E…**

Controls

Zoom · Colour temperature · Colour wheel · Effect speed · Strobe · Dimmer · Pixel control · Pan and tilt · Movement speed

Safety-relevant functions

Fixture reset · Built-in effect programmes

DMX modes

23 Ch	23 ch
35 CH	35 ch
51 CH	51 ch
51 CH VIRTUAL DIMMER	51 ch

23 Ch

23 channels

Ch	Function	Default	DMX values
1	Pan	128	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
2	Pan Fine	128	Fine byte of Pan
3	Tilt	128	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
4	Tilt Fine	128	Fine byte of Tilt
5	Position MSpeed	0	
6	Zoom	128	0–49 100 50–99 075 100–149 050 150–199 025 200–200 000 201–255 Lens Rotation
7	Beam Shaper Pos	0	0–0 Idle 1–31 -100 32–63 -050 64–95 000 96–126 050 127–127 100 128–173 -100 174–188 -050 189–223 000 224–254 050 255–255 100
8	Dimmer	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
9	Shutter / Strobe	255	0–3 CLOSED 4–28 StrobeRate · 000 1–6.09 Hz 29–53 StrobeRate · 025 6.3–11.4 Hz 54–78 StrobeRate · 050 11.6–16.7 Hz 79–102 StrobeRate · 075 16.9–21.8 Hz 103–103 StrobeRate · 100 22 Hz 104–107 OPEN 108–132 PulseRate · 000 1–4.64 Hz 133–157 PulseRate · 025 4.79–8.42 Hz 158–182 PulseRate · 050 8.58–12.2 Hz 183–206 PulseRate · 075 12.4–15.8 Hz 207–207 PulseRate · 100 16 Hz 208–212 OPEN 213–225 Random · 001 8–10.5 Hz 226–238 Random · 050 10.7–13.3 Hz 239–251 Random · 100 13.5–16 Hz 252–255 OPEN
10	Red	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100

23 Ch (continued)

Ch	Function	Default	DMX values
11	Green	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
12	Blue	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
13	White	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
14	C TC	0	0–9 No Function 10–255 Warm-Cold White
15	Color Mix Mode	0	0–9 No Function 10–255 Color select
16	Effect 2	0	0–29 Idle 30–44 Static Macro 1 45–59 Static Macro 2 60–74 Static Macro 3 75–89 Static Macro 4 90–104 Static Macro 5 105–119 Static Macro 6 120–134 Static Macro 7 135–149 Static Macro 8 150–164 Static Macro 9 165–179 Static Macro 10 180–194 Static Macro 11 195–209 Static Macro 12 210–224 Static Macro 13 225–239 Static Macro 14 240–254 Static Macro 15 255–255 Static Macro 16

23 Ch (continued)

Ch	Function	Default	DMX values
17	Effect	10	0–9 Idle 10–15 Dynamic Macro 1 16–21 Dynamic Macro 2 22–27 Dynamic Macro 3 28–33 Dynamic Macro 4 34–39 Dynamic Macro 5 40–45 Dynamic Macro 6 46–51 Dynamic Macro 7 52–57 Dynamic Macro 8 58–63 Dynamic Macro 9 64–69 Dynamic Macro 10 70–75 Dynamic Macro 11 76–81 Dynamic Macro 12 82–87 Dynamic Macro 13 88–93 Dynamic Macro 14 94–99 Dynamic Macro 15 100–105 Dynamic Macro 16 106–111 Dynamic Macro 17 112–117 Dynamic Macro 18 118–123 Dynamic Macro 19 124–129 Dynamic Macro 20 130–135 Dynamic Macro 21 136–141 Dynamic Macro 22 142–147 Dynamic Macro 23 148–153 Dynamic Macro 24 154–159 Dynamic Macro 25 160–165 Dynamic Macro 26 166–171 Dynamic Macro 27 172–177 Dynamic Macro 28 178–183 Dynamic Macro 29 184–189 Dynamic Macro 30 190–195 Dynamic Macro 31 196–201 Dynamic Macro 32 202–207 Dynamic Macro 33 208–213 Dynamic Macro 34 214–219 Dynamic Macro 35 220–225 Dynamic Macro 36 226–231 Dynamic Macro 37 232–237 Dynamic Macro 38 238–243 Dynamic Macro 39 244–249 Dynamic Macro 40 250–255 Dynamic Macro 41
18	Effects1Pos	31	0–0 Dynamic Effect INDEX -180 1–31 Dynamic Effect INDEX -180>000 32–32 Dynamic Effect INDEX 000 33–62 Dynamic Effect INDEX 000>180 63–63 Dynamic Effect INDEX 180 64–64 Dynamic Effect ROTATE CCW Max 65–158 Dynamic Effect ROTATE CCW Max>000 159–160 Dynamic Effect ROTATE STOP 161–254 Dynamic Effect ROTATE CW 000>Max 255–255 Dynamic Effect ROTATE CW Max
19	Red	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 255
20	Green	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100

23 Ch (continued)

Ch	Function	Default	DMX values
21	Blue	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
22	White	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
23	Control1	0	0–25 No Function 26–76 Motor reset 77–127 XY motor reset 128–255 All reset

35 CH

35 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	128	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	128	Fine byte of Tilt
5	Position MSpeed	0	0–0 No Function 1–128 MSpeed Min 129–254 MSpeed Medium 255–255 MSpeed Max
6	Zoom	128	0–0 Zoom Min 1–127 Zoom Min>Medium 128–128 Zoom Medium 129–254 Zoom Medium>Max 255–255 Zoom Max
7	Beam Shaper Pos	0	0–0 Idle 1–1 BeamShaper INDEX -180 2–63 BeamShaper INDEX -180>000 64–64 BeamShaper INDEX 000 65–126 BeamShaper INDEX 000>180 127–127 BeamShaper INDEX 180 128–128 BeamShaper ROTATE CCW Max 129–188 BeamShaper ROTATE CCW Max>Min 189–193 BeamShaper ROTATE STOP 194–254 BeamShaper ROTATE CW Min>Max 255–255 BeamShaper ROTATE CW Max
8	Dimmer	0	
9	Dimmer Fine	0	Fine byte of Dimmer

35 CH (continued)

Ch	Function	Default	DMX values
10	Shutter / Strobe	255	0–3 CLOSED 4–4 Strobe Min 5–53 Strobe Min>Medium 54–54 Strobe Medium 55–102 Strobe Medium>Max 103–103 Strobe Max 104–107 OPEN 108–108 Pulse Min 109–157 Pulse Min>Medium 158–158 Pulse Medium 159–206 Pulse Medium>Max 207–207 Pulse Max 208–212 OPEN 213–225 Random Min 226–238 Random Medium 239–251 Random Max 252–255 OPEN
11	Red	255	
12	Red Fine	255	Fine byte of Red
13	Green	255	
14	Green Fine	255	Fine byte of Green
15	Blue	255	
16	Blue Fine	255	Fine byte of Blue
17	White	0	
18	White Fine	0	Fine byte of White
19	C TC	0	0–9 No Function 10–10 CTC Min 11–132 CTC Min>Medium 133–133 CTC Medium 134–254 CTC Medium>Max 255–255 CTC Max
20	Color Macro1	0	0–9 Idle 10–19 Color Macro 1 20–29 Color Macro 2 30–39 Color Macro 3 40–49 Color Macro 4 50–59 Color Macro 5 60–69 Color Macro 6 70–79 Color Macro 7 80–89 Color Macro 8 90–99 Color Macro 9 100–110 Color Macro 10 111–255 No Function
21	Control1	0	0–25 No Function 26–76 Motor reset 77–127 XY motor reset 128–255 All reset
22	Dimmer	0	0–0 Dimmer Min 1–127 Dimmer Min>Medium 128–128 Dimmer Medium 129–254 Dimmer Medium>Max 255–255 Dimmer Max

35 CH (continued)

Ch	Function	Default	DMX values
23	Shutter / Strobe	255	0–3 CLOSED 4–4 Strobe Min 5–53 Strobe Min>Medium 54–54 Strobe Medium 55–102 Strobe Medium>Max 103–103 Strobe Max 104–107 OPEN 108–108 Pulse Min 109–157 Pulse Min>Medium 158–158 Pulse Medium 159–206 Pulse Medium>Max 207–207 Pulse Max 208–212 OPEN 213–225 Random Min 226–238 Random Medium 239–251 Random Max 252–255 OPEN
24	Effect	0	0–7 Idle 8–13 Macro 1 14–19 Macro 2 20–25 Macro 3 26–31 Macro 4 32–37 Macro 5 38–45 Macro 6 46–51 Macro 7 52–57 Macro 8 58–63 Macro 9 64–69 Macro 10 70–75 Macro 11 76–81 Macro 12 82–87 Macro 13 88–93 Macro 14 94–99 Macro 15 100–105 Macro 16 106–111 Macro 17 112–117 Macro 18 118–123 Macro 19 124–129 Macro 20 130–135 Macro 21 136–141 Macro 22 142–147 Macro 23 148–153 Macro 24 154–159 Macro 25 160–161 Macro 26 162–167 Macro 27 168–173 Macro 28 174–179 Macro 29 180–185 Macro 30 186–191 Macro 31 192–197 Macro 32 198–203 Macro 33 204–209 Macro 34 210–215 Macro 35 216–221 Macro 36 222–227 Macro 37 228–233 Macro 38 234–239 Macro 39 240–245 Macro 40 246–251 Macro 41 252–255 Macro 42

35 CH (continued)

Ch	Function	Default	DMX values
25	Effect Speed	0	0–0 Index -180 1–31 Index -179>001 32–32 Index 000 33–62 Index 001>179 63–63 Index 180 64–64 Rotate CW Max 65–158 Rotate CW Max>Min 159–160 Rotate STOP 161–254 Rotate CCW Min>Max 255–255 Rotate CCW Max
26	Red	255	0–0 Min 1–127 Min>Medium 128–128 Medium 129–254 Medium>Max 255–255 Max
27	Green	255	0–0 Min 1–127 Min>Medium 128–128 Medium 129–254 Medium>Max 255–255 Max
28	Blue	255	0–0 Min 1–127 Min>Medium 128–128 Medium 129–254 Medium>Max 255–255 Max
29	White	255	0–0 Min 1–127 Min>Medium 128–128 Medium 129–254 Medium>Max 255–255 Max
30	Effects1Fade	0	
31	Effects1Adjust1	0	
32	Effects Sync	0	
33	Dimmer	0	0–0 Dimmer Min 1–127 Dimmer Min>Medium 128–128 Dimmer Medium 129–254 Dimmer Medium>Max 255–255 Dimmer Max
34	Shutter / Strobe	255	0–3 CLOSED 4–4 Strobe Min 5–53 Strobe Min>Medium 54–54 Strobe Medium 55–102 Strobe Medium>Max 103–103 Strobe Max 104–107 OPEN 108–108 Pulse Min 109–157 Pulse Min>Medium 158–158 Pulse Medium 159–206 Pulse Medium>Max 207–207 Pulse Max 208–212 OPEN 213–225 Random Min 226–238 Random Medium 239–251 Random Max 252–255 OPEN

35 CH (continued)

Ch	Function	Default	DMX values
35	Pixel Mode	0	0–7 Idle 8–8 No Function 9–78 Ring 1 79–148 Ring 2 149–218 Ring 1/2 219–255 Mirror Effect

51 CH

51 channels

Ch	Function	Default	DMX values
1	Pan	128	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
2	Pan Fine	128	Fine byte of Pan
3	Tilt	128	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
4	Tilt Fine	128	Fine byte of Tilt
5	Pan Tilt Mode	0	
6	Zoom	128	0–49 100 50–99 075 100–149 050 150–199 025 200–200 000 201–255 Lens Rotation
7	Beam Shaper Pos	0	0–0 Idle 1–31 -100 32–63 -050 64–95 000 96–126 050 127–127 100 128–173 -100 174–188 -050 189–223 000 224–254 050 255–255 100
8	Dimmer	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100

51 CH (continued)

Ch	Function	Default	DMX values
9	Shutter / Strobe	255	0–3 CLOSED 4–28 StrobeRate · 000 1–6.09 Hz 29–53 StrobeRate · 025 6.3–11.4 Hz 54–78 StrobeRate · 050 11.6–16.7 Hz 79–102 StrobeRate · 075 16.9–21.8 Hz 103–103 StrobeRate · 100 22 Hz 104–107 OPEN 108–132 PulseRate · 000 1–4.64 Hz 133–157 PulseRate · 025 4.79–8.42 Hz 158–182 PulseRate · 050 8.58–12.2 Hz 183–206 PulseRate · 075 12.4–15.8 Hz 207–207 PulseRate · 100 16 Hz 208–212 OPEN 213–225 Random · 001 8–10.5 Hz 226–238 Random · 050 10.7–13.3 Hz 239–251 Random · 100 13.5–16 Hz 252–255 OPEN
10	Red	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
11	Green	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
12	Blue	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
13	White	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
14	C TC	0	0–9 No Function 10–255 Warm-Cold White
15	Color Mix Mode	0	0–9 No Function 10–255 Color select
16	Effect 2	0	0–29 Idle 30–44 Static Macro 1 45–59 Static Macro 2 60–74 Static Macro 3 75–89 Static Macro 4 90–104 Static Macro 5 105–119 Static Macro 6 120–134 Static Macro 7 135–149 Static Macro 8 150–164 Static Macro 9 165–179 Static Macro 10 180–194 Static Macro 11 195–209 Static Macro 12 210–224 Static Macro 13 225–239 Static Macro 14 240–254 Static Macro 15 255–255 Static Macro 16

51 CH (continued)

Ch	Function	Default	DMX values
17	Effect	0	0–9 Idle 10–15 Dynamic Macro 1 16–21 Dynamic Macro 2 22–27 Dynamic Macro 3 28–33 Dynamic Macro 4 34–39 Dynamic Macro 5 40–45 Dynamic Macro 6 46–51 Dynamic Macro 7 52–57 Dynamic Macro 8 58–63 Dynamic Macro 9 64–69 Dynamic Macro 10 70–75 Dynamic Macro 11 76–81 Dynamic Macro 12 82–87 Dynamic Macro 13 88–93 Dynamic Macro 14 94–99 Dynamic Macro 15 100–105 Dynamic Macro 16 106–111 Dynamic Macro 17 112–117 Dynamic Macro 18 118–123 Dynamic Macro 19 124–129 Dynamic Macro 20 130–135 Dynamic Macro 21 136–141 Dynamic Macro 22 142–147 Dynamic Macro 23 148–153 Dynamic Macro 24 154–159 Dynamic Macro 25 160–165 Dynamic Macro 26 166–171 Dynamic Macro 27 172–177 Dynamic Macro 28 178–183 Dynamic Macro 29 184–189 Dynamic Macro 30 190–195 Dynamic Macro 31 196–201 Dynamic Macro 32 202–207 Dynamic Macro 33 208–213 Dynamic Macro 34 214–219 Dynamic Macro 35 220–225 Dynamic Macro 36 226–231 Dynamic Macro 37 232–237 Dynamic Macro 38 238–243 Dynamic Macro 39 244–249 Dynamic Macro 40 250–255 Dynamic Macro 41
18	Effects1Pos	31	0–0 Dynamic Effect INDEX -180 1–31 Dynamic Effect INDEX -180>000 32–32 Dynamic Effect INDEX 000 33–62 Dynamic Effect INDEX 000>180 63–63 Dynamic Effect INDEX 180 64–64 Dynamic Effect ROTATE CCW Max 65–158 Dynamic Effect ROTATE CCW Max>000 159–160 Dynamic Effect ROTATE STOP 161–254 Dynamic Effect ROTATE CW 000>Max 255–255 Dynamic Effect ROTATE CW Max
19	Red	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 255
20	Green	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100

51 CH (continued)

Ch	Function	Default	DMX values
21	Blue	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
22	White	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
23	Control1	0	0–25 No Function 26–76 Motor reset 77–127 XY motor reset 128–255 All reset
24	Red	0	
25	Green	0	
26	Blue	0	
27	White	0	
28	Red	0	
29	Green	0	
30	Blue	0	
31	White	0	
32	Red	0	
33	Green	0	
34	Blue	0	
35	White	0	
36	Red	0	
37	Green	0	
38	Blue	0	
39	White	0	
40	Red	0	
41	Green	0	
42	Blue	0	
43	White	0	
44	Red	0	
45	Green	0	
46	Blue	0	
47	White	0	
48	Red	0	
49	Green	0	
50	Blue	0	
51	White	0	

51 CH VIRTUAL DIMMER

51 channels

Ch	Function	Default	DMX values

51 CH VIRTUAL DIMMER (continued)

Ch	Function	Default	DMX values
1	Pan	128	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
2	Pan Fine	128	Fine byte of Pan
3	Tilt	128	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
4	Tilt Fine	128	Fine byte of Tilt
5	Pan Tilt Mode	0	
6	Zoom	128	0–49 100 50–99 075 100–149 050 150–199 025 200–200 000 201–255 Lens Rotation
7	Beam Shaper Pos	0	0–0 Idle 1–31 -100 32–63 -050 64–95 000 96–126 050 127–127 100 128–173 -100 174–188 -050 189–223 000 224–254 050 255–255 100
8	Dimmer	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
9	Shutter / Strobe	255	0–3 CLOSED 4–28 StrobeRate · 000 1–6.09 Hz 29–53 StrobeRate · 025 6.3–11.4 Hz 54–78 StrobeRate · 050 11.6–16.7 Hz 79–102 StrobeRate · 075 16.9–21.8 Hz 103–103 StrobeRate · 100 22 Hz 104–107 OPEN 108–132 PulseRate · 000 1–4.64 Hz 133–157 PulseRate · 025 4.79–8.42 Hz 158–182 PulseRate · 050 8.58–12.2 Hz 183–206 PulseRate · 075 12.4–15.8 Hz 207–207 PulseRate · 100 16 Hz 208–212 OPEN 213–225 Random · 001 8–10.5 Hz 226–238 Random · 050 10.7–13.3 Hz 239–251 Random · 100 13.5–16 Hz 252–255 OPEN
10	Red	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100

51 CH VIRTUAL DIMMER (continued)

Ch	Function	Default	DMX values
11	Green	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
12	Blue	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
13	White	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
14	C TC	0	0–9 No Function 10–255 Warm-Cold White
15	Color Mix Mode	0	0–9 No Function 10–255 Color select
16	Effect 2	0	0–29 Idle 30–44 Static Macro 1 45–59 Static Macro 2 60–74 Static Macro 3 75–89 Static Macro 4 90–104 Static Macro 5 105–119 Static Macro 6 120–134 Static Macro 7 135–149 Static Macro 8 150–164 Static Macro 9 165–179 Static Macro 10 180–194 Static Macro 11 195–209 Static Macro 12 210–224 Static Macro 13 225–239 Static Macro 14 240–254 Static Macro 15 255–255 Static Macro 16

51 CH VIRTUAL DIMMER (continued)

Ch	Function	Default	DMX values
17	Effect	0	0–9 Idle 10–15 Dynamic Macro 1 16–21 Dynamic Macro 2 22–27 Dynamic Macro 3 28–33 Dynamic Macro 4 34–39 Dynamic Macro 5 40–45 Dynamic Macro 6 46–51 Dynamic Macro 7 52–57 Dynamic Macro 8 58–63 Dynamic Macro 9 64–69 Dynamic Macro 10 70–75 Dynamic Macro 11 76–81 Dynamic Macro 12 82–87 Dynamic Macro 13 88–93 Dynamic Macro 14 94–99 Dynamic Macro 15 100–105 Dynamic Macro 16 106–111 Dynamic Macro 17 112–117 Dynamic Macro 18 118–123 Dynamic Macro 19 124–129 Dynamic Macro 20 130–135 Dynamic Macro 21 136–141 Dynamic Macro 22 142–147 Dynamic Macro 23 148–153 Dynamic Macro 24 154–159 Dynamic Macro 25 160–165 Dynamic Macro 26 166–171 Dynamic Macro 27 172–177 Dynamic Macro 28 178–183 Dynamic Macro 29 184–189 Dynamic Macro 30 190–195 Dynamic Macro 31 196–201 Dynamic Macro 32 202–207 Dynamic Macro 33 208–213 Dynamic Macro 34 214–219 Dynamic Macro 35 220–225 Dynamic Macro 36 226–231 Dynamic Macro 37 232–237 Dynamic Macro 38 238–243 Dynamic Macro 39 244–249 Dynamic Macro 40 250–255 Dynamic Macro 41
18	Effects1Pos	31	0–0 Dynamic Effect INDEX -180 1–31 Dynamic Effect INDEX -180>000 32–32 Dynamic Effect INDEX 000 33–62 Dynamic Effect INDEX 000>180 63–63 Dynamic Effect INDEX 180 64–64 Dynamic Effect ROTATE CCW Max 65–158 Dynamic Effect ROTATE CCW Max>000 159–160 Dynamic Effect ROTATE STOP 161–254 Dynamic Effect ROTATE CW 000>Max 255–255 Dynamic Effect ROTATE CW Max
19	Red	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 255
20	Green	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100

51 CH VIRTUAL DIMMER (continued)

Ch	Function	Default	DMX values
21	Blue	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
22	White	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
23	Control1	0	0–25 No Function 26–76 Motor reset 77–127 XY motor reset 128–255 All reset
24	Red	0	
25	Green	0	
26	Blue	0	
27	White	0	
28	Red	0	
29	Green	0	
30	Blue	0	
31	White	0	
32	Red	0	
33	Green	0	
34	Blue	0	
35	White	0	
36	Red	0	
37	Green	0	
38	Blue	0	
39	White	0	
40	Red	0	
41	Green	0	
42	Blue	0	
43	White	0	
44	Red	0	
45	Green	0	
46	Blue	0	
47	White	0	
48	Red	0	
49	Green	0	
50	Blue	0	
51	White	0	