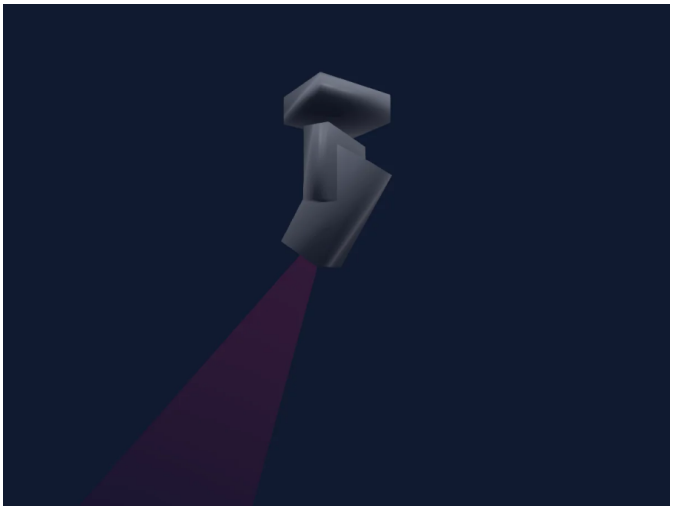
BeamZ Pro

Nereid 700 IP65



Manufacturer	**BeamZ Pro**
Type	**Profile spot**
DMX modes	**2**
DMX footprint	**44, 59 channels**
Beam angle	**5-50°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**240 × 500 × 220 mm**
GDTF fixture type	**D94A6A80-6E33-4944-BC02-31…**

Controls

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

Safety-relevant functions

Fixture reset

DMX modes

44 Ch	44 ch
59 Ch	59 ch

44 Ch

44 channels

Ch	Function	Default	DMX values
1	Pan	128	0–62 -100 63–126 -050 127–190 000 191–254 050 255–255 100
2	Pan Fine	128	Fine byte of Pan
3	Tilt	128	0–62 -100 63–126 -050 127–190 000 191–254 050 255–255 100
4	Tilt Fine	128	Fine byte of Tilt
5	Pan Rotate	0	0–0 Idle 1–63 -100 64–125 -050 126–126 -001 127–129 000 130–191 001 192–254 050 255–255 100
6	Tilt Rotate	0	0–0 Idle 1–63 -100 64–125 -050 126–126 -001 127–129 000 130–191 001 192–254 050 255–255 100
7	Position MSpeed	0	0–0 No Function 1–63 001 64–127 025 128–191 050 192–254 075 255–255 100
8	Dimmer	0	0–62 000 63–126 025 127–190 050 191–254 075 255–255 100
9	Dimmer Fine	0	Fine byte of Dimmer

44 Ch (continued)

Ch	Function	Default	DMX values
10	Shutter / Strobe	255	0–3 Shutter CLOSED 4–28 StrobeRate · 001 1–8.03 Hz 29–53 StrobeRate · 025 8.32–15.4 Hz 54–78 StrobeRate · 050 15.6–22.7 Hz 79–102 StrobeRate · 075 23–29.7 Hz 103–103 StrobeRate · 100 30 Hz 104–107 Open 108–120 StrobePulse · 001 1–5.65 Hz 121–132 StrobePulse · 025 6.04–10.3 Hz 133–144 StrobePulse · 050 10.7–15 Hz 145–156 StrobePulse · 075 15.3–19.6 Hz 157–157 StrobePulse · 100 20 Hz 158–170 StrobePulse Lightning · 001 1–5.65 Hz 171–182 StrobePulse Lightning · 025 6.04–10.3 Hz 183–194 StrobePulse Lightning · 050 10.7–15 Hz 195–206 StrobePulse Lightning · 075 15.3–19.6 Hz 207–207 StrobePulse Lightning · 100 20 Hz 208–212 Open 213–222 Strobe Random · 001 1–5.5 Hz 223–231 Strobe Random · 025 6–10 Hz 232–241 Strobe Random · 050 10.5–15 Hz 242–250 Strobe Random · 075 15.5–19.5 Hz 251–251 Strobe Random · 100 20 Hz 252–255 Open
11	C RIMode	0	0–63 High Output 64–255 High CRI
12	Cyan	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
13	Magenta	0	0–63 000 64–127 025 128–190 050 191–253 075 254–255 100
14	Yellow	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
15	C TC	0	0–63 100 64–127 075 128–191 050 192–254 025 255–255 000

44 Ch (continued)

Ch	Function	Default	DMX values
16	Color Macro1	0	0–3 No Function 4–25 000 26–46 025 47–68 050 69–89 075 90–90 100 91–105 ColorMacro 1 106–120 ColorMacro 2 121–135 ColorMacro 3 136–150 ColorMacro 4 151–165 ColorMacro 5 166–180 ColorMacro 6 181–195 ColorMacro 7 196–210 ColorMacro 8 211–225 ColorMacro 9 226–240 ColorMacro 10 241–255 ColorMacro 11
17	Color Wheel	0	0–7 Slot 0: OPEN (wheel slot 1) 8–23 Slot 1 (wheel slot 2) 24–39 Slot 2 (wheel slot 3) 40–55 Slot 3 (wheel slot 4) 56–71 Slot 4 (wheel slot 5) 72–87 Slot 5 (wheel slot 6) 88–103 Slot 6 (wheel slot 7) 104–115 Slot 7 (wheel slot 8) 116–127 NoFeature (wheel slot 1) 128–158 -100 159–190 -050 191–223 000 224–254 050 255–255 100
18	Gobo 2	0	0–4 Wheel Slot 0: OPEN (wheel slot 1) 5–12 Wheel Slot 1 (wheel slot 2) 13–20 Wheel Slot 2 (wheel slot 3) 21–28 Wheel Slot 3 (wheel slot 4) 29–36 Wheel Slot 4 (wheel slot 5) 37–44 Wheel Slot 5 (wheel slot 6) 45–52 Wheel Slot 6 (wheel slot 7) 53–60 Wheel Slot 7 (wheel slot 8) 61–68 Wheel Slot 8 (wheel slot 9) 69–76 Wheel Slot 9 (wheel slot 10) 77–90 Wheel Slot 1 SHAKE (wheel slot 2) 91–104 Wheel Slot 2 SHAKE (wheel slot 3) 105–118 Wheel Slot 3 SHAKE (wheel slot 4) 119–132 Wheel Slot 4 SHAKE (wheel slot 5) 133–146 Wheel Slot 5 SHAKE (wheel slot 6) 147–160 Wheel Slot 6 SHAKE (wheel slot 7) 161–174 Wheel Slot 7 SHAKE (wheel slot 8) 175–188 Wheel Slot 8 SHAKE (wheel slot 9) 189–201 Wheel Slot 9 SHAKE (wheel slot 10) 202–214 -100 215–227 -050 228–242 000 243–254 050 255–255 100

44 Ch (continued)

Ch	Function	Default	DMX values
19	Gobo	0	0–5 Wheel Slot 0: OPEN (wheel slot 1) 6–15 Wheel Slot 1 (wheel slot 2) 16–25 Wheel Slot 2 (wheel slot 3) 26–35 Wheel Slot 3 (wheel slot 4) 36–45 Wheel Slot 4 (wheel slot 5) 46–55 Wheel Slot 5 (wheel slot 6) 56–65 Wheel Slot 6 (wheel slot 7) 66–75 Wheel Slot 7 (wheel slot 8) 76–92 Wheel Slot 1 SHAKE (wheel slot 2) 93–109 Wheel Slot 2 SHAKE (wheel slot 3) 110–126 Wheel Slot 3 SHAKE (wheel slot 4) 127–143 Wheel Slot 4 SHAKE (wheel slot 5) 144–160 Wheel Slot 5 SHAKE (wheel slot 6) 161–177 Wheel Slot 6 SHAKE (wheel slot 7) 178–199 Wheel Slot 7 SHAKE (wheel slot 8) 200–201 RotateGobo OPEN (wheel slot 1) 202–214 -100 215–227 -050 228–241 000 242–254 050 255–255 100
20	Gobo Rotation	63	0–30 -180 31–61 -90 62–93 000 94–126 90 127–127 180 128–158 -100 159–190 -050 191–222 000 223–254 050 255–255 100
21	Animation Wheel1	0	0–7 Animate1 OPEN (wheel slot 1) 8–37 -180 38–67 -90 68–97 000 98–126 90 127–127 180 128–158 -100 159–189 -050 190–222 000 223–254 050 255–255 100
22	Prism	0	0–63 OPEN (wheel slot 1) 64–255 Prism 1 CIRCULAR (wheel slot 2)
23	Prism Rotation	63	0–31 -180 32–62 -090 63–95 000 96–126 090 127–127 180 128–159 -100 160–190 -050 191–223 000 224–254 050 255–255 100
24	Prism	0	0–63 OPEN (wheel slot 1) 64–255 Prism 2 LINEAR (wheel slot 2)

44 Ch (continued)

Ch	Function	Default	DMX values
25	Prism Rotation	63	0–31 -180 32–62 -090 63–94 000 95–126 090 127–127 180 128–159 -100 160–190 -050 191–223 000 224–254 050 255–255 100
26	Frost1	0	0–63 OPEN 64–255 frost LIGHT
27	Frost2	0	0–63 OPEN 64–255 frost MEDIUM
28	Zoom	128	0–63 -100 64–127 -050 128–191 000 192–254 050 255–255 100
29	Zoom Fine	128	Fine byte of Zoom
30	Focus	128	0–62 000 63–127 025 128–190 050 191–254 075 255–255 100
31	Focus Fine	128	Fine byte of Focus
32	Iris	0	0–63 100 64–127 075 128–191 050 192–254 025 255–255 000
33	Blade4A	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
34	Blade4B	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
35	Blade1A	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
36	Blade1B	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
37	Blade2A	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100

44 Ch (continued)

Ch	Function	Default	DMX values
38	Blade2B	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
39	Blade3A	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
40	Blade3B	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
41	Shaper Rot	128	0–63 -100 64–127 -050 128–191 000 192–254 050 255–255 100
42	Shaper Macros	0	0–7 NoFunction 8–86 FramingShutterMacro1 Auto 000 87–166 FramingShutterMacro1 Auto 050 167–167 FramingShutterMacro1 Auto 100 168–171 FramingShutterMacro1 1 172–175 FramingShutterMacro1 2 176–179 FramingShutterMacro1 3 180–183 FramingShutterMacro1 4 184–187 FramingShutterMacro1 5 188–191 FramingShutterMacro1 6 192–195 FramingShutterMacro1 7 196–199 FramingShutterMacro1 8 200–203 FramingShutterMacro1 9 204–207 FramingShutterMacro1 10 208–211 FramingShutterMacro1 11 212–215 FramingShutterMacro1 12 216–219 FramingShutterMacro1 13 220–223 FramingShutterMacro1 14 224–227 FramingShutterMacro1 15 228–231 FramingShutterMacro1 16 232–235 FramingShutterMacro1 17 236–239 FramingShutterMacro1 18 240–243 FramingShutterMacro1 19 244–247 FramingShutterMacro1 20 248–251 FramingShutterMacro1 21 252–255 FramingShutterMacro1 22
43	Shaper Macros Speed	0	0–63 000 64–127 025 128–190 050 191–254 075 255–255 100
44	Control1	0	0–199 NoFunction 200–209 Effect Reset 210–219 Pan/Tilt Reset 220–255 Reset All

59 Ch

59 channels

Ch	Function	Default	DMX values
1	Pan	128	0–62 -100 63–126 -050 127–190 000 191–254 050 255–255 100
2	Pan Fine	128	Fine byte of Pan
3	Tilt	128	0–62 -100 63–126 -050 127–190 000 191–254 050 255–255 100
4	Tilt Fine	128	Fine byte of Tilt
5	Pan Rotate	0	0–0 Idle 1–63 -100 64–125 -050 126–126 -001 127–129 000 130–191 001 192–254 050 255–255 100
6	Tilt Rotate	0	0–0 Idle 1–63 -100 64–125 -050 126–126 -001 127–129 000 130–191 001 192–254 050 255–255 100
7	Position MSpeed	0	0–0 No Function 1–63 001 64–127 025 128–191 050 192–254 075 255–255 100
8	Dimmer	0	0–62 000 63–126 025 127–190 050 191–254 075 255–255 100
9	Dimmer Fine	0	Fine byte of Dimmer

59 Ch (continued)

Ch	Function	Default	DMX values
10	Shutter / Strobe	255	0–3 Shutter CLOSED 4–28 StrobeRate · 001 1–8.03 Hz 29–53 StrobeRate · 025 8.32–15.4 Hz 54–78 StrobeRate · 050 15.6–22.7 Hz 79–102 StrobeRate · 075 23–29.7 Hz 103–103 StrobeRate · 100 30 Hz 104–107 Open 108–120 StrobePulse · 001 1–5.65 Hz 121–132 StrobePulse · 025 6.04–10.3 Hz 133–144 StrobePulse · 050 10.7–15 Hz 145–156 StrobePulse · 075 15.3–19.6 Hz 157–157 StrobePulse · 100 20 Hz 158–170 StrobePulse Lightning · 001 1–5.65 Hz 171–182 StrobePulse Lightning · 025 6.04–10.3 Hz 183–194 StrobePulse Lightning · 050 10.7–15 Hz 195–206 StrobePulse Lightning · 075 15.3–19.6 Hz 207–207 StrobePulse Lightning · 100 20 Hz 208–212 Open 213–222 Strobe Random · 001 1–5.5 Hz 223–231 Strobe Random · 025 6–10 Hz 232–241 Strobe Random · 050 10.5–15 Hz 242–250 Strobe Random · 075 15.5–19.5 Hz 251–251 Strobe Random · 100 20 Hz 252–255 Open
11	C RIMode	0	0–63 High Output 64–255 High CRI
12	Cyan	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
13	Cyan Fine	0	Fine byte of Cyan
14	Magenta	0	0–63 000 64–127 025 128–190 050 191–253 075 254–255 100
15	Magenta Fine	0	Fine byte of Magenta
16	Yellow	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
17	Yellow Fine	0	Fine byte of Yellow
18	C TC	0	0–63 100 64–127 075 128–191 050 192–254 025 255–255 000
19	C TC Fine	0	Fine byte of C TC

59 Ch (continued)

Ch	Function	Default	DMX values
20	Color Macro1	0	0–3 No Function 4–25 000 26–46 025 47–68 050 69–89 075 90–90 100 91–105 ColorMacro 1 106–120 ColorMacro 2 121–135 ColorMacro 3 136–150 ColorMacro 4 151–165 ColorMacro 5 166–180 ColorMacro 6 181–195 ColorMacro 7 196–210 ColorMacro 8 211–225 ColorMacro 9 226–240 ColorMacro 10 241–255 ColorMacro 11
21	Color Wheel	0	0–7 Slot 0: OPEN (wheel slot 1) 8–23 Slot 1 (wheel slot 2) 24–39 Slot 2 (wheel slot 3) 40–55 Slot 3 (wheel slot 4) 56–71 Slot 4 (wheel slot 5) 72–87 Slot 5 (wheel slot 6) 88–103 Slot 6 (wheel slot 7) 104–115 Slot 7 (wheel slot 8) 116–127 NoFeature (wheel slot 1) 128–158 -100 159–190 -050 191–223 000 224–254 050 255–255 100
22	Gobo 2	0	0–4 Wheel Slot 0: OPEN (wheel slot 1) 5–12 Wheel Slot 1 (wheel slot 2) 13–20 Wheel Slot 2 (wheel slot 3) 21–28 Wheel Slot 3 (wheel slot 4) 29–36 Wheel Slot 4 (wheel slot 5) 37–44 Wheel Slot 5 (wheel slot 6) 45–52 Wheel Slot 6 (wheel slot 7) 53–60 Wheel Slot 7 (wheel slot 8) 61–68 Wheel Slot 8 (wheel slot 9) 69–76 Wheel Slot 9 (wheel slot 10) 77–90 Wheel Slot 1 SHAKE (wheel slot 2) 91–104 Wheel Slot 2 SHAKE (wheel slot 3) 105–118 Wheel Slot 3 SHAKE (wheel slot 4) 119–132 Wheel Slot 4 SHAKE (wheel slot 5) 133–146 Wheel Slot 5 SHAKE (wheel slot 6) 147–160 Wheel Slot 6 SHAKE (wheel slot 7) 161–174 Wheel Slot 7 SHAKE (wheel slot 8) 175–188 Wheel Slot 8 SHAKE (wheel slot 9) 189–201 Wheel Slot 9 SHAKE (wheel slot 10) 202–214 -100 215–227 -050 228–242 000 243–254 050 255–255 100

59 Ch (continued)

Ch	Function	Default	DMX values
23	Gobo	0	0–5 Wheel Slot 0: OPEN (wheel slot 1) 6–15 Wheel Slot 1 (wheel slot 2) 16–25 Wheel Slot 2 (wheel slot 3) 26–35 Wheel Slot 3 (wheel slot 4) 36–45 Wheel Slot 4 (wheel slot 5) 46–55 Wheel Slot 5 (wheel slot 6) 56–65 Wheel Slot 6 (wheel slot 7) 66–75 Wheel Slot 7 (wheel slot 8) 76–92 Wheel Slot 1 SHAKE (wheel slot 2) 93–109 Wheel Slot 2 SHAKE (wheel slot 3) 110–126 Wheel Slot 3 SHAKE (wheel slot 4) 127–143 Wheel Slot 4 SHAKE (wheel slot 5) 144–160 Wheel Slot 5 SHAKE (wheel slot 6) 161–177 Wheel Slot 6 SHAKE (wheel slot 7) 178–199 Wheel Slot 7 SHAKE (wheel slot 8) 200–201 RotateGobo OPEN (wheel slot 1) 202–214 -100 215–227 -050 228–241 000 242–254 050 255–255 100
24	Gobo Rotation	63	0–30 -180 31–61 -90 62–93 000 94–126 90 127–127 180 128–158 -100 159–190 -050 191–222 000 223–254 050 255–255 100
25	Gobo Rotation Fine	0	Fine byte of Gobo Rotation
26	Animation Wheel1	0	0–7 Animate1 OPEN (wheel slot 1) 8–37 000 38–67 025 68–97 050 98–126 075 127–127 100 128–158 -100 159–190 -050 191–191 -001 192–222 001 223–254 050 255–255 100
27	Prism	0	0–63 OPEN (wheel slot 1) 64–255 Prism 1 LINEAR (wheel slot 2)
28	Prism Rotation	63	0–31 -180 32–62 -090 63–95 000 96–126 090 127–127 180 128–159 -100 160–190 -050 191–223 000 224–254 050 255–255 100
29	Prism	0	0–63 OPEN (wheel slot 1) 64–255 Prism 2 CIRCULAR (wheel slot 2)

59 Ch (continued)

Ch	Function	Default	DMX values
30	Prism Rotation	63	0–31 -180 32–62 -090 63–94 000 95–126 090 127–127 180 128–159 -100 160–190 -050 191–223 000 224–254 050 255–255 100
31	Frost1	0	0–63 OPEN 64–255 frost LIGHT
32	Frost2	0	0–63 OPEN 64–255 frost MEDIUM
33	Zoom	128	0–63 -100 64–127 -050 128–191 000 192–254 050 255–255 100
34	Zoom Fine	128	Fine byte of Zoom
35	Focus	128	0–62 000 63–127 025 128–190 050 191–254 075 255–255 100
36	Focus Fine	128	Fine byte of Focus
37	Iris	0	0–63 100 64–127 075 128–191 050 192–254 025 255–255 000
38	Iris Fine	0	Fine byte of Iris
39	Blade4A	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
40	Blade4A Fine	0	Fine byte of Blade4A
41	Blade4B	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
42	Blade4B Fine	0	Fine byte of Blade4B
43	Blade1A	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
44	Blade1A Fine	0	Fine byte of Blade1A
45	Blade1B	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
46	Blade1B Fine	0	Fine byte of Blade1B

59 Ch (continued)

Ch	Function	Default	DMX values
47	Blade2A	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
48	Blade2A Fine	0	Fine byte of Blade2A
49	Blade2B	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
50	Blade2B Fine	0	Fine byte of Blade2B
51	Blade3A	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
52	Blade3A Fine	0	Fine byte of Blade3A
53	Blade3B	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
54	Blade3B Fine	0	Fine byte of Blade3B
55	Shaper Rot	128	0–63 -100 64–127 -050 128–191 000 192–254 050 255–255 100
56	Shaper Rot Fine	128	Fine byte of Shaper Rot
57	Shaper Macros	0	0–7 NoFunction 8–86 FramingShutterMacro1 Auto 000 87–166 FramingShutterMacro1 Auto 050 167–167 FramingShutterMacro1 Auto 100 168–171 FramingShutterMacro1 1 172–175 FramingShutterMacro1 2 176–179 FramingShutterMacro1 3 180–183 FramingShutterMacro1 4 184–187 FramingShutterMacro1 5 188–191 FramingShutterMacro1 6 192–195 FramingShutterMacro1 7 196–199 FramingShutterMacro1 8 200–203 FramingShutterMacro1 9 204–207 FramingShutterMacro1 10 208–211 FramingShutterMacro1 11 212–215 FramingShutterMacro1 12 216–219 FramingShutterMacro1 13 220–223 FramingShutterMacro1 14 224–227 FramingShutterMacro1 15 228–231 FramingShutterMacro1 16 232–235 FramingShutterMacro1 17 236–239 FramingShutterMacro1 18 240–243 FramingShutterMacro1 19 244–247 FramingShutterMacro1 20 248–251 FramingShutterMacro1 21 252–255 FramingShutterMacro1 22

59 Ch (continued)

Ch	Function	Default	DMX values
58	Shaper Macros Speed	0	0–63 000 64–127 025 128–190 050 191–254 075 255–255 100
59	Control1	0	0–199 NoFunction 200–209 Effect Reset 210–219 Pan/Tilt Reset 220–255 Reset All