BeamZ Pro

Nereid 500 IP65



Manufacturer	**BeamZ Pro**
Type	**Moving head**
DMX modes	**1**
DMX footprint	**29 channels**
Beam angle	**2-42°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**240 × 450 × 220 mm**
GDTF fixture type	**3DC17E70-CBE7-43DC-AD3E-7…**

Controls

Focus · Frost · 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

29 Channels 29 ch

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Ch	Function	Default	DMX values
1	Pan	128	0–62 000 63–126 025 127–190 050 191–254 075 255–255 100
2	Pan Fine	128	Fine byte of Pan
3	Tilt	128	0–62 000 63–126 025 127–190 050 191–254 075 255–255 100
4	Tilt Fine	128	Fine byte of Tilt
5	Position MSpeed	0	0–0 No Function 1–127 000 128–254 050 255–255 100
6	Dimmer	0	0–62 000 63–126 025 127–190 050 191–254 075 255–255 100
7	Dimmer Fine	0	Fine byte of Dimmer
8	Shutter / Strobe	255	0–3 Shutter CLOSED 4–28 StrobeRate · 001 1–9 Hz 29–53 StrobeRate · 025 9.33–17.3 Hz 54–78 StrobeRate · 050 17.7–25.7 Hz 79–102 StrobeRate · 075 26–33.7 Hz 103–103 StrobeRate · 100 34 Hz 104–107 OPEN 108–120 StrobePulse Open · 100 17–13.1 Hz 121–132 StrobePulse Open · 075 12.8–9.16 Hz 133–144 StrobePulse Open · 050 8.84–5.24 Hz 145–156 StrobePulse Open · 025 4.92–1.33 Hz 157–157 StrobePulse Open · 001 1 Hz 158–170 StrobePulse Close · 100 17–13.1 Hz 171–182 StrobePulse Close · 075 12.8–9.16 Hz 183–194 StrobePulse Close · 050 8.84–5.24 Hz 195–206 StrobePulse Close · 025 4.92–1.33 Hz 207–207 StrobePulse Close · 001 1 Hz 208–212 OPEN 213–222 Strobe Random · 001 1–4.79 Hz 223–231 Strobe Random · 025 5.21–8.58 Hz 232–241 Strobe Random · 050 9–12.8 Hz 242–250 Strobe Random · 075 13.2–16.6 Hz 251–251 Strobe Random · 100 17 Hz 252–255 OPEN

29 Channels (continued)

Ch	Function	Default	DMX values
9	Color Wheel	0	0–4 Wheel Slot 0: OPEN (wheel slot 1) 5–9 Split Color 0/1: Open/Red (wheel slot 2) 10–14 Wheel Slot 1: Red (wheel slot 2) 15–19 Split Color 1/2: Red/Green (wheel slot 3) 20–24 Wheel Slot 2: Green (wheel slot 3) 25–29 Split Color 2/3: Green/Yellow (wheel slot 4) 30–34 Wheel Slot 3: Yellow (wheel slot 4) 35–39 Split Color 3/4: Yellow/Indigo (wheel slot 5) 40–44 Wheel Slot 4: Indigo (wheel slot 5) 45–49 Split Color 4/5:Indigo/Magenta (wheel slot 6) 50–54 Wheel Slot 5:: Magenta (wheel slot 6) 55–59 Split Color 5/6: Magenta/Orange (wheel slot 7) 60–64 Wheel Slot 6: Orange (wheel slot 7) 65–69 Split Color 6/7: Orange/Lavender (wheel slot 8) 70–74 Wheel Slot 7: Lavender (wheel slot 8) 75–79 Split Color 7/8: Lavender/Cyan (wheel slot 9) 80–84 Wheel Slot 8: Cyan (wheel slot 9) 85–89 Split Color 8/9: Cyan/LimeGreen (wheel slot 10) 90–94 Wheel Slot 9: LimeGreen (wheel slot 10) 95–99 Split Color 9/10: LimeGreen/Pink (wheel slot 11) 100–104 Wheel Slot 10: Pink (wheel slot 11) 105–109 Split Color 10/11: Pink/CTO1 (wheel slot 12) 110–114 Wheel Slot 11: CTO1 (wheel slot 12) 115–119 Split Color 11/12: CTO1/CTB1 (wheel slot 13) 120–124 Wheel Slot 12: CTB1 (wheel slot 13) 125–127 Split Color 12/0: CTB1/White (wheel slot 1) 128–158 CCW -060 159–189 CCW -030 190–190 CCW -001 191–192 STOP 193–223 CW 001 224–254 CW 030 255–255 CW 060
10	Cyan	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
11	Magenta	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
12	Yellow	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
13	C TO	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100

29 Channels (continued)

Ch	Function	Default	DMX values
14	Color Macro1	0	0–8 No Function 10–19 ColorMacro 1 20–29 ColorMacro 2 30–39 ColorMacro 3 40–49 ColorMacro 4 50–59 ColorMacro 5 60–69 ColorMacro 6 70–79 ColorMacro 7 80–89 ColorMacro 8 90–99 ColorMacro 9 100–109 ColorMacro 10 110–119 ColorMacro 11 120–129 ColorMacro 12 130–139 ColorMacro 13 140–149 ColorMacro 14 150–159 ColorMacro 15 160–169 ColorMacro 16 170–179 ColorMacro 17 180–189 ColorMacro 18 190–199 ColorMacro 19 200–209 ColorMacro 20 210–219 ColorMacro 21 220–229 ColorMacro 22 230–239 ColorMacro 23 240–249 ColorMacro 24 250–255 ColorMacro 25
15	Gobo 2	0	0–4 FixedGobo 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) 77–84 Wheel Slot 10 (wheel slot 11) 85–92 Wheel Slot 11 (wheel slot 12) 93–102 Wheel Slot 12 (wheel slot 13) 103–110 Wheel Slot 1 SHAKE (wheel slot 2) 111–118 Wheel Slot 2 SHAKE (wheel slot 3) 119–126 Wheel Slot 3 SHAKE (wheel slot 4) 127–134 Wheel Slot 4 SHAKE (wheel slot 5) 135–142 Wheel Slot 5 SHAKE (wheel slot 6) 143–150 Wheel Slot 6 SHAKE (wheel slot 7) 151–158 Wheel Slot 7 SHAKE (wheel slot 8) 159–166 Wheel Slot 8 SHAKE (wheel slot 9) 167–174 Wheel Slot 9 SHAKE (wheel slot 10) 175–182 Wheel Slot 10 SHAKE (wheel slot 11) 183–190 Wheel Slot 11 SHAKE (wheel slot 12) 191–199 Wheel Slot 12 SHAKE (wheel slot 13) 200–201 FixedGobo OPEN (wheel slot 1) 202–214 CCW -060 215–227 CCW -030 228–242 STOP 243–254 CW 030 255–255 CW 060

29 Channels (continued)

Ch	Function	Default	DMX values
16	Animation Wheel1	0	0–4 Animate1 OPEN (wheel slot 1) 5–35 -180 36–65 -90 66–96 000 97–126 90 127–127 180 128–158 Animate1 Oscillate 001 159–189 Animate1 Oscillate 015 190–222 Animate1 Oscillate 030 223–254 Animate1 Oscillate 045 255–255 Animate1 Oscillate 060
17	Gobo	0	0–5 RotateGobo OPEN (wheel slot 1) 6–15 Wheel Slot 2 (wheel slot 2) 16–25 Wheel Slot 3 (wheel slot 3) 26–35 Wheel Slot 4 (wheel slot 4) 36–45 Wheel Slot 5 (wheel slot 5) 46–55 Wheel Slot 6 (wheel slot 6) 56–65 Wheel Slot 7 (wheel slot 7) 66–75 Wheel Slot 8 (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 CCW -060 215–227 CCW -030 228–241 STOP 242–254 CW 030 255–255 CW 060
18	Gobo Rotation	63	0–30 -180 31–61 -90 62–93 000 94–126 90 127–127 180 128–158 CCW -060 159–190 CCW -030 191–222 STOP 223–254 CW 030 255–255 CW 060
19	Gobo Rotation Fine	0	Fine byte of Gobo Rotation
20	Prism	0	0–63 No Function (wheel slot 1) 64–255 Prism 1 CIRCULAR (wheel slot 2)
21	Prism Rotation	63	0–31 -180 32–62 -090 63–95 000 96–126 090 127–127 180 128–159 CCW -060 160–190 CCW -030 191–223 STOP 224–254 CW 030 255–255 CW 060
22	Prism	0	0–63 No Function (wheel slot 1) 64–255 Prism 2 LINEAR (wheel slot 2)

29 Channels (continued)

Ch	Function	Default	DMX values
23	Prism Rotation	63	0–31 -180 32–62 -090 63–94 000 95–126 090 127–127 180 128–159 CCW -060 160–190 CCW -030 191–223 000 224–254 CW 030 255–255 CW 060
24	Frost1	0	0–63 Frost OPEN 64–255 Frost MAX
25	Zoom	128	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
26	Zoom Fine	128	Fine byte of Zoom
27	Focus	128	0–62 000 63–127 025 128–190 050 191–254 075 255–255 100
28	Focus Fine	128	Fine byte of Focus
29	Control1	0	200–209 Effect Reset 210–219 Pan/Tilt Reset 220–255 Reset All