BeamZ Pro

DOT BAR Cyc1 IP65



Manufacturer	**BeamZ Pro**
Type	**Moving head**
DMX modes	**9**
DMX footprint	**3, 7, 8, 11 channels**
Beam angle	**21°**
Tilt range	**180°**
Size (W × H × D)	**998 × 173 × 95 mm**
GDTF fixture type	**AD1F5E62-7675-475A-AB86-D7…**

Controls

Hue and saturation · RGB colour mixing · Colour temperature · Colour wheel · Effect speed · Strobe · Dimmer

Safety-relevant functions

Built-in effect programmes

DMX modes

3 Ch HSV	3 ch
48 Ch + Virtual Dimmer	3 ch
48 Ch 16 Zone	3 ch
48 Ch RAW 16 Zone	3 ch
7 Ch Single	7 ch
53 Ch 16 Zone	8 ch
53 Ch + Virtual Dimmer 16 Zone	8 ch
53 Ch RAW 16 Zone	8 ch
11 Ch Single	11 ch

3 Ch HSV

3 channels

Ch	Function	Default	DMX values
1	H SBHue	0	0–63 000 64–127 090 128–191 180 192–254 270 255–255 360
2	H SBSaturation	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
3	H SBBrightness	0	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100

48 Ch + Virtual Dimmer

3 channels

Ch	Function	Default	DMX values
1	Red	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
2	Green	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
3	Blue	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100

48 Ch 16 Zone

3 channels

Ch	Function	Default	DMX values
1	Red	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
2	Green	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
3	Blue	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100

48 Ch RAW 16 Zone

3 channels

Ch	Function	Default	DMX values
1	Red	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
2	Green	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
3	Blue	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100

7 Ch Single

7 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–62 000 63–126 025 127–190 050 191–254 075 255–255 100
2	Dimmer Curve	0	0–69 Curve 0: Linear 70–139 Curve 1: S-Curve 140–209 Curve 2: Inv Squ Law 210–255 Curve 3: Square Law
3	Dimmer Mode	0	0–127 LED 128–255 Tungsten
4	Red	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
5	Green	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
6	Blue	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100

7 Ch Single (continued)

Ch	Function	Default	DMX values
7	Shutter / Strobe	0	0–9 OPEN 10–19 StrobeRate · 001 1–1.48 Hz 20–29 StrobeRate · 002 1.53–2.01 Hz 30–39 StrobeRate · 003 2.06–2.54 Hz 40–49 StrobeRate · 004 2.59–3.07 Hz 50–59 StrobeRate · 005 3.12–3.6 Hz 60–69 StrobeRate · 006 3.65–4.13 Hz 70–79 StrobeRate · 007 4.18–4.66 Hz 80–89 StrobeRate · 008 4.71–5.19 Hz 90–99 StrobeRate · 009 5.24–5.72 Hz 100–109 StrobeRate · 010 5.78–6.25 Hz 110–119 StrobeRate · 011 6.31–6.78 Hz 120–129 StrobeRate · 012 6.84–7.31 Hz 130–139 StrobeRate · 013 7.37–7.84 Hz 140–149 StrobeRate · 014 7.9–8.38 Hz 150–159 StrobeRate · 015 8.43–8.91 Hz 160–169 StrobeRate · 016 8.96–9.44 Hz 170–179 StrobeRate · 017 9.49–9.97 Hz 180–189 StrobeRate · 018 10–10.5 Hz 190–199 StrobeRate · 019 10.6–11 Hz 200–255 StrobeRate · 020 11.1–14 Hz

53 Ch 16 Zone

8 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–62 000 63–126 025 127–190 050 191–254 075 255–255 100
2	Dimmer Curve	0	0–69 Curve 0: Linear 70–139 Curve 1: S-Curve 140–209 Curve 2: Inv Squ Law 210–255 Curve 3: Square Law
3	Dimmer Mode	0	0–127 LED 128–255 Tungsten
4	Effect	0	0–7 Wheel Slot 0 OPEN (wheel slot 1) 8–27 Wheel Slot 1 (wheel slot 2) 28–47 Wheel Slot 2 (wheel slot 3) 48–67 Wheel Slot 3 (wheel slot 4) 68–87 Wheel Slot 4 (wheel slot 5) 88–108 Wheel Slot 5 (wheel slot 6) 109–127 Wheel Slot 6 (wheel slot 7) 128–147 Wheel Slot 7 (wheel slot 8) 148–167 Wheel Slot 8 (wheel slot 9) 168–187 Wheel Slot 9 (wheel slot 10) 188–208 Wheel Slot 10 (wheel slot 11) 209–227 Wheel Slot 11 (wheel slot 12) 228–247 Wheel Slot 12 (wheel slot 13) 248–255 Wheel Slot 13 (wheel slot 14)
5	Effect Speed	0	0–0 000 1–63 001 64–127 025 128–191 050 192–254 075 255–255 100

53 Ch 16 Zone (continued)

Ch	Function	Default	DMX values
6	Red	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
7	Green	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
8	Blue	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100

53 Ch + Virtual Dimmer 16 Zone

8 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–62 000 63–126 025 127–190 050 191–254 075 255–255 100
2	Dimmer Curve	0	0–69 Curve 0: Linear 70–139 Curve 1: S-Curve 140–209 Curve 2: Inv Squ Law 210–255 Curve 3: Square Law
3	Dimmer Mode	0	0–127 LED 128–255 Tungsten
4	Effect	0	0–7 Wheel Slot 0 OPEN (wheel slot 1) 8–27 Wheel Slot 1 (wheel slot 2) 28–47 Wheel Slot 2 (wheel slot 3) 48–67 Wheel Slot 3 (wheel slot 4) 68–87 Wheel Slot 4 (wheel slot 5) 88–108 Wheel Slot 5 (wheel slot 6) 109–127 Wheel Slot 6 (wheel slot 7) 128–147 Wheel Slot 7 (wheel slot 8) 148–167 Wheel Slot 8 (wheel slot 9) 168–187 Wheel Slot 9 (wheel slot 10) 188–208 Wheel Slot 10 (wheel slot 11) 209–227 Wheel Slot 11 (wheel slot 12) 228–247 Wheel Slot 12 (wheel slot 13) 248–255 Wheel Slot 13 (wheel slot 14)
5	Effect Speed	0	0–0 000 1–63 001 64–127 025 128–191 050 192–254 075 255–255 100
6	Red	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100

53 Ch + Virtual Dimmer 16 Zone (continued)

Ch	Function	Default	DMX values
7	Green	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
8	Blue	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100

53 Ch RAW 16 Zone

8 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–62 000 63–126 025 127–190 050 191–254 075 255–255 100
2	Dimmer Curve	0	0–69 Curve 0: Linear 70–139 Curve 1: S-Curve 140–209 Curve 2: Inv Squ Law 210–255 Curve 3: Square Law
3	Dimmer Mode	0	0–127 LED 128–255 Tungsten
4	Effect	0	0–7 Wheel Slot 0 OPEN (wheel slot 1) 8–27 Wheel Slot 1 (wheel slot 2) 28–47 Wheel Slot 2 (wheel slot 3) 48–67 Wheel Slot 3 (wheel slot 4) 68–87 Wheel Slot 4 (wheel slot 5) 88–108 Wheel Slot 5 (wheel slot 6) 109–127 Wheel Slot 6 (wheel slot 7) 128–147 Wheel Slot 7 (wheel slot 8) 148–167 Wheel Slot 8 (wheel slot 9) 168–187 Wheel Slot 9 (wheel slot 10) 188–208 Wheel Slot 10 (wheel slot 11) 209–227 Wheel Slot 11 (wheel slot 12) 228–247 Wheel Slot 12 (wheel slot 13) 248–255 Wheel Slot 13 (wheel slot 14)
5	Effect Speed	0	0–0 000 1–63 001 64–127 025 128–191 050 192–254 075 255–255 100
6	Red	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
7	Green	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100

53 Ch RAW 16 Zone (continued)

Ch	Function	Default	DMX values
8	Blue	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100

11 Ch Single

11 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–62 000 63–126 025 127–190 050 191–254 075 255–255 100
2	Dimmer Curve	0	0–69 Curve 0: Linear 70–139 Curve 1: S-Curve 140–209 Curve 2: Inv Squ Law 210–255 Curve 3: Square Law
3	Dimmer Mode	0	0–127 LED 128–255 Tungsten
4	Red	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
5	Green	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
6	Blue	255	0–63 000 64–127 025 128–191 050 192–254 075 255–255 100
7	Shutter / Strobe	0	0–9 OPEN 10–19 StrobeRate · 001 1–1.48 Hz 20–29 StrobeRate · 002 1.53–2.01 Hz 30–39 StrobeRate · 003 2.06–2.54 Hz 40–49 StrobeRate · 004 2.59–3.07 Hz 50–59 StrobeRate · 005 3.12–3.6 Hz 60–69 StrobeRate · 006 3.65–4.13 Hz 70–79 StrobeRate · 007 4.18–4.66 Hz 80–89 StrobeRate · 008 4.71–5.19 Hz 90–99 StrobeRate · 009 5.24–5.72 Hz 100–109 StrobeRate · 010 5.78–6.25 Hz 110–119 StrobeRate · 011 6.31–6.78 Hz 120–129 StrobeRate · 012 6.84–7.31 Hz 130–139 StrobeRate · 013 7.37–7.84 Hz 140–149 StrobeRate · 014 7.9–8.38 Hz 150–159 StrobeRate · 015 8.43–8.91 Hz 160–169 StrobeRate · 016 8.96–9.44 Hz 170–179 StrobeRate · 017 9.49–9.97 Hz 180–189 StrobeRate · 018 10–10.5 Hz 190–199 StrobeRate · 019 10.6–11 Hz 200–255 StrobeRate · 020 11.1–14 Hz

11 Ch Single (continued)

Ch	Function	Default	DMX values
8	Color Wheel	0	0–3 Wheel Slot 0 OPEN (wheel slot 1) 4–7 Wheel Slot 1 (wheel slot 2) 8–11 Wheel Slot 2 (wheel slot 3) 12–15 Wheel Slot 3 (wheel slot 4) 16–19 Wheel Slot 4 (wheel slot 5) 20–23 Wheel Slot 5 (wheel slot 6) 24–27 Wheel Slot 6 (wheel slot 7) 28–32 Wheel Slot 7 (wheel slot 8) 33–36 Wheel Slot 8 (wheel slot 9) 37–40 Wheel Slot 9 (wheel slot 10) 41–44 Wheel Slot 10 (wheel slot 11) 45–48 Wheel Slot 11 (wheel slot 12) 49–52 Wheel Slot 12 (wheel slot 13) 53–56 Wheel Slot 13 (wheel slot 14) 57–60 Wheel Slot 14 (wheel slot 15) 61–64 Wheel Slot 15 (wheel slot 16) 65–68 Wheel Slot 16 (wheel slot 17) 69–72 Wheel Slot 17 (wheel slot 18) 73–76 Wheel Slot 18 (wheel slot 19) 77–80 Wheel Slot 19 (wheel slot 20) 81–84 Wheel Slot 20 (wheel slot 21) 85–88 Wheel Slot 21 (wheel slot 22) 89–92 Wheel Slot 22 (wheel slot 23) 93–97 Wheel Slot 23 (wheel slot 24) 98–101 Wheel Slot 24 (wheel slot 25) 102–105 Wheel Slot 25 (wheel slot 26) 106–109 Wheel Slot 26 (wheel slot 27) 110–113 Wheel Slot 27 (wheel slot 28) 114–117 Wheel Slot 28 (wheel slot 29) 118–121 Wheel Slot 29 (wheel slot 30) 122–125 Wheel Slot 30 (wheel slot 31) 126–129 Wheel Slot 31 (wheel slot 32) 130–133 Wheel Slot 32 (wheel slot 33) 134–137 Wheel Slot 33 (wheel slot 34) 138–141 Wheel Slot 34 (wheel slot 35) 142–145 Wheel Slot 35 (wheel slot 36) 146–149 Wheel Slot 36 (wheel slot 37) 150–153 Wheel Slot 37 (wheel slot 38) 154–157 Wheel Slot 38 (wheel slot 39) 158–162 Wheel Slot 39 (wheel slot 40) 163–166 Wheel Slot 40 (wheel slot 41) 167–170 Wheel Slot 41 (wheel slot 42) 171–174 Wheel Slot 42 (wheel slot 43) 175–178 Wheel Slot 43 (wheel slot 44) 179–182 Wheel Slot 44 (wheel slot 45) 183–186 Wheel Slot 45 (wheel slot 46) 187–190 Wheel Slot 46 (wheel slot 47) 191–194 Wheel Slot 47 (wheel slot 48) 195–198 Wheel Slot 48 (wheel slot 49) 199–202 Wheel Slot 49 (wheel slot 50) 203–206 Wheel Slot 50 (wheel slot 51) 207–210 Wheel Slot 51 (wheel slot 52) 211–214 Wheel Slot 52 (wheel slot 53) 215–218 Wheel Slot 53 (wheel slot 54) 219–222 Wheel Slot 54 (wheel slot 55) 223–227 Wheel Slot 55 (wheel slot 56) 228–231 Wheel Slot 56 (wheel slot 57) 232–235 Wheel Slot 57 (wheel slot 58) 236–239 Wheel Slot 58 (wheel slot 59) 240–243 Wheel Slot 59 (wheel slot 60) 244–247 Wheel Slot 60 (wheel slot 61) 248–251 Wheel Slot 61 (wheel slot 62) 252–255 Wheel Slot 62 (wheel slot 63)

11 Ch Single (continued)

Ch	Function	Default	DMX values
9	C TC	0	0–15 No Function 16–35 2000 36–55 3200 56–75 3500 76–95 4000 96–115 4500 116–135 5000 136–155 5600 156–175 6000 176–195 6500 196–215 7000 216–235 7500 236–255 8000
10	Effect	0	0–7 Wheel Slot 0 OPEN (wheel slot 1) 8–27 Wheel Slot 1 (wheel slot 2) 28–47 Wheel Slot 2 (wheel slot 3) 48–67 Wheel Slot 3 (wheel slot 4) 68–87 Wheel Slot 4 (wheel slot 5) 88–108 Wheel Slot 5 (wheel slot 6) 109–127 Wheel Slot 6 (wheel slot 7) 128–147 Wheel Slot 7 (wheel slot 8) 148–167 Wheel Slot 8 (wheel slot 9) 168–187 Wheel Slot 9 (wheel slot 10) 188–208 Wheel Slot 10 (wheel slot 11) 209–227 Wheel Slot 11 (wheel slot 12) 228–247 Wheel Slot 12 (wheel slot 13) 248–255 Wheel Slot 13 (wheel slot 14)
11	Effect Speed	0	0–0 000 1–63 001 64–127 025 128–191 050 192–254 075 255–255 100