BeamZ Pro

Tiger 9R



Manufacturer	**BeamZ Pro**
Type	**Moving head**
DMX modes	**2**
DMX footprint	**16, 19 channels**
Beam angle	**1°**
Pan range	**540°**
Tilt range	**220°**
Size (W × H × D)	**175 × 300 × 207 mm**
GDTF fixture type	**983FFC4C-C6B3-4E90-86CE-F87…**

Controls

Focus · Frost · Prism · Prism rotation · Colour wheel · Strobe · Dimmer · Movement speed · Gobos

Safety-relevant functions

Lamp on and off · Fixture reset

DMX modes

16 Ch	16 ch
19 Ch	19 ch

16 Ch

16 channels

Ch	Function	Default	DMX values
1	Color Wheel	0	0–4 OPEN (wheel slot 1) 5–9 Open/Red (wheel slot 2) 10–14 Red (wheel slot 2) 15–19 Red/Orange (wheel slot 3) 20–24 Orange (wheel slot 3) 25–29 Orange/Aquamarine (wheel slot 4) 30–34 Aquamarine (wheel slot 4) 35–39 Aquamarine/Green (wheel slot 5) 40–44 Green (wheel slot 5) 45–49 Green/CTO1 (wheel slot 6) 50–54 CTO1 (wheel slot 6) 55–59 CTO1/Violet (wheel slot 7) 60–64 Violet (wheel slot 7) 65–69 Violet/Pink (wheel slot 8) 70–74 Pink (wheel slot 8) 75–79 Pink/Cyan (wheel slot 9) 80–84 Cyan (wheel slot 9) 85–89 Cyan/Yellow (wheel slot 10) 90–94 Yellow (wheel slot 10) 95–99 Yellow/LightGreen (wheel slot 11) 100–104 LightGreen (wheel slot 11) 105–109 LightGreen/Magenta (wheel slot 12) 110–114 Magenta (wheel slot 12) 115–119 Magenta/Lavender (wheel slot 13) 120–124 Lavender (wheel slot 13) 125–129 Lavender/CTO2 (wheel slot 14) 130–134 CTO2 (wheel slot 14) 135–139 CTO/CTB (wheel slot 15) 140–144 CTB (wheel slot 15) 145–149 CTB/Open (wheel slot 1) 150–150 Color1Rotate CW slow (wheel slot 1) 151–199 Color1Rotate CW slow>fast (wheel slot 1) 200–200 Color1Rotate CW fast (wheel slot 1) 201–201 Color1Rotate CCW fast>slow (wheel slot 1) 202–254 Color1Rotate CCW fast (wheel slot 1) 255–255 Color1Rotate CCW slow (wheel slot 1)
2	Shutter / Strobe	255	0–3 shutter CLOSED 4–53 strobe Min 54–102 strobe Medium 103–103 strobe Max 104–107 shutter OPEN 108–157 strobePulse Min 158–206 strobePulse Medium 207–207 strobePulse Max 208–212 shutter OPEN 213–231 strobeRandom Min 232–250 strobeRandom Medium 251–254 strobeRandom Max 255–255 shutter OPEN
3	Dimmer	0	0–63 000% 64–127 025% 128–191 050% 192–254 075% 255–255 100%

16 Ch (continued)

Ch	Function	Default	DMX values
4	Gobo	0	0–4 Gobo OPEN (wheel slot 1) 5–9 Gobo 1 (wheel slot 2) 10–14 Gobo 2 (wheel slot 3) 15–19 Gobo 3 (wheel slot 4) 20–24 Gobo 4 (wheel slot 5) 25–29 Gobo 5 (wheel slot 6) 30–34 Gobo 6 (wheel slot 7) 35–39 Gobo 7 (wheel slot 8) 40–44 Gobo 8 (wheel slot 9) 45–49 Gobo 9 (wheel slot 10) 50–54 Gobo 10 (wheel slot 11) 55–59 Gobo 11 (wheel slot 12) 60–64 Gobo 12 (wheel slot 13) 65–69 Gobo 13 (wheel slot 14) 70–74 Gobo Shake 1 (wheel slot 1) 75–79 Gobo Shake 2 (wheel slot 2) 80–84 Gobo Shake 3 (wheel slot 3) 85–89 Gobo Shake 4 (wheel slot 4) 90–94 Gobo Shake 5 (wheel slot 5) 95–99 Gobo Shake 6 (wheel slot 6) 100–104 Gobo Shake 7 (wheel slot 7) 105–109 Gobo Shake 8 (wheel slot 8) 110–114 Gobo Shake 9 (wheel slot 9) 115–119 Gobo Shake 10 (wheel slot 10) 120–124 Gobo Shake 11 (wheel slot 11) 125–129 Gobo Shake 12 (wheel slot 12) 130–134 Gobo Shake 13 (wheel slot 13) 135–139 Gobo Shake 14 (wheel slot 14) 140–140 Gobo1Rotate CW fast 141–199 Gobo1Rotate CW fast>slow 200–200 Gobo1Rotate CW slow 201–201 Gobo1Rotate CCW slow 202–254 Gobo1Rotate CCW slow>fast 255–255 Gobo1Rotate CCW fast
5	Prism	0	0–127 prism1 OPEN (wheel slot 1) 128–255 prism1 8-facet CIRCULAR (wheel slot 2)
6	Prism Rotation	64	0–62 prism1 Index 000>180 63–64 prism1 Index 000 65–127 prism1 Index -180>000 128–190 prism1 Rotate CCW Fast>Slow 191–192 prism1 Rotate STOP 193–255 prism1 Rotate CW Slow>Fast
7	Prism	0	0–127 prism2 OPEN (wheel slot 1) 128–255 prism2 48-facet CIRCULAR (wheel slot 2)
8	Prism Rotation	64	0–62 prism2 Index 000>180 63–64 prism2 Index 000 65–127 prism2 Index -180>000 128–190 prism2 Rotate CCW Fast>Slow 191–192 prism2 Rotate STOP 193–255 prism2 Rotate CW Slow>Fast
9	Focus	128	0–127 Min 128–254 Medium 255–255 Max
10	Pan	128	0–127 Min 128–254 Home 255–255 Max
11	Pan Fine	0	Fine byte of Pan
12	Tilt	128	0–127 Min 128–254 Home 255–255 Max

16 Ch (continued)

Ch	Function	Default	DMX values
13	Tilt Fine	0	Fine byte of Tilt
14	Position MSpeed	0	0–0 No Function 1–128 Max 129–254 Medium 255–255 Min
15	Frost1	0	0–127 Frost / ColorDisc OPEN 128–191 Frost 192–255 ColorDisc
16	Control1	0	0–25 No Function 26–50 Reset Effects 51–60 No Function 61–85 Reset Pan/Tilt 86–99 No Function 100–109 Lamp OFF 110–199 No Function 200–209 Lamp ON 210–254 No Function 255–255 Reset System

19 Ch

19 channels

Ch	Function	Default	DMX values
1	Color Wheel	0	0–4 OPEN (wheel slot 1) 5–9 Open/Red (wheel slot 2) 10–14 Red (wheel slot 2) 15–19 Red/Orange (wheel slot 3) 20–24 Orange (wheel slot 3) 25–29 Orange/Aquamarine (wheel slot 4) 30–34 Aquamarine (wheel slot 4) 35–39 Aquamarine/Green (wheel slot 5) 40–44 Green (wheel slot 5) 45–49 Green/CTO1 (wheel slot 6) 50–54 CTO1 (wheel slot 6) 55–59 CTO1/Violet (wheel slot 7) 60–64 Violet (wheel slot 7) 65–69 Violet/Pink (wheel slot 8) 70–74 Pink (wheel slot 8) 75–79 Pink/Cyan (wheel slot 9) 80–84 Cyan (wheel slot 9) 85–89 Cyan/Yellow (wheel slot 10) 90–94 Yellow (wheel slot 10) 95–99 Yellow/LightGreen (wheel slot 11) 100–104 LightGreen (wheel slot 11) 105–109 LightGreen/Magenta (wheel slot 12) 110–114 Magenta (wheel slot 12) 115–119 Magenta/Lavender (wheel slot 13) 120–124 Lavender (wheel slot 13) 125–129 Lavender/CTO2 (wheel slot 14) 130–134 CTO2 (wheel slot 14) 135–139 CTO/CTB (wheel slot 15) 140–144 CTB (wheel slot 15) 145–149 CTB/Open (wheel slot 1) 150–150 Color1Rotate CW slow (wheel slot 1) 151–199 Color1Rotate CW slow>fast (wheel slot 1) 200–200 Color1Rotate CW fast (wheel slot 1) 201–201 Color1Rotate CCW fast>slow (wheel slot 1) 202–254 Color1Rotate CCW fast (wheel slot 1) 255–255 Color1Rotate CCW slow (wheel slot 1)

19 Ch (continued)

Ch	Function	Default	DMX values
2	Shutter / Strobe	255	0–3 shutter CLOSED 4–53 strobe Min 54–102 strobe Medium 103–103 strobe Max 104–107 shutter OPEN 108–157 strobePulse Min 158–206 strobePulse Medium 207–207 strobePulse Max 208–212 shutter OPEN 213–231 strobeRandom Min 232–250 strobeRandom Medium 251–254 strobeRandom Max 255–255 shutter OPEN
3	Dimmer	0	0–63 000% 64–127 025% 128–191 050% 192–254 075% 255–255 100%
4	Gobo	0	0–4 Gobo OPEN (wheel slot 1) 5–9 Gobo 1 (wheel slot 2) 10–14 Gobo 2 (wheel slot 3) 15–19 Gobo 3 (wheel slot 4) 20–24 Gobo 4 (wheel slot 5) 25–29 Gobo 5 (wheel slot 6) 30–34 Gobo 6 (wheel slot 7) 35–39 Gobo 7 (wheel slot 8) 40–44 Gobo 8 (wheel slot 9) 45–49 Gobo 9 (wheel slot 10) 50–54 Gobo 10 (wheel slot 11) 55–59 Gobo 11 (wheel slot 12) 60–64 Gobo 12 (wheel slot 13) 65–69 Gobo 13 (wheel slot 14) 70–74 Gobo Shake 1 (wheel slot 1) 75–79 Gobo Shake 2 (wheel slot 2) 80–84 Gobo Shake 3 (wheel slot 3) 85–89 Gobo Shake 4 (wheel slot 4) 90–94 Gobo Shake 5 (wheel slot 5) 95–99 Gobo Shake 6 (wheel slot 6) 100–104 Gobo Shake 7 (wheel slot 7) 105–109 Gobo Shake 8 (wheel slot 8) 110–114 Gobo Shake 9 (wheel slot 9) 115–119 Gobo Shake 10 (wheel slot 10) 120–124 Gobo Shake 11 (wheel slot 11) 125–129 Gobo Shake 12 (wheel slot 12) 130–134 Gobo Shake 13 (wheel slot 13) 135–139 Gobo Shake 14 (wheel slot 14) 140–140 Gobo1Rotate CW fast 141–199 Gobo1Rotate CW fast>slow 200–200 Gobo1Rotate CW slow 201–201 Gobo1Rotate CCW slow 202–254 Gobo1Rotate CCW slow>fast 255–255 Gobo1Rotate CCW fast
5	Prism	0	0–127 prism1 OPEN (wheel slot 1) 128–255 prism1 8-facet CIRCULAR (wheel slot 2)
6	Prism Rotation	64	0–62 prism1 Index 000>180 63–64 prism1 Index 000 65–127 prism1 Index -180>000 128–190 prism1 Rotate CCW Fast>Slow 191–192 prism1 Rotate STOP 193–255 prism1 Rotate CW Slow>Fast

19 Ch (continued)

Ch	Function	Default	DMX values
7	Prism	0	0–127 prism2 OPEN (wheel slot 1) 128–255 prism2 48-facet CIRCULAR (wheel slot 2)
8	Prism Rotation	64	0–62 prism2 Index 000>180 63–64 prism2 Index 000 65–127 prism2 Index -180>000 128–190 prism2 Rotate CCW Fast>Slow 191–192 prism2 Rotate STOP 193–255 prism2 Rotate CW Slow>Fast
9	Focus	128	0–127 Min 128–254 Medium 255–255 Max
10	Pan	128	0–127 Min 128–254 Home 255–255 Max
11	Pan Fine	0	Fine byte of Pan
12	Tilt	128	0–127 Min 128–254 Home 255–255 Max
13	Tilt Fine	0	Fine byte of Tilt
14	Position MSpeed	0	0–0 No Function 1–128 Max 129–254 Medium 255–255 Min
15	Frost1	0	0–127 Frost / ColorDisc OPEN 128–191 Frost 192–255 ColorDisc
16	Control1	0	0–25 No Function 26–50 Reset Effects 51–60 No Function 61–85 Reset Pan/Tilt 86–99 No Function 100–109 Lamp OFF 110–199 No Function 200–209 Lamp ON 210–254 No Function 255–255 Reset System
17	Color Wheel Select MSpeed	0	0–0 No Function 1–128 Max 129–254 Medium 255–255 Min
18	Global MSpeed	0	0–0 No Function 1–127 Max 128–254 Medium 255–255 Min
19	Gobo Wheel1MSpeed	0	0–0 No Function 1–128 Max 129–254 Medium 255–255 Min