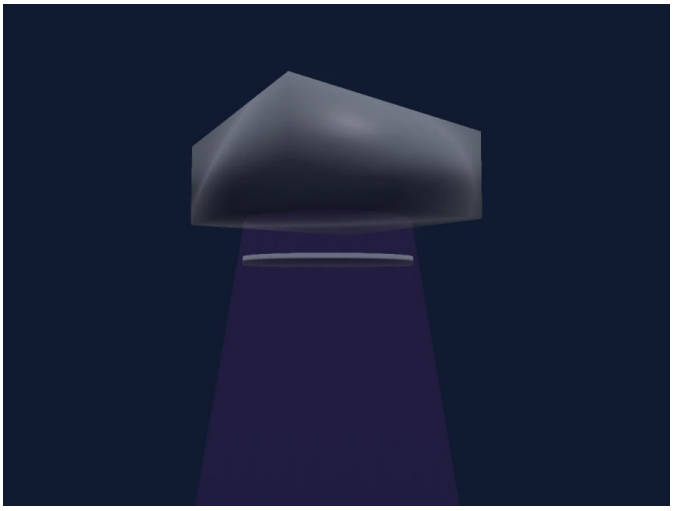
BeamZ

BT420



Manufacturer	**BeamZ**
Type	**Effect light**
DMX modes	**2**
DMX footprint	**12, 17 channels**
Beam angle	**18-25°**
Heads / cells	**2**
Size (W × H × D)	**250 × 100 × 250 mm**
GDTF fixture type	**278B1D51-2B31-4C32-9AE2-B0…**

Controls

Colour temperature · Colour wheel · Effect speed · Strobe · Dimmer · Pixel control

Safety-relevant functions

Built-in effect programmes

DMX modes

12CH	12 ch
17CH	17 ch

12CH

12 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Shutter / Strobe	32	0–31 Closed 32–63 Open 64–94 Strobe min 95–95 Strobe Max 96–127 Open 128–158 Pulse Slow 159–159 Pulse Fast 160–191 Open 192–222 Shutter1StrobeRandom 6 · Rnd Min 1–9.71 Hz 223–223 Shutter1StrobeRandom 6 · Rnd Max 10 Hz 224–255 Open
3	Red	255	
4	Green	255	
5	Blue	255	
6	White	255	
7	Effect	0	0–15 No Function 16–31 Macro 1 32–47 Macro 2 48–63 Macro 3 64–79 Macro 4 80–95 Macro 5 96–111 Macro 6 112–127 Macro 7 128–143 Macro 8 144–159 Sound 1 160–175 Sound 2 176–191 Sound 3 192–207 Sound 4 208–223 Sound 5 224–239 Sound 6 240–255 Sound 7
8	Effect Speed	0	0–254 Slow 255–255 Fast
9	Dimmer	0	0–254 Closed 255–255 Open
10	Color Wheel	0	0–0 No Function (wheel slot 1) 1–15 Red (wheel slot 2) 16–31 Green (wheel slot 3) 32–47 Blue (wheel slot 4) 48–63 Red Blue (wheel slot 5) 64–79 Red Green (wheel slot 6) 80–95 Green Blue (wheel slot 7) 96–111 Red Blue Green (wheel slot 8) 112–127 2700K (wheel slot 9) 128–143 3200K (wheel slot 10) 144–159 3500K (wheel slot 11) 160–175 5000K (wheel slot 12) 176–191 5500K (wheel slot 13) 192–207 6000K (wheel slot 14) 208–223 6500K (wheel slot 15) 224–239 7000K (wheel slot 16) 240–255 8000K (wheel slot 17)

12CH (continued)

Ch	Function	Default	DMX values
11	Effect	0	0–15 No function 16–29 Scene 1 30–43 Scene 2 44–57 Scene 3 58–71 Scene 4 72–85 Scene 5 86–99 Scene 6 100–113 Scene 7 114–127 Scene 8 128–141 Scene 9 142–155 Scene 10 156–169 Scene 11 170–183 Scene 12 184–197 Scene 13 198–211 Scene 14 212–225 Scene 15 226–239 Scene 16 240–255 Scene 17
12	Effect Speed	0	0–254 Slow 255–255 Fast

17CH

17 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Shutter / Strobe	32	0–31 Closed 32–63 Open 64–94 Strobe min 95–95 Strobe Max 96–127 Open 128–158 Pulse Slow 159–159 Pulse Fast 160–191 Open 192–222 Shutter1StrobeRandom 6 · Rnd Min 1–9.71 Hz 223–223 Shutter1StrobeRandom 6 · Rnd Max 10 Hz 224–255 Open
3	Red	255	
4	Green	255	
5	Blue	255	
6	White	255	
7	Color Wheel	0	0–0 No Function (wheel slot 1) 1–15 Red (wheel slot 2) 16–31 Green (wheel slot 3) 32–47 Blue (wheel slot 4) 48–63 Red Blue (wheel slot 5) 64–79 Red Green (wheel slot 6) 80–95 Green Blue (wheel slot 7) 96–111 Red Blue Green (wheel slot 8) 112–127 2700K (wheel slot 9) 128–143 3200K (wheel slot 10) 144–159 3500K (wheel slot 11) 160–175 5000K (wheel slot 12) 176–191 5500K (wheel slot 13) 192–207 6000K (wheel slot 14) 208–223 6500K (wheel slot 15) 224–239 7000K (wheel slot 16) 240–255 8000K (wheel slot 17)

17CH (continued)

Ch	Function	Default	DMX values
8	C TO	0	0–15 No Function 16–255 2700 > 8000
9	Effect	0	0–15 No Function 16–31 Macro 1 32–47 Macro 2 48–63 Macro 3 64–79 Macro 4 80–95 Macro 5 96–111 Macro 6 112–127 Macro 7 128–143 Macro 8 144–159 Sound 1 160–175 Sound 2 176–191 Sound 3 192–207 Sound 4 208–223 Sound 5 224–239 Sound 6 240–255 Sound 7
10	Effect Speed	0	0–254 Slow 255–255 Fast
11	Dimmer	0	0–254 Closed 255–255 Open
12	Red	255	
13	Green	255	
14	Blue	255	
15	Color Wheel	0	0–0 No Function (wheel slot 1) 1–15 Red (wheel slot 2) 16–31 Green (wheel slot 3) 32–47 Blue (wheel slot 4) 48–63 Red Blue (wheel slot 5) 64–79 Red Green (wheel slot 6) 80–95 Green Blue (wheel slot 7) 96–111 Red Blue Green (wheel slot 8) 112–127 2700K (wheel slot 9) 128–143 3200K (wheel slot 10) 144–159 3500K (wheel slot 11) 160–175 5000K (wheel slot 12) 176–191 5500K (wheel slot 13) 192–207 6000K (wheel slot 14) 208–223 6500K (wheel slot 15) 224–239 7000K (wheel slot 16) 240–255 8000K (wheel slot 17)
16	Effect	0	0–15 No function 16–29 Scene 1 30–43 Scene 2 44–57 Scene 3 58–71 Scene 4 72–85 Scene 5 86–99 Scene 6 100–113 Scene 7 114–127 Scene 8 128–141 Scene 9 142–155 Scene 10 156–169 Scene 11 170–183 Scene 12 184–197 Scene 13 198–211 Scene 14 212–225 Scene 15 226–239 Scene 16 240–255 Scene 17

17CH (continued)

Ch	Function	Default	DMX values
17	Effect Speed	0	0–254 Slow 255–255 Fast