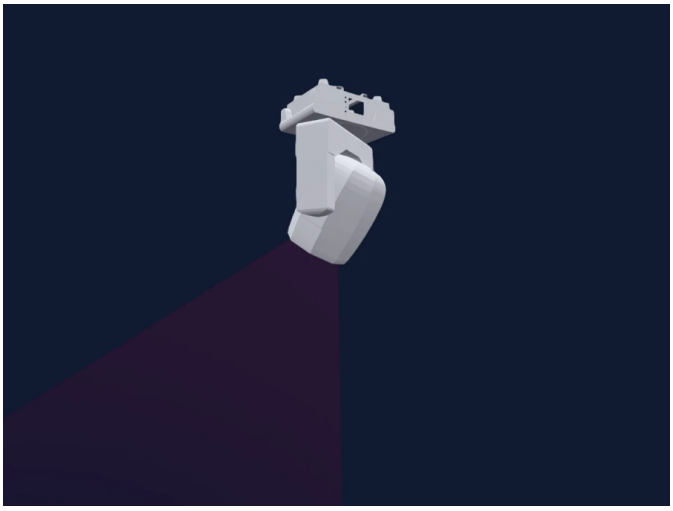
Showtec

The Meg Beam One



Manufacturer	**Showtec**
Type	**Moving head**
DMX modes	**2**
DMX footprint	**20, 22 channels**
Beam angle	**1.6-120°**
Pan range	**540°**
Tilt range	**210°**
Heads / cells	**2**
Size (W × H × D)	**202 × 256 × 184 mm**
GDTF fixture type	**95E8D629-9586-4DA8-BBC2-3B…**

Controls

Focus · Frost · Prism · RGB colour mixing · Colour wheel · Strobe · Dimmer · Pixel control · Pan and tilt · Movement speed · Gobos

DMX modes

30 Channel	20 ch
22 Channel	22 ch

30 Channel

20 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	Position MSpeed	0	0–225 Fast to Slow 226–235 Black Out during PT 236–255 Black Out during Col Gob
6	Prism	0	0–5 No Prism (wheel slot 1) 6–127 24 Facet (wheel slot 2) 128–189 CW Rot (wheel slot 2) 190–193 Stop (wheel slot 2) 194–255 CCW Rot (wheel slot 2)
7	Shutter / Strobe	48	0–31 Closed 32–63 Open 64–95 Strobe · Linear 0.1–25 Hz 96–127 Open 128–159 Pulse 160–191 Open 192–223 Random 224–255 Open
8	Dimmer	0	0–1 Zero 2–255 Full
9	Dimmer	0	0–0 Zero 1–255 Full
10	Red	0	
11	Green	0	
12	Blue	0	
13	Color Wheel	0	0–0 No Color (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 + Green + Blue (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)

30 Channel (continued)

Ch	Function	Default	DMX values
14	Pixel Macro	0	0–15 No Function 16–29 Pix Dynamic Scene 1 30–43 Pix Dynamic Scene 2 44–57 Pix Dynamic Scene 3 58–71 Pix Dynamic Scene 4 72–85 Pix Dynamic Scene 5 86–99 Pix Dynamic Scene 6 100–113 Pix Dynamic Scene 7 114–127 Pix Dynamic Scene 8 128–141 Pix Dynamic Scene 9 142–155 Pix Dynamic Scene 10 156–169 Pix Dynamic Scene 11 170–183 Pix Dynamic Scene 12 184–197 Pix Dynamic Scene 13 198–211 Pix Dynamic Scene 14 212–225 Pix Dynamic Scene 15 226–239 Pix Dynamic Scene 16 240–255 Pix Dynamic Scene 17
15	Pixel Macro Speed	0	0–127 CW 128–255 CCW
16	Color Wheel Select MSpeed	0	
17	Gobo	0	0–6 Open (wheel slot 1) 7–13 Square (wheel slot 2) 14–20 Cross (wheel slot 3) 21–27 Fan (wheel slot 4) 28–34 Moon (wheel slot 5) 35–41 Star (wheel slot 6) 42–48 Triangle (wheel slot 7) 49–55 Stars (wheel slot 8) 56–62 Curve (wheel slot 9) 63–69 Cilinders (wheel slot 10) 70–76 Dots (wheel slot 11) 77–83 Radial (wheel slot 12) 84–90 Swirl (wheel slot 13) 91–97 Horizontal Bar (wheel slot 14) 98–104 Reducer (wheel slot 15) 105–111 Reducer (wheel slot 2) 112–118 Horizontal Bar (wheel slot 3) 119–125 Swirl (wheel slot 4) 126–132 Radial (wheel slot 5) 133–139 Dots (wheel slot 6) 140–146 Cilinders (wheel slot 7) 147–153 Curve (wheel slot 8) 154–160 Stars (wheel slot 9) 161–167 Triangle (wheel slot 10) 168–174 Star (wheel slot 11) 175–181 Moon (wheel slot 12) 182–188 Fan (wheel slot 13) 189–195 Cross (wheel slot 14) 196–202 Square (wheel slot 15) 203–255 CW Rot
18	Prism	0	0–5 No Prism (wheel slot 1) 6–127 16 Facet (wheel slot 2) 128–189 CW Rot (wheel slot 2) 190–193 Stop (wheel slot 2) 194–255 CCW Rot (wheel slot 2)
19	Focus	0	

30 Channel (continued)

Ch	Function	Default	DMX values
20	Control1	0	0–79 No Function 80–84 Reset All 85–87 Reset PT 88–90 Reset Color 91–93 Reset Gobo 94–96 Reset Other 97–99 Auto Program 1 100–119 Auto Program 2 120–139 Auto Program 3 140–159 Auto Program 4 160–179 Auto Program 5 180–199 Auto Program 6 200–219 Auto Program 7 220–239 Auto Program 8 240–255 Sound Controlled

22 Channel

22 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	Position MSpeed	0	0–225 Fast to Slow 226–235 Black Out during PT 236–255 Black Out during Col Gob
6	Dimmer	0	0–1 Zero 2–255 Full
7	Shutter / Strobe	48	0–31 Closed 32–63 Open 64–95 Strobe · Linear 0.1–25 Hz 96–127 Open 128–159 Pulse 160–191 Open 192–223 Random 224–255 Open
8	Color Wheel	0	0–9 No color (wheel slot 1) 10–19 Red (wheel slot 2) 20–29 Blue (wheel slot 3) 30–39 Green (wheel slot 4) 40–49 Lime Green (wheel slot 5) 50–59 Magenta (wheel slot 6) 60–69 Light Blue (wheel slot 7) 70–79 Fern Green (wheel slot 8) 80–89 Yellow (wheel slot 9) 90–99 Amber (wheel slot 10) 100–109 CTO (wheel slot 11) 110–127 CTB (wheel slot 12) 128–189 CW 190–193 Stop 194–255 CCW

22 Channel (continued)

Ch	Function	Default	DMX values
9	Gobo	0	0–6 Open (wheel slot 1) 7–13 Square (wheel slot 2) 14–20 Cross (wheel slot 3) 21–27 Fan (wheel slot 4) 28–34 Moon (wheel slot 5) 35–41 Star (wheel slot 6) 42–48 Triangle (wheel slot 7) 49–55 Stars (wheel slot 8) 56–62 Curve (wheel slot 9) 63–69 Cilinders (wheel slot 10) 70–76 Dots (wheel slot 11) 77–83 Radial (wheel slot 12) 84–90 Swirl (wheel slot 13) 91–97 Horizontal Bar (wheel slot 14) 98–104 Reducer (wheel slot 15) 105–111 Reducer (wheel slot 2) 112–118 Horizontal Bar (wheel slot 3) 119–125 Swirl (wheel slot 4) 126–132 Radial (wheel slot 5) 133–139 Dots (wheel slot 6) 140–146 Cilinders (wheel slot 7) 147–153 Curve (wheel slot 8) 154–160 Stars (wheel slot 9) 161–167 Triangle (wheel slot 10) 168–174 Star (wheel slot 11) 175–181 Moon (wheel slot 12) 182–188 Fan (wheel slot 13) 189–195 Cross (wheel slot 14) 196–202 Square (wheel slot 15) 203–255 CW Rot
10	Focus	0	
11	Prism	0	0–5 No Prism (wheel slot 1) 6–127 24 Facet (wheel slot 2) 128–189 CW Rot (wheel slot 2) 190–193 Stop (wheel slot 2) 194–255 CCW Rot (wheel slot 2)
12	Prism	0	0–5 No Prism (wheel slot 1) 6–127 16 Facet (wheel slot 2) 128–189 CW Rot (wheel slot 2) 190–193 Stop (wheel slot 2) 194–255 CCW Rot (wheel slot 2)
13	Frost1	0	0–199 No Frost 200–255 Frost
14	Control1	0	0–79 No Function 80–84 Reset All 85–87 Reset PT 88–90 Reset Color 91–93 Reset Gobo 94–96 Reset Other 97–99 Auto Program 1 100–119 Auto Program 2 120–139 Auto Program 3 140–159 Auto Program 4 160–179 Auto Program 5 180–199 Auto Program 6 200–219 Auto Program 7 220–239 Auto Program 8 240–255 Sound Controlled
15	Dimmer	0	0–0 Zero 1–255 Full

22 Channel (continued)

Ch	Function	Default	DMX values
16	Shutter / Strobe	0	0–0 Open 1–255 Strobe
17	Red	0	
18	Green	0	
19	Blue	0	
20	Color Wheel	0	0–0 No Color (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 + Green + Blue (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)
21	Pixel Macro	0	0–15 No Function 16–29 Pix Dynamic Scene 1 30–43 Pix Dynamic Scene 2 44–57 Pix Dynamic Scene 3 58–71 Pix Dynamic Scene 4 72–85 Pix Dynamic Scene 5 86–99 Pix Dynamic Scene 6 100–113 Pix Dynamic Scene 7 114–127 Pix Dynamic Scene 8 128–141 Pix Dynamic Scene 9 142–155 Pix Dynamic Scene 10 156–169 Pix Dynamic Scene 11 170–183 Pix Dynamic Scene 12 184–197 Pix Dynamic Scene 13 198–211 Pix Dynamic Scene 14 212–225 Pix Dynamic Scene 15 226–239 Pix Dynamic Scene 16 240–255 Pix Dynamic Scene 17
22	Pixel Macro Speed	0	0–127 CW 128–255 CCW