Cameo

Hydrabeam 400



Manufacturer	**Cameo**
Type	**Moving head**
DMX modes	**5**
DMX footprint	**6, 9, 10, 15, 28 channels**
Beam angle	**4°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**808 × 177 × 88 mm**
GDTF fixture type	**0BEDD29F-E4E8-4EF8-8282-69…**

Controls

Strobe · Dimmer · Pan and tilt · Movement speed

Safety-relevant functions

Fixture reset · Strobe

DMX modes

6 Chan	6 ch
36 Chan	9 ch
10 Chan	10 ch
15 Chan	15 ch
28 Chan	28 ch

6 Chan

6 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–24 0% 25–50 10% 51–62 20% 63–75 25% 76–101 30% 102–126 40% 127–152 50% 153–177 60% 178–190 70% 191–203 75% 204–228 80% 229–254 90% 255–255 100%
2	Shutter / Strobe	0	0–10 Shutter Open 11–125 Strobe Slow 126–252 Strobe Mid 253–255 Strobe Fast
3	Position Effect	0	0–7 No Movement 8–22 Show Mode 1 23–37 Show Mode 2 38–52 Show Mode 3 53–67 Show Mode 4 68–82 Show Mode 5 83–97 Show Mode 6 98–112 Show Mode 7 113–127 Show Mode 8 128–142 Show Mode 9 143–157 Show Mode 10 158–172 Show Mode 11 173–187 Show Mode 12 188–202 Show Mode 13 203–217 Show Mode 14 218–232 Show Mode 15 233–247 Show Mode 16 248–255 Sound Control Mode
4	Position MSpeed	0	0–126 Show Mode Speed Slow 127–252 Show Mode Speed Mid 253–255 Show Mode Speed Fast
5	Pixel Mode	0	0–31 Black Out 32–63 Lighting Pattern 1 64–95 Lighting Pattern 2 96–127 Lighting Pattern 3 128–159 Lighting Pattern 4 160–191 Lighting Pattern 5 192–223 Lighting Pattern 6 224–255 Full On
6	Intensity MSpeed	0	0–126 Lighting Pattern Speed Slow 127–252 Lighting Pattern Speed Mid 253–255 Lighting Pattern Speed Fast

36 Chan

9 channels

Ch	Function	Default	DMX values

36 Chan (continued)

Ch	Function	Default	DMX values
1	Pan	127	0–20 -270 21–41 -225 42–63 -180 64–84 -135 85–105 -90 106–127 -45 128–148 0 (Center) 149–169 45 170–190 90 191–212 135 213–233 180 234–254 225 255–255 270
2	Pan Fine	255	Fine byte of Pan
3	Tilt	127	0–41 -135 42–84 -90 85–127 -45 128–169 0 (center) 170–212 45 213–254 90 255–255 135
4	Tilt Fine	255	Fine byte of Tilt
5	Position MSpeed	0	0–126 Head Speed Slow 127–252 Head Speed Mid 253–255 Head Speed Fast
6	Dimmer	0	0–24 0% 25–50 10% 51–62 20% 63–75 25% 76–101 30% 102–126 40% 127–152 50% 153–177 60% 178–190 70% 191–203 75% 204–228 80% 229–254 90% 255–255 100%
7	Shutter / Strobe	0	0–10 Shutter Open 11–125 Strobe Slow 126–252 Strobe Mid 253–255 Strobe Fast
8	Control1	0	0–7 no Function (1) 8–30 Show Mode 1 31–53 Show Mode 2 54–76 Show Mode 3 77–99 Show Mode 4 100–122 Sound Control Mode 123–199 no Function (2) 200–224 Reset 225–255 no Function (3)
9	Function	0	0–126 Sound Sensitivity Low 127–252 Sound Sensitivity Mid 253–255 Sound Sensitivity High

10 Chan

10 channels

Ch	Function	Default	DMX values
1	Pan	127	0–20 -270 21–41 -225 42–63 -180 64–84 -135 85–105 -90 106–126 -45 127–148 0 (Center) 149–169 45 170–190 90 191–212 135 213–233 180 234–254 225 255–255 270
2	Tilt	127	0–41 -135 42–84 -90 85–127 -45 128–169 0 (Center) 170–212 45 213–254 90 255–255 135
3	Dimmer	0	0–24 0% 25–50 10% 51–62 20% 63–75 25% 76–101 30% 102–126 40% 127–152 50% 153–177 60% 178–190 70% 191–203 75% 204–228 80% 229–254 90% 255–255 100%
4	Shutter / Strobe	0	0–10 Shutter Open 11–125 Strobe Slow 126–252 Strobe Mid 253–255 Strobe Fast
5	Position Effect	0	0–7 No Movement 8–22 Show Mode 1 23–37 Show Mode 2 38–52 Show Mode 3 53–67 Show Mode 4 68–82 Show Mode 5 83–97 Show Mode 6 98–112 Show Mode 7 113–127 Show Mode 8 128–142 Show Mode 9 143–157 Show Mode 10 158–172 Show Mode 11 173–187 Show Mode 12 188–202 Show Mode 13 203–217 Show Mode 14 218–232 Show Mode 15 233–247 Show Mode 16 248–255 Sound Control Mode
6	Position MSpeed	0	0–126 Show Mode Speed Slow 127–252 Show Mode Speed Mid 253–255 Show Mode Speed Fast

10 Chan (continued)

Ch	Function	Default	DMX values
7	Pixel Mode	0	0–31 Black Out 32–63 Lighting Pattern 1 64–95 Lighting Pattern 2 96–127 Lighting Pattern 3 128–159 Lighting Pattern 4 160–191 Lighting Pattern 5 192–223 Lighting Pattern 6 224–255 Full On
8	Intensity MSpeed	0	0–126 Lighting Pattern Speed Slow 127–252 Lighting Pattern Speed Mid 253–255 Lighting Pattern Speed Fast
9	Pan Fine	255	Fine byte of Pan
10	Tilt Fine	255	Fine byte of Tilt

15 Chan

15 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–24 0% 25–50 10% 51–62 20% 63–75 25% 76–101 30% 102–126 40% 127–152 50% 153–177 60% 178–190 70% 191–203 75% 204–228 80% 229–254 90% 255–255 100%
2	Shutter / Strobe	0	0–10 Shutter Open 11–125 Strobe Slow 126–252 Strobe Mid 253–255 Strobe Fast
3	Dimmer	255	0–24 0% 25–50 10% 51–62 20% 63–75 25% 76–101 30% 102–126 40% 127–152 50% 153–177 60% 178–190 70% 191–203 75% 204–228 80% 229–254 90% 255–255 100%
4	Reserved 4	0	
5	Reserved 5	0	
6	Reserved 6	0	
7	Reserved 7	0	
8	Reserved 8	0	
9	Reserved 9	0	
10	Reserved 10	0	
11	Reserved 11	0	
12	Reserved 12	0	

15 Chan (continued)

Ch	Function	Default	DMX values
13	Reserved 13	0	
14	Reserved 14	0	
15	Position MSpeed	0	0–126 Head Speed Slow 127–252 Head Speed Mid 253–255 Head Speed Fast

28 Chan

28 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–24 0% 25–50 10% 51–62 20% 63–75 25% 76–101 30% 102–126 40% 127–152 50% 153–177 60% 178–190 70% 191–203 75% 204–228 80% 229–254 90% 255–255 100%
2	Shutter / Strobe	0	0–10 Shutter Open 11–125 Strobe Slow 126–252 Strobe Mid 253–255 Strobe Fast
3	Tilt	127	0–41 -135 42–84 -90 85–127 -45 128–169 0 (center) 170–212 45 213–254 90 255–255 135
4	Tilt Fine	255	Fine byte of Tilt
5	Position MSpeed	0	0–10 Head Master Speed 11–126 Head Speed Slow 127–252 Head Speed Mid 253–255 Head Speed Fast
6	Dimmer	255	0–24 0% 25–50 10% 51–62 20% 63–75 25% 76–101 30% 102–126 40% 127–152 50% 153–177 60% 178–190 70% 191–203 75% 204–228 80% 229–254 90% 255–255 100%
7	Reserved 7	0	
8	Reserved 8	0	
9	Reserved 9	0	
10	Reserved 10	0	
11	Reserved 11	0	

28 Chan (continued)

Ch	Function	Default	DMX values
12	Reserved 12	0	
13	Reserved 13	0	
14	Reserved 14	0	
15	Reserved 15	0	
16	Reserved 16	0	
17	Reserved 17	0	
18	Reserved 18	0	
19	Reserved 19	0	
20	Reserved 20	0	
21	Reserved 21	0	
22	Reserved 22	0	
23	Reserved 23	0	
24	Reserved 24	0	
25	Reserved 25	0	
26	Reserved 26	0	
27	Control1	0	0–199 no Function (1) 200–209 Reset 210–240 no Function (2) 241–255 Sound Control Mode
28	Function	0	0–126 Sound Sensitivity Low 127–252 Sound Sensitivity Mid 253–255 Sound Sensitivity High