Cameo

Auro Spot Z300



Manufacturer	**Cameo**
Type	**Moving head**
DMX modes	**2**
DMX footprint	**17, 20 channels**
Beam angle	**10-20°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**213 × 369 × 186 mm**
GDTF fixture type	**E4F027EB-5011-46CA-85D8-CA…**

Controls

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

Safety-relevant functions

Fixture reset · Built-in effect programmes

DMX modes

17Ch	17 ch
20Ch	20 ch

17Ch

17 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	Dimmer	0	0–254 Closed 255–255 Open
6	Dimmer Fine	0	Fine byte of Dimmer
7	Shutter / Strobe	0	0–5 Open 6–10 Closed 11–32 Min Random Pulse 33–33 Max Random Pulse 34–55 Min Pulse Open 56–56 Max Pulse Open 57–78 Min Pulse Closed 79–79 Max Pulse Closed 80–90 Min Random 91–101 Med Random 102–102 Max Random 103–114 Shutter1StrobeBreak · Min Break 1–5.13 Hz 115–126 Shutter1StrobeBreak · Med Break 5.5–9.63 Hz 127–127 Shutter1StrobeBreak · Max Break 10 Hz 128–188 Min Strobe 189–249 Med Strobe 250–250 Max Strobe 251–255 Shutter Open
8	Color Wheel	0	0–5 Open (wheel slot 1) 6–11 Deep Red (wheel slot 2) 12–17 Medium Blue (wheel slot 3) 18–23 Deep Green (wheel slot 4) 24–29 Yellow (wheel slot 5) 30–35 Lavender (wheel slot 6) 36–41 Amber (wheel slot 7) 42–47 CTO 3200K (wheel slot 8) 48–53 Congo Blue (wheel slot 9) 54–191 Wheel Min Position 192–192 Wheel Max Position 193–222 > 223–223 >>> 224–224 Stop 225–254 <<< 255–255 <

17Ch (continued)

Ch	Function	Default	DMX values
9	Gobo	0	0–5 Open (wheel slot 1) 6–20 Gobo 1 (wheel slot 2) 21–35 Gobo 2 (wheel slot 3) 36–50 Gobo 3 (wheel slot 4) 51–65 Gobo 4 (wheel slot 5) 66–80 Gobo 5 (wheel slot 6) 81–95 Gobo 6 (wheel slot 7) 96–109 Gobo 1 Min Shake (wheel slot 2) 110–110 Gobo 1 Max Shake (wheel slot 2) 111–124 Gobo 2 Min Shake (wheel slot 3) 125–125 Gobo 2 Max Shake (wheel slot 3) 126–139 Gobo 3 Min Shake (wheel slot 4) 140–140 Gobo 3 Max Shake (wheel slot 4) 141–154 Gobo 4 Min Shake (wheel slot 5) 155–155 Gob 4 Max Shake (wheel slot 5) 156–169 Gobo 5 Min Shake (wheel slot 6) 170–170 Gobo 5 Max Shake (wheel slot 6) 171–184 Gobo 6 Min Shake (wheel slot 7) 185–185 Gobo 6 Max Shake (wheel slot 7) 186–192 Open (wheel slot 1) 193–222 >> 223–223 >>> 224–224 Stop 225–254 << 255–255 <
10	Gobo Rotation	0	0–5 Open (wheel slot 1) 6–126 Min Position 127–127 Max Position 128–190 > 191–191 >>> 192–192 Stop 193–254 << 255–255 <
11	Gobo 2	0	0–5 Open (wheel slot 1) 6–20 Gobo 1 (wheel slot 2) 21–35 Gobo 2 (wheel slot 3) 36–50 Gobo 3 (wheel slot 4) 51–65 Gobo 4 (wheel slot 5) 66–80 Gobo 5 (wheel slot 6) 81–95 Gobo 6 (wheel slot 7) 96–109 Gobo 1 Min Shake (wheel slot 2) 110–110 Gobo 1 Max Shake (wheel slot 2) 111–124 Gobo 2 Min Shake (wheel slot 3) 125–125 Gobo 2 Max Shake (wheel slot 3) 126–139 Gobo 3 Min Shake (wheel slot 4) 140–140 Gobo 3 Max Shake (wheel slot 4) 141–154 Gobo 4 Min Shake (wheel slot 5) 155–155 Gob 4 Max Shake (wheel slot 5) 156–169 Gobo 5 Min Shake (wheel slot 6) 170–170 Gobo 5 Max Shake (wheel slot 6) 171–184 Gobo 6 Min Shake (wheel slot 7) 185–185 Gobo 6 Max Shake (wheel slot 7) 186–192 Open (wheel slot 1) 193–222 >> 223–223 >>> 224–224 Stop 225–254 << 255–255 <
12	Zoom	128	0–127 Narrow 128–254 Med 255–255 Max

17Ch (continued)

Ch	Function	Default	DMX values
13	Focus	128	0–127 Min Focus 128–254 Med Focus 255–255 Max Focus
14	Prism	0	0–5 Open (wheel slot 1) 6–127 6-Facet-Circular (wheel slot 2) 128–255 5-Facet-Linear (wheel slot 3)
15	Prism Rotation	0	0–5 Open (wheel slot 1) 6–126 Min Position 127–127 Max Position 128–190 > 191–191 >>> 192–192 Stop 193–254 <<< 255–255 <
16	Frost1	0	0–5 No Frost 6–254 Min Frost 255–255 Max Frost
17	Control1	0	0–5 No Function 6–15 Blackout While Moving ON 16–25 Blackout While Moving OFF 26–35 Invert Pan ON 36–45 Invert Pan OFF 46–55 Invert Tilt ON 56–65 Invert Tilt OFF 66–75 Display backlight ON 76–85 Display backlight OFF 86–95 Dimmer Curve LINEAR 96–105 Dimmer Curve EXPONENTIAL 106–115 Dimmer Curve LOGARITHMIC 116–125 Dimmer Curve SCURVE 126–135 PWM Freq 800Hz 136–145 PWM 1200Hz 146–155 PWM 2000Hz 156–165 PWM 3600Hz 166–175 PWM 12kHz 176–185 PWM 25kHz 186–195 Fan AUTO 196–205 Fan SILENT 206–215 Pan/Tilt Reset 216–225 Head Reset 226–235 Global Reset 236–255 No Function

20Ch

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	Dimmer	0	0–254 Closed 255–255 Open
6	Dimmer Fine	0	Fine byte of Dimmer

20Ch (continued)

Ch	Function	Default	DMX values
7	Shutter / Strobe	1	0–5 Open 6–10 Closed 11–32 Min Random Pulse 33–33 Max Random Pulse 34–55 Min Pulse Open 56–56 Max Pulse Open 57–78 Min Pulse Closed 79–79 Max Pulse Closed 80–90 Min Random 91–101 Med Random 102–102 Max Random 103–114 Shutter1StrobeBreak · Min Break 0–11.5 Hz 115–126 Shutter1StrobeBreak · Med Break 12.5–24 Hz 127–127 Shutter1StrobeBreak · Max Break 25 Hz 128–188 Min Strobe 189–249 Med Strobe 250–250 Max Strobe 251–255 Shutter Open
8	Color Wheel	0	0–5 Open (wheel slot 1) 6–11 Deep Red (wheel slot 2) 12–17 Medium Blue (wheel slot 3) 18–23 Deep Green (wheel slot 4) 24–29 Yellow (wheel slot 5) 30–35 Lavender (wheel slot 6) 36–41 Amber (wheel slot 7) 42–47 CTO 3200K (wheel slot 8) 48–53 Congo Blue (wheel slot 9) 54–191 Wheel Min Position 192–192 Wheel Max Position 193–222 >> 223–223 >>> 224–224 Stop 225–254 << 255–255 <<
9	Gobo	0	0–5 Open (wheel slot 1) 6–20 Gobo 1 (wheel slot 2) 21–35 Gobo 2 (wheel slot 3) 36–50 Gobo 3 (wheel slot 4) 51–65 Gobo 4 (wheel slot 5) 66–80 Gobo 5 (wheel slot 6) 81–95 Gobo 6 (wheel slot 7) 96–109 Gobo 1 Min Shake (wheel slot 2) 110–110 Gobo 1 Max Shake (wheel slot 2) 111–124 Gobo 2 Min Shake (wheel slot 3) 125–125 Gobo 2 Max Shake (wheel slot 3) 126–139 Gobo 3 Min Shake (wheel slot 4) 140–140 Gobo 3 Max Shake (wheel slot 4) 141–154 Gobo 4 Min Shake (wheel slot 5) 155–155 Gob 4 Max Shake (wheel slot 5) 156–169 Gobo 5 Min Shake (wheel slot 6) 170–170 Gobo 5 Max Shake (wheel slot 6) 171–184 Gobo 6 Min Shake (wheel slot 7) 185–185 Gobo 6 Max Shake (wheel slot 7) 186–192 Open (wheel slot 1) 193–222 >> 223–223 >>> 224–224 Stop 225–254 << 255–255 <<

20Ch (continued)

Ch	Function	Default	DMX values
10	Gobo Rotation	0	0–5 Open (wheel slot 1) 6–126 Min Position 127–127 Max Position 128–190 >> 191–191 >>> 192–192 Stop 193–254 << 255–255 <<
11	Gobo 2	0	0–5 Open (wheel slot 1) 6–20 Gobo 1 (wheel slot 2) 21–35 Gobo 2 (wheel slot 3) 36–50 Gobo 3 (wheel slot 4) 51–65 Gobo 4 (wheel slot 5) 66–80 Gobo 5 (wheel slot 6) 81–95 Gobo 6 (wheel slot 7) 96–109 Gobo 1 Min Shake (wheel slot 2) 110–110 Gobo 1 Max Shake (wheel slot 2) 111–124 Gobo 2 Min Shake (wheel slot 3) 125–125 Gobo 2 Max Shake (wheel slot 3) 126–139 Gobo 3 Min Shake (wheel slot 4) 140–140 Gobo 3 Max Shake (wheel slot 4) 141–154 Gobo 4 Min Shake (wheel slot 5) 155–155 Gob 4 Max Shake (wheel slot 5) 156–169 Gobo 5 Min Shake (wheel slot 6) 170–170 Gobo 5 Max Shake (wheel slot 6) 171–184 Gobo 6 Min Shake (wheel slot 7) 185–185 Gobo 6 Max Shake (wheel slot 7) 186–192 Open (wheel slot 1) 193–222 >> 223–223 >>> 224–224 Stop 225–254 << 255–255 <<
12	Zoom	128	0–127 Narrow 128–254 Med 255–255 Max
13	Focus	128	0–127 Min Focus 128–254 Med Focus 255–255 Max Focus
14	Prism	0	0–5 Open (wheel slot 1) 6–127 6-Facet-Circular (wheel slot 2) 128–255 5-Facet-Linear (wheel slot 3)
15	Prism Rotation	0	0–5 Open (wheel slot 1) 6–126 Min Position 127–127 Max Position 128–190 >> 191–191 >>> 192–192 Stop 193–254 << 255–255 <<
16	Frost1	0	0–5 No Frost 6–254 Min Frost 255–255 Max Frost
17	Effect	0	0–5 Effects Off 6–67 Program 1 68–129 Program 2 130–191 Program 3 192–255 Program 4

20Ch (continued)

Ch	Function	Default	DMX values
18	Position Effect	0	0–5 No Effect 6–40 Pan 41–75 Tilt 76–110 Pan/Tilt 111–145 Pan/Tilt Inverse 146–180 Circle 181–215 Circle Inverse 216–255 Random Pos
19	Position MSpeed	0	0–254 Pan/Tilt Fast 255–255 Pan/Tilt Slow
20	Control1	0	0–5 No Function 6–15 Blackout While Moving ON 16–25 Blackout While Moving OFF 26–35 Invert Pan ON 36–45 Invert Pan OFF 46–55 Invert Tilt ON 56–65 Invert Tilt OFF 66–75 Display backlight ON 76–85 Display backlight OFF 86–95 Dimmer Curve LINEAR 96–105 Dimmer Curve EXPONENTIAL 106–115 Dimmer Curve LOGARITHMIC 116–125 Dimmer Curve SCURVE 126–135 PWM Freq 800Hz 136–145 PWM 1200Hz 146–155 PWM 2000Hz 156–165 PWM 3600Hz 166–175 PWM 12kHz 176–185 PWM 25kHz 186–195 Fan AUTO 196–205 Fan SILENT 206–215 Pan/Tilt Reset 216–225 Head Reset 226–235 Global Reset 236–255 No Function