Cameo

ZENIT Z180 G2



Manufacturer	**Cameo**
Type	**Moving head**
DMX modes	**7**
DMX footprint	**3, 4, 5, 9, 10, 11, 17 channels**
Beam angle	**7-55°**
Pan range	**1°**
Tilt range	**1°**
Size (W × H × D)	**239 × 284 × 239 mm**
GDTF fixture type	**92B1BE4D-F650-4348-A73D-D6…**

Controls

Zoom · Extra LED colours · RGB colour mixing · Colour temperature · Colour wheel · Strobe · Dimmer

Safety-relevant functions

Fixture reset · Strobe

DMX modes

3 CH Mode	3 ch
4 CH Mode	4 ch
5 CH Mode	5 ch
9 CH Mode	9 ch
10 CH Mode	10 ch
11 CH Mode	11 ch
17 CH Mode	17 ch

3 CH Mode

3 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	C TC	0	0–5 Off 6–254 Cold 255–255 Warm
3	Zoom	128	0–254 7 255–255 55

4 CH Mode

4 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Shutter / Strobe	0	0–5 Open 6–10 Closed 11–32 Pulse Random slow 33–33 Pulse Random fast 34–55 Ramp up Random slow 56–56 Ramp up Random fast 57–78 Ramp down Random slow 79–79 Ramp down Random fast 80–101 Random Strobe Effect slow 102–102 Random Strobe Effect fast 103–127 Strobe Break Effekt; 5s - 1s (Short burst with break) 128–250 Strobe slow -> fast (1Hz - 20Hz) 251–255 Strobe open
3	Color Macro1	0	0–5 Open (wheel slot 1) 6–13 Red (wheel slot 2) 14–21 Amber (wheel slot 3) 22–29 Yellow warm (wheel slot 4) 30–37 Yellow (wheel slot 5) 38–45 Green (wheel slot 6) 46–53 Turquoise (wheel slot 7) 54–61 Cyan (wheel slot 8) 62–69 Blue (wheel slot 9) 70–77 Lavender (wheel slot 10) 78–85 Mauve (wheel slot 11) 86–93 Magenta (wheel slot 12) 94–101 Pink (wheel slot 13) 102–109 Warm white (wheel slot 14) 110–117 White (wheel slot 15) 118–125 Cold white (wheel slot 16) 126–127 Stop 128–190 Color jumping slow 191–191 Color jumping fast 192–254 Color fading slow 255–255 Color fading fast
4	Zoom	128	0–254 7 255–255 55

5 CH Mode

5 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	White	0	

5 CH Mode (continued)

Ch	Function	Default	DMX values
5	Zoom	128	0–254 7 255–255 55

9 CH Mode

9 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Shutter / Strobe	0	0–5 Open 6–10 Closed 11–32 Pulse Random slow 33–33 Pulse Random fast 34–55 Ramp up Random slow 56–56 Ramp up Random fast 57–78 Ramp down Random slow 79–79 Ramp down Random fast 80–101 Random Strobe Effect slow 102–102 Random Strobe Effect fast 103–127 Strobe Break Effekt; 5s - 1s (Short burst with break) 128–250 Strobe slow -> fast (1Hz - 20Hz) 251–255 Strobe open
3	Red	255	
4	Green	255	
5	Blue	255	
6	White	0	
7	Color Macro1	0	0–5 Open (wheel slot 1) 6–13 Red (wheel slot 2) 14–21 Amber (wheel slot 3) 22–29 Yellow warm (wheel slot 4) 30–37 Yellow (wheel slot 5) 38–45 Green (wheel slot 6) 46–53 Turquoise (wheel slot 7) 54–61 Cyan (wheel slot 8) 62–69 Blue (wheel slot 9) 70–77 Lavender (wheel slot 10) 78–85 Mauve (wheel slot 11) 86–93 Magenta (wheel slot 12) 94–101 Pink (wheel slot 13) 102–109 Warm white (wheel slot 14) 110–117 White (wheel slot 15) 118–125 Cold white (wheel slot 16) 126–127 Stop 128–190 Color jumping slow 191–191 Color jumping fast 192–254 Color fading slow 255–255 Color fading fast
8	Zoom	128	0–254 7 255–255 55

9 CH Mode (continued)

Ch	Function	Default	DMX values
9	Control1	0	0–5 No function 6–27 dimmer response led 28–49 dimmer response halogen 50–93 No function 94–115 pwm 1 800 hz 116–137 pwm 2 1200 hz 138–159 pwm 3 2000hz 160–181 pwm 4 3600 182–203 pwm 5 12khz 204–225 pwm 6 25khz 226–247 Zoom Reset 248–255 No function

10 CH Mode

10 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Red Fine	255	Fine byte of Red
3	Green	255	
4	Green Fine	255	Fine byte of Green
5	Blue	255	
6	Blue Fine	255	Fine byte of Blue
7	White	0	
8	White Fine	0	Fine byte of White
9	Zoom	128	0–254 7 255–255 55
10	Zoom Fine	128	Fine byte of Zoom

11 CH Mode

11 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Shutter / Strobe	0	0–5 Open 6–10 Closed 11–32 Pulse Random slow 33–33 Pulse Random fast 34–55 Ramp up Random slow 56–56 Ramp up Random fast 57–78 Ramp down Random slow 79–79 Ramp down Random fast 80–101 Random Strobe Effect slow 102–102 Random Strobe Effect fast 103–127 Strobe Break Effekt; 5s - 1s (Short burst with break) 128–250 Strobe slow -> fast (1Hz - 20Hz) 251–255 Strobe open
3	Red	255	
4	Green	255	
5	Blue	255	
6	White	0	

11 CH Mode (continued)

Ch	Function	Default	DMX values
7	Color Macro1	0	0–5 Open (wheel slot 1) 6–13 Red (wheel slot 2) 14–21 Amber (wheel slot 3) 22–29 Yellow warm (wheel slot 4) 30–37 Yellow (wheel slot 5) 38–45 Green (wheel slot 6) 46–53 Turquoise (wheel slot 7) 54–61 Cyan (wheel slot 8) 62–69 Blue (wheel slot 9) 70–77 Lavender (wheel slot 10) 78–85 Mauve (wheel slot 11) 86–93 Magenta (wheel slot 12) 94–101 Pink (wheel slot 13) 102–109 Warm white (wheel slot 14) 110–117 White (wheel slot 15) 118–125 Cold white (wheel slot 16) 126–127 Stop 128–190 Color jumping slow 191–191 Color jumping fast 192–254 Color fading slow 255–255 Color fading fast
8	C TC	0	0–5 Off 6–254 Cold 255–255 Warm
9	Zoom	128	0–254 7 255–255 55
10	Dimmer Curve	0	0–5 No function 6–63 Linear Dimmer Curve 64–127 Exponential Dimmer Curve 128–191 logarithmic Dimmer curve 192–255 S- Dimmer Curve
11	Control1	0	0–5 No function 6–27 dimmer response led 28–49 dimmer response halogen 50–93 No function 94–115 pwm 1 800 hz 116–137 pwm 2 1200 hz 138–159 pwm 3 2000hz 160–181 pwm 4 3600 182–203 pwm 5 12khz 204–225 pwm 6 25khz 226–247 Zoom Reset 248–255 No function

17 CH Mode

17 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer

17 CH Mode (continued)

Ch	Function	Default	DMX values
3	Shutter / Strobe	0	0–5 Open 6–10 Closed 11–32 Pulse Random slow 33–33 Pulse Random fast 34–55 Ramp up Random slow 56–56 Ramp up Random fast 57–78 Ramp down Random slow 79–79 Ramp down Random fast 80–101 Random Strobe Effect slow 102–102 Random Strobe Effect fast 103–127 Strobe Break Effekt; 5s - 1s (Short burst with break) 128–250 Strobe slow -> fast (1Hz - 20Hz) 251–255 Strobe open
4	Red	255	
5	Red Fine	255	Fine byte of Red
6	Green	255	
7	Green Fine	255	Fine byte of Green
8	Blue	255	
9	Blue Fine	255	Fine byte of Blue
10	White	0	
11	White Fine	0	Fine byte of White
12	Color Macro1	0	0–5 Open (wheel slot 1) 6–13 Red (wheel slot 2) 14–21 Amber (wheel slot 3) 22–29 Yellow warm (wheel slot 4) 30–37 Yellow (wheel slot 5) 38–45 Green (wheel slot 6) 46–53 Turquoise (wheel slot 7) 54–61 Cyan (wheel slot 8) 62–69 Blue (wheel slot 9) 70–77 Lavender (wheel slot 10) 78–85 Mauve (wheel slot 11) 86–93 Magenta (wheel slot 12) 94–101 Pink (wheel slot 13) 102–109 Warm white (wheel slot 14) 110–117 White (wheel slot 15) 118–125 Cold white (wheel slot 16) 126–127 Stop 128–190 Color jumping slow 191–191 Color jumping fast 192–254 Color fading slow 255–255 Color fading fast
13	C TC	0	0–5 Off 6–254 Cold 255–255 Warm
14	Zoom	128	0–254 7 255–255 55
15	Zoom Fine	128	Fine byte of Zoom
16	Dimmer Curve	0	0–5 No function 6–63 Linear Dimmer Curve 64–127 Exponential Dimmer Curve 128–191 logarithmic Dimmer curve 192–255 S- Dimmer Curve

17 CH Mode (continued)

Ch	Function	Default	DMX values
17	Control1	0	0–5 No function 6–27 dimmer response led 28–49 dimmer response halogen 50–93 No function 94–115 pwm 1 800 hz 116–137 pwm 2 1200 hz 138–159 pwm 3 2000hz 160–181 pwm 4 3600 182–203 pwm 5 12khz 204–225 pwm 6 25khz 226–247 Zoom Reset 248–255 No function