High End Systems

Ministar



Manufacturer	**High End Systems**
Type	**Moving head**
DMX modes	**1**
DMX footprint	**31 channels**
Pan range	**540°**
Tilt range	**255°**
Size (W × H × D)	**267 × 409 × 210 mm**
GDTF fixture type	**D1271CA5-E1A5-4486-B591-7B…**

Controls

Fan · Prism · Colour wheel · Strobe · Dimmer · Gobos · Gobo rotation

Safety-relevant functions

Haze or smoke output · Fixture reset · Service functions · Strobe

DMX modes

Standard 31 ch

Standard

31 channels

Ch	Function	Default	DMX values
1	Pan	127	0–126 Min 127–254 Home 255–255 Max
2	Pan Fine	255	Fine byte of Pan
3	Tilt	127	0–126 Min 127–254 Home 255–255 Max
4	Tilt Fine	255	Fine byte of Tilt
5	Color Macro1	0	
6	Color Wheel1Mode	48	0–15 Indexed 16–31 Forward Spin 32–47 Reverse Spin 48–63 Continuous 64–79 Fast Scan 80–95 Random 96–255 Blink
7	Color Wheel	0	0–3 Open (wheel slot 1) 4–14 Slow 15–29 Open/Yellow 30–44 Yellow (wheel slot 2) 45–59 Yellow/Light Yellow 60–74 Light Yellow (wheel slot 3) 75–89 Light Yellow/Pink 90–104 Pink (wheel slot 4) 105–119 Pink/Straw 120–134 Straw (wheel slot 5) 135–149 Straw/Soft White 150–164 Soft White (wheel slot 6) 165–179 Soft White/Neon Pink 180–194 Neon Pink (wheel slot 7) 195–209 Neon Pink/Sky Blue 210–224 Sky Blue (wheel slot 8) 225–239 Sky Blue/Open 240–254 Open (wheel slot 1) 255–255 Fast
8	Color Wheel2Mode	0	0–15 Indexed 16–31 Forward Spin 32–47 Reverse Spin 48–63 Continuous 64–79 Fast Scan 80–95 Random 96–255 Blink

Standard (continued)

Ch	Function	Default	DMX values
9	Color Wheel 2	0	0–3 Open (wheel slot 1) 4–14 Slow 15–29 Open/Deep Lavender 30–44 Deep Lavender (wheel slot 2) 45–59 Deep Lavender/Full CTB 60–74 Full CTB (wheel slot 3) 75–89 Full CTB/Daylight Blue 90–104 Daylight Blue (wheel slot 4) 105–119 Daylight Blue/Azalea 120–134 Azalea (wheel slot 5) 135–149 Azalea/Arctic Blue 150–164 Arctic Blue (wheel slot 6) 165–179 Arctic Blue/Neutral White 180–194 Neutral White (wheel slot 7) 195–209 Neutral White/Primary Blue 210–224 Primary Blue (wheel slot 8) 225–239 Primary Blue/Open 240–254 Open (wheel slot 1) 255–255 Fast
10	Gobo Wheel1Mode	0	0–15 Indexed 16–31 Forward Spin 32–47 Reverse Spin 48–63 Scan 64–255 Random
11	Gobo	0	0–3 Open (wheel slot 1) 4–15 Slow 16–31 Bar (wheel slot 2) 32–47 Quadricles (wheel slot 3) 48–63 Broken Tunnel (wheel slot 4) 64–79 Seashell (wheel slot 5) 80–95 Shower (wheel slot 6) 96–111 Ice (wheel slot 7) 112–254 Open (wheel slot 1) 255–255 Fast
12	Gobo1Mode	0	0–15 Indexed 16–31 Forward Spin 32–47 Reverse Spin 48–63 Forward Animate 64–255 Reverse Animate
13	Gobo Rotation	0	0–3 0 4–126 Slow 127–254 180 255–255 359
14	Gobo Rotation Fine	0	Fine byte of Gobo Rotation
15	Gobo Wheel2Mode	0	0–15 Indexed 16–31 Forward Spin 32–47 Reverse Spin 48–63 Scan 64–255 Random

Standard (continued)

Ch	Function	Default	DMX values
16	Gobo Wheel2	0	0–3 Open (wheel slot 1) 4–15 Slow 16–31 Shattered (wheel slot 2) 32–47 Misc Spot (wheel slot 3) 48–63 Light Organic (wheel slot 4) 64–79 Thatch (wheel slot 5) 80–95 Across (wheel slot 6) 96–111 Triangles (wheel slot 7) 112–127 Daisey (wheel slot 8) 128–143 Big Dot (wheel slot 9) 144–159 Dot (wheel slot 10) 160–254 Open (wheel slot 1) 255–255 Fast
17	Prism1Mode	0	0–15 Disengaged 16–31 Continuous 32–47 Forward Spin 48–63 Reverse Spin 64–79 Forward Animate 80–255 Reverse Animate
18	Prism	127	0–3 Removed 4–126 Slow 127–254 180 255–255 359
19	Prism Fine	255	Fine byte of Prism
20	Diffusion1	0	0–0 Open 1–127 Hard Edge 128–135 Soft Edge 136–151 Periodic Strobe 152–167 Random Strobe 168–255 Open
21	Focus	127	0–126 Min 127–254 Home 255–255 Max
22	Focus Fine	255	Fine byte of Focus
23	Zoom	127	0–126 Min 127–254 Home 255–255 Max
24	Zoom Fine	255	Fine byte of Zoom
25	Strobe1Mode	0	0–31 Normal 32–63 Random 64–95 Synchronous Random 96–255 Normal
26	Strobe1	255	0–23 Closed 24–228 Slow 229–229 Fast 230–255 Open
27	Dimmer	0	0–126 Off 127–254 50% 255–255 Full
28	Dimmer Fine	0	Fine byte of Dimmer
29	Global MSpeed	0	0–3 Off 4–254 Slow 255–255 Fast

Standard (continued)

Ch	Function	Default	DMX values
30	Control1	0	0–31 Idle 32–47 Display Off (Hold 3) 48–79 Display On (Hold 3) 80–95 Home all (Hold 3) 96–111 Shutdown (Hold 9) 112–127 Disable Pan Tilt Motors (Hold 3) 128–143 Dimming Mode - 2:4KHz (Hold 3) 144–255 Dimming Mode - 16KHz (Hold 3)
31	Fan	0	0–15 Idle 16–206 Slow 207–207 Fast 208–223 Auto 224–255 Studio