ADJ

Hydro Hybrid



Manufacturer	**ADJ**
Type	**Moving head**
DMX modes	**3**
DMX footprint	**24, 27, 32 channels**
Beam angle	**1.6-39°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**300 × 540 × 230 mm**
GDTF fixture type	**10E2AD71-CAD4-498D-A9E7-5…**

Controls

Focus · Frost · Prism · Prism rotation · Zoom · CMY colour mixing · Colour wheel · Strobe · Dimmer · Pan and tilt · Movement speed · Animation wheel · Gobos · Gobo rotation

Safety-relevant functions

Lamp on and off · Fixture reset · Strobe

DMX modes

24Ch	24 ch
27Ch	27 ch
32Ch	32 ch

24Ch

24 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Tilt	128	
3	Cyan	0	0–126 0 % 127–254 50 % 255–255 100 %
4	Magenta	0	0–126 0 % 127–254 50 % 255–255 100 %
5	Yellow	0	0–126 0 % 127–254 50 % 255–255 100 %
6	Color Wheel	0	0–4 Color (open) (wheel slot 14) 5–9 Red (wheel slot 1) 10–14 Blue (wheel slot 2) 15–19 Green (wheel slot 3) 20–24 Amber (wheel slot 4) 25–29 Orange (wheel slot 5) 30–34 Mint (wheel slot 6) 35–39 Pink (wheel slot 7) 40–44 Lavender (wheel slot 8) 45–49 Fucia (wheel slot 9) 50–54 UV (wheel slot 10) 55–59 2700K (wheel slot 11) 60–64 3200K (wheel slot 12) 65–69 4000K (wheel slot 13) 70–78 Open (wheel slot 14) 79–79 Open/Red (wheel slot 14) 80–88 Red (wheel slot 1) 89–89 Red/Blue (wheel slot 1) 90–98 Blue (wheel slot 2) 99–99 Blue / Green (wheel slot 2) 100–108 Green (wheel slot 3) 109–109 Green / Amber (wheel slot 3) 110–117 Amber (wheel slot 4) 118–119 Amber / Orange (wheel slot 4) 120–127 Orange (wheel slot 5) 128–129 Orange - Mint (wheel slot 5) 130–137 Mint (wheel slot 6) 138–139 Mint - Pink (wheel slot 6) 140–147 Pink (wheel slot 7) 148–149 Pink - Lavender (wheel slot 7) 150–156 Lavender (wheel slot 8) 157–159 Lavender - Fucia (wheel slot 8) 160–166 Fucia (wheel slot 9) 167–169 Fucia - UV (wheel slot 9) 170–175 UV (wheel slot 10) 176–179 UV - 2700K (wheel slot 10) 180–185 2700K (wheel slot 11) 186–189 2700K - 3200K (wheel slot 11) 190–195 3200K (wheel slot 12) 196–199 3200K - 4000K (wheel slot 12) 200–204 4000K (wheel slot 13) 205–209 4000K - Open (wheel slot 13) 210–212 Open (wheel slot 14) 213–232 Clockwise Color Wheel Rotation fast to slow 233–235 No Rotation 236–255 Counter-Clockwise Color Wheel Rotation slow to fa…

24Ch (continued)

Ch	Function	Default	DMX values
7	Color Wheel 2	0	0–31 Off (wheel slot 28) 32–39 Color Macro 1 (wheel slot 1) 40–47 Color Macro 2 (wheel slot 2) 48–55 Color Macro 3 (wheel slot 3) 56–63 Color Macro 4 (wheel slot 4) 64–71 Color Macro 5 (wheel slot 5) 72–79 Color Macro 6 (wheel slot 6) 80–87 Color Macro 7 (wheel slot 7) 88–95 Color Macro 8 (wheel slot 8) 96–103 Color Macro 9 (wheel slot 9) 104–111 Color Macro 10 (wheel slot 10) 112–119 Color Macro 11 (wheel slot 11) 120–127 Color Macro 12 (wheel slot 12) 128–135 Color Macro 13 (wheel slot 13) 136–143 Color Macro 14 (wheel slot 14) 144–151 Color Macro 15 (wheel slot 15) 152–159 Color Macro 16 (wheel slot 16) 160–167 Color Macro 17 (wheel slot 17) 168–175 Color Macro 18 (wheel slot 18) 176–183 Color Macro 19 (wheel slot 19) 184–191 Color Macro 20 (wheel slot 20) 192–199 Color Macro 21 (wheel slot 21) 200–207 Color Macro 22 (wheel slot 22) 208–215 Color Macro 23 (wheel slot 23) 216–223 Color Macro 24 (wheel slot 24) 224–231 Color Macro 25 (wheel slot 25) 232–239 Color Macro 26 (wheel slot 26) 240–247 Color Macro 27 (wheel slot 27) 248–255 Random CMY
8	Gobo	0	0–2 Beam Mode (wheel slot 1) 3–5 Spot Mode (wheel slot 2) 6–15 Gobo 1 (wheel slot 3) 16–25 Gobo 2 (wheel slot 4) 26–35 Gobo 3 (wheel slot 5) 36–45 Gobo 4 (wheel slot 6) 46–55 Gobo 5 (wheel slot 7) 56–65 Gobo 6 (wheel slot 8) 66–75 Gobo 7 (wheel slot 9) 76–85 Gobo 8 (wheel slot 10) 86–95 Gobo 9 (wheel slot 11) 96–105 Gobo 1 (wheel slot 3) 106–115 Gobo 2 (wheel slot 4) 116–125 Gobo 3 (wheel slot 5) 126–135 Gobo 4 (wheel slot 6) 136–145 Gobo 5 (wheel slot 7) 146–155 Gobo 6 (wheel slot 8) 156–165 Gobo 7 (wheel slot 9) 166–175 Gobo 8 (wheel slot 10) 176–190 Gobo 9 (wheel slot 11) 191–192 Open (wheel slot 12) 193–223 CW slow to fast 224–224 No Rotation 225–255 CCW Rot Fast to slow
9	Gobo Rotation	0	0–5 Gobo 1 Rotation Off 6–128 0 to 540 129–191 Clockwise Gobo Rotation slow to fast 192–192 No Rotation 193–255 Counter Clockwise Gobo Rotation fast to slow

24Ch (continued)

Ch	Function	Default	DMX values
10	Gobo 2	0	0–2 Open (wheel slot 1) 3–11 Gobo 1 (wheel slot 2) 12–20 Gobo 2 (wheel slot 3) 21–29 Gobo 3 (wheel slot 4) 30–38 Gobo 4 (wheel slot 5) 39–47 Gobo 5 (wheel slot 6) 48–56 Gobo 6 (wheel slot 7) 57–65 Gobo 7 (wheel slot 8) 66–74 Gobo 8 (wheel slot 9) 75–83 Gobo 9 (wheel slot 10) 84–92 Gobo 10 (wheel slot 11) 93–101 Gobo 11 (wheel slot 12) 102–110 Gobo 12 (wheel slot 13) 111–119 Gobo 13 (wheel slot 14) 120–128 Gobo 14 (wheel slot 15) 129–131 Open (wheel slot 1) 132–135 Gobo 1 (wheel slot 2) 136–139 Gobo 2 (wheel slot 3) 140–143 Gobo 3 (wheel slot 4) 144–147 Gobo 4 (wheel slot 5) 148–151 Gobo 5 (wheel slot 6) 152–155 Gobo 6 (wheel slot 7) 156–159 Gobo 7 (wheel slot 8) 160–163 Gobo 8 (wheel slot 9) 164–167 Gobo 9 (wheel slot 10) 168–171 Gobo 10 (wheel slot 11) 172–175 Gobo 11 (wheel slot 12) 176–179 Gobo 12 (wheel slot 13) 180–183 Gobo 13 (wheel slot 14) 184–187 Gobo 14 (wheel slot 15) 188–191 Open (wheel slot 1) 192–221 CW Rot Slow to fast 222–223 No rotation 224–255 CCW Rot fast to slow
11	Shutter / Strobe	32	0–31 Shutter Close 32–63 Shutter Open 64–95 Strobe Slow to Fast 96–127 Shutter Open 128–159 Pulse Slow to Fast 160–191 Shutter Open 192–223 Strobe Slow to fast 224–255 Shutter Open
12	Dimmer	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
13	Prism	0	0–5 No Prism(Open) 6–255 Prism 1 (wheel slot 1)
14	Prism Rotation	6	0–5 Prism Rotation OFF 6–128 Prism Indexing 0 to 540 129–191 Slow to Fast CW 192–192 No Rotation 193–255 Fast and Slow CCW
15	Prism	0	0–5 No Prism(Open) 6–255 Prism 2 (wheel slot 2)
16	Prism Rotation	6	0–5 Prism Rotation OFF 6–128 Prism Indexing 0 to 540 129–191 Slow to Fast CW 192–192 No Rotation 193–255 Fast and Slow CCW

24Ch (continued)

Ch	Function	Default	DMX values
17	Prism	0	0–14 No Prism - Open 15–29 Macro 1 30–44 Macro 2 45–59 Macro 3 60–74 Macro 4 75–89 Macro 5 90–104 Macro 6 105–119 Macro 7 120–134 Macro 8 135–149 Macro 9 150–164 Macro 10 165–179 Macro 11 180–194 Macro 12 195–209 Macro 13 210–224 Macro 14 225–239 Macro 15 240–255 Macro 16
18	Focus	0	
19	Zoom	0	
20	Frost1	0	0–126 0 % 127–254 50 % 255–255 100 %
21	Animation Wheel1	0	0–5 Open 6–127 0 to 540 128–191 CW Rot fast to slow 192–192 No Rot 193–255 CCW Rot slow to fast
22	Color Macro1Rate	0	
23	Position MSpeed	0	0–225 Fast to Slow 226–235 Blackout by movement 236–245 Blackout by all wheel changing 246–255 No Function
24	Function	0	0–89 No Function 90–99 Aria ON (Default) (Hold 3s) 100–109 Aria OFF (Hold 5s) 110–119 Lamp On (Hold 3s) 120–129 Lamp Off (Hold 5s) 130–139 Invert Pan on (Hold 3s) 140–149 Invert Pan off (Hold 5s) 150–159 Invert Tilt on (Hold 3s) 160–169 Invert Tilt off (Hold 5s) 170–179 Display Backlight ON (Hold 3s) 180–189 Display Backlight OFF (Hold 5s) 190–199 Hibernation Enable (Hold 3s) 200–209 Hibernation OFF (Hold 5s) 210–214 Color Reset (Hold 3s) 215–219 Gobo Reset (Hold 3s) 220–224 Focus and Zoom Reset (Hold 3s) 225–229 Shutter Reset (Hold 3s) 230–234 Reset Pan/Tilt (Hold 3s) 235–239 Reset Head Only (Hold 3s) 240–244 Reset Effects (Hold 3s) 245–249 Reset All Functions (Hold 3s) 250–255 No Function

27Ch

27 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	128	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	128	Fine byte of Tilt
5	Cyan	0	0–126 0 % 127–254 50 % 255–255 100 %
6	Magenta	0	0–126 0 % 127–254 50 % 255–255 100 %
7	Yellow	0	0–126 0 % 127–254 50 % 255–255 100 %
8	Color Wheel	0	0–4 Color (open) (wheel slot 14) 5–9 Red (wheel slot 1) 10–14 Blue (wheel slot 2) 15–19 Green (wheel slot 3) 20–24 Amber (wheel slot 4) 25–29 Orange (wheel slot 5) 30–34 Mint (wheel slot 6) 35–39 Pink (wheel slot 7) 40–44 Lavender (wheel slot 8) 45–49 Fucia (wheel slot 9) 50–54 UV (wheel slot 10) 55–59 2700K (wheel slot 11) 60–64 3200K (wheel slot 12) 65–69 4000K (wheel slot 13) 70–78 Open (wheel slot 14) 79–79 Open/Red (wheel slot 14) 80–88 Red (wheel slot 1) 89–89 Red/Blue (wheel slot 1) 90–98 Blue (wheel slot 2) 99–99 Blue / Green (wheel slot 2) 100–108 Green (wheel slot 3) 109–109 Green / Amber (wheel slot 3) 110–117 Amber (wheel slot 4) 118–119 Amber / Orange (wheel slot 4) 120–127 Orange (wheel slot 5) 128–129 Orange - Mint (wheel slot 5) 130–137 Mint (wheel slot 6) 138–139 Mint - Pink (wheel slot 6) 140–147 Pink (wheel slot 7) 148–149 Pink - Lavender (wheel slot 7) 150–156 Lavender (wheel slot 8) 157–159 Lavender - Fucia (wheel slot 8) 160–166 Fucia (wheel slot 9) 167–169 Fucia - UV (wheel slot 9) 170–175 UV (wheel slot 10) 176–179 UV - 2700K (wheel slot 10) 180–185 2700K (wheel slot 11) 186–189 2700K - 3200K (wheel slot 11) 190–195 3200K (wheel slot 12) 196–199 3200K - 4000K (wheel slot 12) 200–204 4000K (wheel slot 13) 205–209 4000K - Open (wheel slot 13) 210–212 Open (wheel slot 14) 213–232 Clockwise Color Wheel Rotation fast to slow 233–235 No Rotation 236–255 Counter-Clockwise Color Wheel Rotation slow to fa…

27Ch (continued)

Ch	Function	Default	DMX values
9	Color Wheel 2	0	0–31 Off (wheel slot 28) 32–39 Color Macro 1 (wheel slot 1) 40–47 Color Macro 2 (wheel slot 2) 48–55 Color Macro 3 (wheel slot 3) 56–63 Color Macro 4 (wheel slot 4) 64–71 Color Macro 5 (wheel slot 5) 72–79 Color Macro 6 (wheel slot 6) 80–87 Color Macro 7 (wheel slot 7) 88–95 Color Macro 8 (wheel slot 8) 96–103 Color Macro 9 (wheel slot 9) 104–111 Color Macro 10 (wheel slot 10) 112–119 Color Macro 11 (wheel slot 11) 120–127 Color Macro 12 (wheel slot 12) 128–135 Color Macro 13 (wheel slot 13) 136–143 Color Macro 14 (wheel slot 14) 144–151 Color Macro 15 (wheel slot 15) 152–159 Color Macro 16 (wheel slot 16) 160–167 Color Macro 17 (wheel slot 17) 168–175 Color Macro 18 (wheel slot 18) 176–183 Color Macro 19 (wheel slot 19) 184–191 Color Macro 20 (wheel slot 20) 192–199 Color Macro 21 (wheel slot 21) 200–207 Color Macro 22 (wheel slot 22) 208–215 Color Macro 23 (wheel slot 23) 216–223 Color Macro 24 (wheel slot 24) 224–231 Color Macro 25 (wheel slot 25) 232–239 Color Macro 26 (wheel slot 26) 240–247 Color Macro 27 (wheel slot 27) 248–255 Random CMY
10	Gobo	0	0–2 Beam Mode (wheel slot 1) 3–5 Spot Mode (wheel slot 2) 6–15 Gobo 1 (wheel slot 3) 16–25 Gobo 2 (wheel slot 4) 26–35 Gobo 3 (wheel slot 5) 36–45 Gobo 4 (wheel slot 6) 46–55 Gobo 5 (wheel slot 7) 56–65 Gobo 6 (wheel slot 8) 66–75 Gobo 7 (wheel slot 9) 76–85 Gobo 8 (wheel slot 10) 86–95 Gobo 9 (wheel slot 11) 96–105 Gobo 1 (wheel slot 3) 106–115 Gobo 2 (wheel slot 4) 116–125 Gobo 3 (wheel slot 5) 126–135 Gobo 4 (wheel slot 6) 136–145 Gobo 5 (wheel slot 7) 146–155 Gobo 6 (wheel slot 8) 156–165 Gobo 7 (wheel slot 9) 166–175 Gobo 8 (wheel slot 10) 176–190 Gobo 9 (wheel slot 11) 191–192 Open (wheel slot 12) 193–223 CW slow to fast 224–224 No Rotation 225–255 CCW Rot Fast to slow
11	Gobo Rotation	0	0–5 Gobo 1 Rotation Off 6–128 0 to 540 129–191 Clockwise Gobo Rotation slow to fast 192–192 No Rotation 193–255 Counter Clockwise Gobo Rotation fast to slow

27Ch (continued)

Ch	Function	Default	DMX values
12	Gobo 2	0	0–2 Open (wheel slot 1) 3–11 Gobo 1 (wheel slot 2) 12–20 Gobo 2 (wheel slot 3) 21–29 Gobo 3 (wheel slot 4) 30–38 Gobo 4 (wheel slot 5) 39–47 Gobo 5 (wheel slot 6) 48–56 Gobo 6 (wheel slot 7) 57–65 Gobo 7 (wheel slot 8) 66–74 Gobo 8 (wheel slot 9) 75–83 Gobo 9 (wheel slot 10) 84–92 Gobo 10 (wheel slot 11) 93–101 Gobo 11 (wheel slot 12) 102–110 Gobo 12 (wheel slot 13) 111–119 Gobo 13 (wheel slot 14) 120–128 Gobo 14 (wheel slot 15) 129–131 Open (wheel slot 1) 132–135 Gobo 1 (wheel slot 2) 136–139 Gobo 2 (wheel slot 3) 140–143 Gobo 3 (wheel slot 4) 144–147 Gobo 4 (wheel slot 5) 148–151 Gobo 5 (wheel slot 6) 152–155 Gobo 6 (wheel slot 7) 156–159 Gobo 7 (wheel slot 8) 160–163 Gobo 8 (wheel slot 9) 164–167 Gobo 9 (wheel slot 10) 168–171 Gobo 10 (wheel slot 11) 172–175 Gobo 11 (wheel slot 12) 176–179 Gobo 12 (wheel slot 13) 180–183 Gobo 13 (wheel slot 14) 184–187 Gobo 14 (wheel slot 15) 188–191 Open (wheel slot 1) 192–221 CW Rot Slow to fast 222–223 No rotation 224–255 CCW Rot fast to slow
13	Shutter / Strobe	32	0–31 Shutter Close 32–63 Shutter Open 64–95 Strobe Slow to Fast 96–127 Shutter Open 128–159 Pulse Slow to Fast 160–191 Shutter Open 192–223 Strobe Slow to fast 224–255 Shutter Open
14	Dimmer	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
15	Dimmer Fine	0	Fine byte of Dimmer
16	Prism	0	0–5 No Prism(Open) 6–255 Prism 1 (wheel slot 1)
17	Prism Rotation	6	0–5 Prism Rotation OFF 6–128 Prism Indexing 0 to 540 129–191 Slow to Fast CW 192–192 No Rotation 193–255 Fast and Slow CCW
18	Prism	0	0–5 No Prism(Open) 6–255 Prism 2 (wheel slot 2)

27Ch (continued)

Ch	Function	Default	DMX values
19	Prism Rotation	6	0–5 Prism Rotation OFF 6–128 Prism Indexing 0 to 540 129–191 Slow to Fast CW 192–192 No Rotation 193–255 Fast and Slow CCW
20	Prism	0	0–14 No Prism - Open 15–29 Macro 1 30–44 Macro 2 45–59 Macro 3 60–74 Macro 4 75–89 Macro 5 90–104 Macro 6 105–119 Macro 7 120–134 Macro 8 135–149 Macro 9 150–164 Macro 10 165–179 Macro 11 180–194 Macro 12 195–209 Macro 13 210–224 Macro 14 225–239 Macro 15 240–255 Macro 16
21	Focus	0	
22	Zoom	0	
23	Frost1	0	0–126 0 % 127–254 50 % 255–255 100 %
24	Animation Wheel1	0	0–5 Open 6–127 0 to 540 128–191 CW Rot fast to slow 192–192 No Rot 193–255 CCW Rot slow to fast
25	Color Macro1Rate	0	
26	Position MSpeed	0	0–225 Fast to Slow 226–235 Blackout by movement 236–245 Blackout by all wheel changing 246–255 No Function
27	Function	0	0–89 No Function 90–99 Aria ON (Default) (Hold 3s) 100–109 Aria OFF (Hold 5s) 110–119 Lamp On (Hold 3s) 120–129 Lamp Off (Hold 5s) 130–139 Invert Pan on (Hold 3s) 140–149 Invert Pan off (Hold 5s) 150–159 Invert Tilt on (Hold 3s) 160–169 Invert Tilt off (Hold 5s) 170–179 Display Backlight ON (Hold 3s) 180–189 Display Backlight OFF (Hold 5s) 190–199 Hibernation Enable (Hold 3s) 200–209 Hibernation OFF (Hold 5s) 210–214 Color Reset (Hold 3s) 215–219 Gobo Reset (Hold 3s) 220–224 Focus and Zoom Reset (Hold 3s) 225–229 Shutter Reset (Hold 3s) 230–234 Reset Pan/Tilt (Hold 3s) 235–239 Reset Head Only (Hold 3s) 240–244 Reset Effects (Hold 3s) 245–249 Reset All Functions (Hold 3s) 250–255 No Function

32Ch

32 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	128	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	128	Fine byte of Tilt
5	Cyan	0	0–126 0 % 127–254 50 % 255–255 100 %
6	Cyan Fine	0	Fine byte of Cyan
7	Magenta	0	0–126 0 % 127–254 50 % 255–255 100 %
8	Magenta Fine	0	Fine byte of Magenta
9	Yellow	0	0–126 0 % 127–254 50 % 255–255 100 %
10	Yellow Fine	0	Fine byte of Yellow

32Ch (continued)

Ch	Function	Default	DMX values
11	Color Wheel	0	0–4 Color (open) (wheel slot 14) 5–9 Red (wheel slot 1) 10–14 Blue (wheel slot 2) 15–19 Green (wheel slot 3) 20–24 Amber (wheel slot 4) 25–29 Orange (wheel slot 5) 30–34 Mint (wheel slot 6) 35–39 Pink (wheel slot 7) 40–44 Lavender (wheel slot 8) 45–49 Fucia (wheel slot 9) 50–54 UV (wheel slot 10) 55–59 2700K (wheel slot 11) 60–64 3200K (wheel slot 12) 65–69 4000K (wheel slot 13) 70–78 Open (wheel slot 14) 79–79 Open/Red (wheel slot 14) 80–88 Red (wheel slot 1) 89–89 Red/Blue (wheel slot 1) 90–98 Blue (wheel slot 2) 99–99 Blue / Green (wheel slot 2) 100–108 Green (wheel slot 3) 109–109 Green / Amber (wheel slot 3) 110–117 Amber (wheel slot 4) 118–119 Amber / Orange (wheel slot 4) 120–127 Orange (wheel slot 5) 128–129 Orange - Mint (wheel slot 5) 130–137 Mint (wheel slot 6) 138–139 Mint - Pink (wheel slot 6) 140–147 Pink (wheel slot 7) 148–149 Pink - Lavender (wheel slot 7) 150–156 Lavender (wheel slot 8) 157–159 Lavender - Fucia (wheel slot 8) 160–166 Fucia (wheel slot 9) 167–169 Fucia - UV (wheel slot 9) 170–175 UV (wheel slot 10) 176–179 UV - 2700K (wheel slot 10) 180–185 2700K (wheel slot 11) 186–189 2700K - 3200K (wheel slot 11) 190–195 3200K (wheel slot 12) 196–199 3200K - 4000K (wheel slot 12) 200–204 4000K (wheel slot 13) 205–209 4000K - Open (wheel slot 13) 210–212 Open (wheel slot 14) 213–232 Clockwise Color Wheel Rotation fast to slow 233–235 No Rotation 236–255 Counter-Clockwise Color Wheel Rotation slow to fa…

32Ch (continued)

Ch	Function	Default	DMX values
12	Color Wheel 2	0	0–31 Off (wheel slot 28) 32–39 Color Macro 1 (wheel slot 1) 40–47 Color Macro 2 (wheel slot 2) 48–55 Color Macro 3 (wheel slot 3) 56–63 Color Macro 4 (wheel slot 4) 64–71 Color Macro 5 (wheel slot 5) 72–79 Color Macro 6 (wheel slot 6) 80–87 Color Macro 7 (wheel slot 7) 88–95 Color Macro 8 (wheel slot 8) 96–103 Color Macro 9 (wheel slot 9) 104–111 Color Macro 10 (wheel slot 10) 112–119 Color Macro 11 (wheel slot 11) 120–127 Color Macro 12 (wheel slot 12) 128–135 Color Macro 13 (wheel slot 13) 136–143 Color Macro 14 (wheel slot 14) 144–151 Color Macro 15 (wheel slot 15) 152–159 Color Macro 16 (wheel slot 16) 160–167 Color Macro 17 (wheel slot 17) 168–175 Color Macro 18 (wheel slot 18) 176–183 Color Macro 19 (wheel slot 19) 184–191 Color Macro 20 (wheel slot 20) 192–199 Color Macro 21 (wheel slot 21) 200–207 Color Macro 22 (wheel slot 22) 208–215 Color Macro 23 (wheel slot 23) 216–223 Color Macro 24 (wheel slot 24) 224–231 Color Macro 25 (wheel slot 25) 232–239 Color Macro 26 (wheel slot 26) 240–247 Color Macro 27 (wheel slot 27) 248–255 Random CMY
13	Gobo	0	0–2 Beam Mode (wheel slot 1) 3–5 Spot Mode (wheel slot 2) 6–15 Gobo 1 (wheel slot 3) 16–25 Gobo 2 (wheel slot 4) 26–35 Gobo 3 (wheel slot 5) 36–45 Gobo 4 (wheel slot 6) 46–55 Gobo 5 (wheel slot 7) 56–65 Gobo 6 (wheel slot 8) 66–75 Gobo 7 (wheel slot 9) 76–85 Gobo 8 (wheel slot 10) 86–95 Gobo 9 (wheel slot 11) 96–105 Gobo 1 (wheel slot 3) 106–115 Gobo 2 (wheel slot 4) 116–125 Gobo 3 (wheel slot 5) 126–135 Gobo 4 (wheel slot 6) 136–145 Gobo 5 (wheel slot 7) 146–155 Gobo 6 (wheel slot 8) 156–165 Gobo 7 (wheel slot 9) 166–175 Gobo 8 (wheel slot 10) 176–190 Gobo 9 (wheel slot 11) 191–192 Open (wheel slot 12) 193–223 CW slow to fast 224–224 No Rotation 225–255 CCW Rot Fast to slow
14	Gobo Rotation	0	0–5 Gobo 1 Rotation Off 6–128 0 to 540 129–191 Clockwise Gobo Rotation slow to fast 192–192 No Rotation 193–255 Counter Clockwise Gobo Rotation fast to slow

32Ch (continued)

Ch	Function	Default	DMX values
15	Gobo 2	0	0–2 Open (wheel slot 1) 3–11 Gobo 1 (wheel slot 2) 12–20 Gobo 2 (wheel slot 3) 21–29 Gobo 3 (wheel slot 4) 30–38 Gobo 4 (wheel slot 5) 39–47 Gobo 5 (wheel slot 6) 48–56 Gobo 6 (wheel slot 7) 57–65 Gobo 7 (wheel slot 8) 66–74 Gobo 8 (wheel slot 9) 75–83 Gobo 9 (wheel slot 10) 84–92 Gobo 10 (wheel slot 11) 93–101 Gobo 11 (wheel slot 12) 102–110 Gobo 12 (wheel slot 13) 111–119 Gobo 13 (wheel slot 14) 120–128 Gobo 14 (wheel slot 15) 129–131 Open (wheel slot 1) 132–135 Gobo 1 (wheel slot 2) 136–139 Gobo 2 (wheel slot 3) 140–143 Gobo 3 (wheel slot 4) 144–147 Gobo 4 (wheel slot 5) 148–151 Gobo 5 (wheel slot 6) 152–155 Gobo 6 (wheel slot 7) 156–159 Gobo 7 (wheel slot 8) 160–163 Gobo 8 (wheel slot 9) 164–167 Gobo 9 (wheel slot 10) 168–171 Gobo 10 (wheel slot 11) 172–175 Gobo 11 (wheel slot 12) 176–179 Gobo 12 (wheel slot 13) 180–183 Gobo 13 (wheel slot 14) 184–187 Gobo 14 (wheel slot 15) 188–191 Open (wheel slot 1) 192–221 CW Rot Slow to fast 222–223 No rotation 224–255 CCW Rot fast to slow
16	Shutter / Strobe	32	0–31 Shutter Close 32–63 Shutter Open 64–95 Strobe Slow to Fast 96–127 Shutter Open 128–159 Pulse Slow to Fast 160–191 Shutter Open 192–223 Strobe Slow to fast 224–255 Shutter Open
17	Dimmer	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
18	Dimmer Fine	0	Fine byte of Dimmer
19	Prism	0	0–5 No Prism(Open) 6–255 Prism 1 (wheel slot 1)
20	Prism Rotation	6	0–5 Prism Rotation OFF 6–128 Prism Indexing 0 to 540 129–191 Slow to Fast CW 192–192 No Rotation 193–255 Fast and Slow CCW
21	Prism	0	0–5 No Prism(Open) 6–255 Prism 2 (wheel slot 2)

32Ch (continued)

Ch	Function	Default	DMX values
22	Prism Rotation	6	0–5 Prism Rotation OFF 6–128 Prism Indexing 0 to 540 129–191 Slow to Fast CW 192–192 No Rotation 193–255 Fast and Slow CCW
23	Prism	0	0–14 No Prism - Open 15–29 Macro 1 30–44 Macro 2 45–59 Macro 3 60–74 Macro 4 75–89 Macro 5 90–104 Macro 6 105–119 Macro 7 120–134 Macro 8 135–149 Macro 9 150–164 Macro 10 165–179 Macro 11 180–194 Macro 12 195–209 Macro 13 210–224 Macro 14 225–239 Macro 15 240–255 Macro 16
24	Focus	0	
25	Focus Fine	0	Fine byte of Focus
26	Zoom	0	
27	Zoom Fine	0	Fine byte of Zoom
28	Frost1	0	0–126 0 % 127–254 50 % 255–255 100 %
29	Animation Wheel1	0	0–5 Open 6–127 0 to 540 128–191 CW Rot fast to slow 192–192 No Rot 193–255 CCW Rot slow to fast
30	Color Macro1Rate	0	
31	Position MSpeed	0	0–225 Fast to Slow 226–235 Blackout by movement 236–245 Blackout by all wheel changing 246–255 No Function

32Ch (continued)

Ch	Function	Default	DMX values
32	Function	0	0–89 No Function 90–99 Aria ON (Default) (Hold 3s) 100–109 Aria OFF (Hold 5s) 110–119 Lamp On (Hold 3s) 120–129 Lamp Off (Hold 5s) 130–139 Invert Pan on (Hold 3s) 140–149 Invert Pan off (Hold 5s) 150–159 Invert Tilt on (Hold 3s) 160–169 Invert Tilt off (Hold 5s) 170–179 Display Backlight ON (Hold 3s) 180–189 Display Backlight OFF (Hold 5s) 190–199 Hibernation Enable (Hold 3s) 200–209 Hibernation OFF (Hold 5s) 210–214 Color Reset (Hold 3s) 215–219 Gobo Reset (Hold 3s) 220–224 Focus and Zoom Reset (Hold 3s) 225–229 Shutter Reset (Hold 3s) 230–234 Reset Pan/Tilt (Hold 3s) 235–239 Reset Head Only (Hold 3s) 240–244 Reset Effects (Hold 3s) 245–249 Reset All Functions (Hold 3s) 250–255 No Function