ADJ

Protege XS



Manufacturer	**ADJ**
Type	**Moving head**
DMX modes	**3**
DMX footprint	**22, 27, 31 channels**
Beam angle	**4.8-38°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**300 × 400 × 200 mm**
GDTF fixture type	**C344CA4E-242F-4869-8962-87…**

Controls

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

DMX modes

Basic	22 ch
Standard	27 ch
Extended	31 ch

Basic

22 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Tilt	127	
3	Pan Rotate	0	0–6 No fuction 7–130 CW from slow to fast 131–255 CCW from slow to fast
4	Color Wheel	0	0–5 Open (wheel slot 1) 6–11 Open / Red (wheel slot 1) 12–17 Red (wheel slot 2) 18–23 Red / Blue (wheel slot 2) 24–29 Blue (wheel slot 3) 30–35 Blue / Green (wheel slot 3) 36–41 Green (wheel slot 4) 42–47 Green / Orange (wheel slot 4) 48–53 Orange (wheel slot 5) 54–59 Orange / Quad Color 1 (wheel slot 5) 60–65 Quad Color 1 (wheel slot 6) 66–71 Quad Color 1 / Yellow (wheel slot 6) 72–77 Yellow (wheel slot 7) 78–83 Yellow / Magenta (wheel slot 7) 84–89 Magenta (wheel slot 8) 90–95 Magenta / Congo Blue (wheel slot 8) 96–101 Congo Blue (wheel slot 9) 102–107 Congo Blue / Open (wheel slot 9) 108–178 CW Rotation Fast to Slow 179–184 No Rot 185–255 CCW Slow to Fast
5	Color Wheel 2	0	0–5 Open (wheel slot 1) 6–11 Open / Dark Red (wheel slot 1) 12–17 Dark Red (wheel slot 2) 18–23 Dark Red /Light Turquiosise (wheel slot 2) 24–29 Light Turquiosise (wheel slot 3) 30–35 Light Turquiosise / UV (wheel slot 3) 36–41 UV (wheel slot 4) 42–47 UV / Pink (wheel slot 4) 48–53 Pink (wheel slot 5) 54–59 Pink / Quad Color 2 (wheel slot 5) 60–65 Quad Color 2 (wheel slot 6) 66–71 Quad Color 2 / Lavender (wheel slot 6) 72–77 Lavender (wheel slot 7) 78–83 Lavender / CTO (3200K) (wheel slot 7) 84–89 CTO (3200K) (wheel slot 8) 90–95 CTO / CTB (9000K) (wheel slot 8) 96–101 CTB (9000K) (wheel slot 9) 102–107 CTB / Open (wheel slot 9) 108–178 CW Rotation Fast to Slow 179–184 No Rot 185–255 CCW Slow to Fast

Basic (continued)

Ch	Function	Default	DMX values
6	Gobo	0	0–9 Open (wheel slot 1) 10–19 Gobo 1 (wheel slot 2) 20–29 Gobo 2 (wheel slot 3) 30–39 Gobo 3 (wheel slot 4) 40–49 Gobo 4 (wheel slot 5) 50–59 Gobo 5 (wheel slot 6) 60–69 Gobo 6 (wheel slot 7) 70–79 Gobo 7 (wheel slot 8) 80–94 Gobo 1 (wheel slot 2) 95–109 Gobo 2 (wheel slot 3) 110–124 Gobo 3 (wheel slot 4) 125–139 Gobo 4 (wheel slot 5) 140–154 Gobo 5 (wheel slot 6) 155–169 Gobo 6 (wheel slot 7) 170–189 Gobo 7 (wheel slot 8) 190–221 CW Fast to Slow 222–223 Stop 224–255 CCW Slow to Fast
7	Gobo Rotation	0	0–127 Gobo Indexing 0 to 540 128–189 CW Fast to Slow 190–193 No Rotation 194–255 CCW Slow to Fast
8	Gobo 2	0	0–5 Open (wheel slot 1) 6–13 Gobo 1 (wheel slot 2) 14–21 Gobo 2 (wheel slot 3) 22–29 Gobo 3 (wheel slot 4) 30–37 Gobo 4 (wheel slot 5) 38–45 Gobo 5 (wheel slot 6) 46–53 Gobo 6 (wheel slot 7) 54–61 Gobo 7 (wheel slot 8) 62–69 Gobo 8 (wheel slot 9) 70–77 Gobo 9 (wheel slot 10) 78–85 Gobo 10 (wheel slot 11) 86–93 Gobo 11 (wheel slot 12) 94–101 Gobo 1 (wheel slot 2) 102–109 Gobo 2 (wheel slot 3) 110–117 Gobo 3 (wheel slot 4) 118–125 Gobo 4 (wheel slot 5) 126–133 Gobo 5 (wheel slot 6) 134–141 Gobo 6 (wheel slot 7) 142–149 Gobo 7 (wheel slot 8) 150–157 Gobo 8 (wheel slot 9) 158–165 Gobo 9 (wheel slot 10) 166–173 Gobo 10 (wheel slot 11) 174–181 Gobo 11 (wheel slot 12) 182–217 CW Fast to Slow 218–219 Stop 220–255 CCW Slow to Fast
9	Shutter / Strobe	50	0–31 Shutter Closed 32–63 Shutter Open 64–95 Strobe Effect Slow to Fast 96–127 No Function (Shutter Open) 128–159 Pulse-Effect in Sequences 160–191 Shutter Open 192–223 Random Strobe Effect Slow to Fast 224–255 Shutter Open
10	Dimmer	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %

Basic (continued)

Ch	Function	Default	DMX values
11	Prism	0	0–31 No Effect (wheel slot 1) 32–255 Prism 1 (wheel slot 2)
12	Prism	0	0–31 No Effect (wheel slot 1) 32–255 Prism 2 (wheel slot 3)
13	Prism Rotation	0	0–127 Prism Indexing 0 to 540 128–189 CW Fast to Slow 190–193 No Rotation 194–255 CCW Slow to Fast
14	Prism	0	0–9 No Prism Open 10–19 Color Macro 1 20–29 Color Macro 2 30–39 Color Macro 3 40–49 Color Macro 4 50–59 Color Macro 5 60–69 Color Macro 6 70–79 Color Macro 7 80–89 Color Macro 8 90–99 Color Macro 9 100–109 Color Macro 10 110–119 Color Macro 11 120–129 Color Macro 12 130–139 Color Macro 13 140–149 Color Macro 14 150–159 Color Macro 15 160–169 Color Macro 16 170–179 Color Macro 17 180–189 Color Macro 18 190–199 Color Macro 19 200–209 Color Macro 20 210–219 Color Macro 21 220–229 Color Macro 22 230–239 Color Macro 23 240–255 Color Macro 24
15	Focus	127	
16	Zoom	127	
17	Frost1	0	
18	Animation Wheel1	0	0–19 No function 20–127 Enter in proportion 128–170 All on - all in - all out (fast - slow) 171–213 Half open - full access - half open (fast - slow) 214–255 Half open - all out - half open (fast - slow)
19	Animation Wheel1Pos Rotate	0	0–0 No function 1–127 CW fast to slow 128–128 Stop 129–255 CCW slow to fast

Basic (continued)

Ch	Function	Default	DMX values
20	Dimmer Mode	0	0–20 Default to unit setting 21–40 Standard 41–60 Stage 61–80 TV 81–100 Architectural 101–120 Theatre 121–140 Stage 2 141–141 0/1s Delay 142–142 0/2s Delay 143–143 0/3s Delay 144–144 0/4s Delay 145–145 0/5s Delay 146–146 0/6s Delay 147–147 0/7s Delay 148–148 0/8s Delay 149–149 0/9s Delay 150–150 1s Delay 151–151 1/5s Delay 152–152 2s Delay 153–153 3s Delay 154–154 4s Delay 155–155 5s Delay 156–156 6s Delay 157–157 7s Delay 158–158 8s Delay 159–159 9s Delay 160–160 10s Delay 161–255 Default
21	Position MSpeed	0	0–225 Max to Min speed 226–235 Blackout by movement 236–245 Blackout by all wheel changing 246–255 No Function
22	Function	0	

Standard

27 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	127	
4	Tilt Fine	127	Fine byte of Tilt
5	Pan Rotate	0	0–6 No fuction 7–130 CW from slow to fast 131–255 CCW from slow to fast

Standard (continued)

Ch	Function	Default	DMX values
6	Color Wheel	0	0–5 Open (wheel slot 1) 6–11 Open / Red (wheel slot 1) 12–17 Red (wheel slot 2) 18–23 Red / Blue (wheel slot 2) 24–29 Blue (wheel slot 3) 30–35 Blue / Green (wheel slot 3) 36–41 Green (wheel slot 4) 42–47 Green / Orange (wheel slot 4) 48–53 Orange (wheel slot 5) 54–59 Orange / Quad Color 1 (wheel slot 5) 60–65 Quad Color 1 (wheel slot 6) 66–71 Quad Color 1 / Yellow (wheel slot 6) 72–77 Yellow (wheel slot 7) 78–83 Yellow / Magenta (wheel slot 7) 84–89 Magenta (wheel slot 8) 90–95 Magenta / Congo Blue (wheel slot 8) 96–101 Congo Blue (wheel slot 9) 102–107 Congo Blue / Open (wheel slot 9) 108–178 CW Rotation Fast to Slow 179–184 No Rot 185–255 CCW Slow to Fast
7	Color Wheel 2	0	0–5 Open (wheel slot 1) 6–11 Open / Dark Red (wheel slot 1) 12–17 Dark Red (wheel slot 2) 18–23 Dark Red /Light Turquiosise (wheel slot 2) 24–29 Light Turquiosise (wheel slot 3) 30–35 Light Turquiosise / UV (wheel slot 3) 36–41 UV (wheel slot 4) 42–47 UV / Pink (wheel slot 4) 48–53 Pink (wheel slot 5) 54–59 Pink / Quad Color 2 (wheel slot 5) 60–65 Quad Color 2 (wheel slot 6) 66–71 Quad Color 2 / Lavender (wheel slot 6) 72–77 Lavender (wheel slot 7) 78–83 Lavender / CTO (3200K) (wheel slot 7) 84–89 CTO (3200K) (wheel slot 8) 90–95 CTO / CTB (9000K) (wheel slot 8) 96–101 CTB (9000K) (wheel slot 9) 102–107 CTB / Open (wheel slot 9) 108–178 CW Rotation Fast to Slow 179–184 No Rot 185–255 CCW Slow to Fast

Standard (continued)

Ch	Function	Default	DMX values
8	Color Macro1	0	0–31 Off 32–39 Color Macro 1 40–47 Color Macro 2 48–55 Color Macro 3 56–63 Color Macro 4 64–71 Color Macro 5 72–79 Color Macro 6 80–87 Color Macro 7 88–95 Color Macro 8 96–103 Color Macro 9 104–111 Color Macro 10 112–119 Color Macro 11 120–127 Color Macro 12 128–135 Color Macro 13 136–143 Color Macro 14 144–151 Color Macro 15 152–159 Color Macro 16 160–167 Color Macro 17 168–175 Color Macro 18 176–183 Color Macro 19 184–191 Color Macro 20 192–199 Color Macro 21 200–207 Color Macro 22 208–215 Color Macro 23 216–223 Color Macro 24 224–231 Color Macro 25 232–239 Color Macro 26 240–247 Color Macro 27 248–255 Random CMY
9	Gobo	0	0–9 Open (wheel slot 1) 10–19 Gobo 1 (wheel slot 2) 20–29 Gobo 2 (wheel slot 3) 30–39 Gobo 3 (wheel slot 4) 40–49 Gobo 4 (wheel slot 5) 50–59 Gobo 5 (wheel slot 6) 60–69 Gobo 6 (wheel slot 7) 70–79 Gobo 7 (wheel slot 8) 80–94 Gobo 1 (wheel slot 2) 95–109 Gobo 2 (wheel slot 3) 110–124 Gobo 3 (wheel slot 4) 125–139 Gobo 4 (wheel slot 5) 140–154 Gobo 5 (wheel slot 6) 155–169 Gobo 6 (wheel slot 7) 170–189 Gobo 7 (wheel slot 8) 190–221 CW Fast to Slow 222–223 Stop 224–255 CCW Slow to Fast
10	Gobo Rotation	0	0–127 Gobo Indexing 0 to 540 128–189 CW Fast to Slow 190–193 No Rotation 194–255 CCW Slow to Fast
11	Gobo Rotation Fine	0	Fine byte of Gobo Rotation

Standard (continued)

Ch	Function	Default	DMX values
12	Gobo 2	0	0–5 Open (wheel slot 1) 6–13 Gobo 1 (wheel slot 2) 14–21 Gobo 2 (wheel slot 3) 22–29 Gobo 3 (wheel slot 4) 30–37 Gobo 4 (wheel slot 5) 38–45 Gobo 5 (wheel slot 6) 46–53 Gobo 6 (wheel slot 7) 54–61 Gobo 7 (wheel slot 8) 62–69 Gobo 8 (wheel slot 9) 70–77 Gobo 9 (wheel slot 10) 78–85 Gobo 10 (wheel slot 11) 86–93 Gobo 11 (wheel slot 12) 94–101 Gobo 1 (wheel slot 2) 102–109 Gobo 2 (wheel slot 3) 110–117 Gobo 3 (wheel slot 4) 118–125 Gobo 4 (wheel slot 5) 126–133 Gobo 5 (wheel slot 6) 134–141 Gobo 6 (wheel slot 7) 142–149 Gobo 7 (wheel slot 8) 150–157 Gobo 8 (wheel slot 9) 158–165 Gobo 9 (wheel slot 10) 166–173 Gobo 10 (wheel slot 11) 174–181 Gobo 11 (wheel slot 12) 182–217 CW Fast to Slow 218–219 Stop 220–255 CCW Slow to Fast
13	Shutter / Strobe	50	0–31 Shutter Closed 32–63 Shutter Open 64–95 Strobe Effect Slow to Fast 96–127 No Function (Shutter Open) 128–159 Pulse-Effect in Sequences 160–191 Shutter Open 192–223 Random Strobe Effect Slow to Fast 224–255 Shutter Open
14	Dimmer	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
15	Prism	0	0–31 No Effect (wheel slot 1) 32–255 Prism 1 (wheel slot 2)
16	Prism	0	0–31 No Effect (wheel slot 1) 32–255 Prism 2 (wheel slot 3)
17	Prism Rotation	0	0–127 Prism Indexing 0 to 540 128–189 CW Fast to Slow 190–193 No Rotation 194–255 CCW Slow to Fast

Standard (continued)

Ch	Function	Default	DMX values
18	Prism	0	0–9 No Prism Open 10–19 Color Macro 1 20–29 Color Macro 2 30–39 Color Macro 3 40–49 Color Macro 4 50–59 Color Macro 5 60–69 Color Macro 6 70–79 Color Macro 7 80–89 Color Macro 8 90–99 Color Macro 9 100–109 Color Macro 10 110–119 Color Macro 11 120–129 Color Macro 12 130–139 Color Macro 13 140–149 Color Macro 14 150–159 Color Macro 15 160–169 Color Macro 16 170–179 Color Macro 17 180–189 Color Macro 18 190–199 Color Macro 19 200–209 Color Macro 20 210–219 Color Macro 21 220–229 Color Macro 22 230–239 Color Macro 23 240–255 Color Macro 24
19	Focus	127	
20	Zoom	127	
21	Frost1	0	
22	Animation Wheel1	0	0–19 No function 20–127 Enter in proportion 128–170 All on - all in - all out (fast - slow) 171–213 Half open - full access - half open (fast - slow) 214–255 Half open - all out - half open (fast - slow)
23	Animation Wheel1Pos Rotate	0	0–0 No function 1–127 CW fast to slow 128–128 Stop 129–255 CCW slow to fast

Standard (continued)

Ch	Function	Default	DMX values
24	Dimmer Mode	0	0–20 Default to unit setting 21–40 Standard 41–60 Stage 61–80 TV 81–100 Architectural 101–120 Theatre 121–140 Stage 2 141–141 0/1s Delay 142–142 0/2s Delay 143–143 0/3s Delay 144–144 0/4s Delay 145–145 0/5s Delay 146–146 0/6s Delay 147–147 0/7s Delay 148–148 0/8s Delay 149–149 0/9s Delay 150–150 1s Delay 151–151 1/5s Delay 152–152 2s Delay 153–153 3s Delay 154–154 4s Delay 155–155 5s Delay 156–156 6s Delay 157–157 7s Delay 158–158 8s Delay 159–159 9s Delay 160–160 10s Delay 161–255 Default
25	Dimmer Curve	0	0–20 No Function 21–40 Linear 41–60 Square 61–80 Inv Squa 81–100 S Curve 101–255 No Function
26	Position MSpeed	0	0–225 Max to Min speed 226–235 Blackout by movement 236–245 Blackout by all wheel changing 246–255 No Function
27	Function	0	

Extended

31 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	127	
4	Tilt Fine	127	Fine byte of Tilt
5	Pan Rotate	0	0–6 No fuction 7–130 CW from slow to fast 131–255 CCW from slow to fast

Extended (continued)

Ch	Function	Default	DMX values
6	Color Wheel	0	0–5 Open (wheel slot 1) 6–11 Open / Red (wheel slot 1) 12–17 Red (wheel slot 2) 18–23 Red / Blue (wheel slot 2) 24–29 Blue (wheel slot 3) 30–35 Blue / Green (wheel slot 3) 36–41 Green (wheel slot 4) 42–47 Green / Orange (wheel slot 4) 48–53 Orange (wheel slot 5) 54–59 Orange / Quad Color 1 (wheel slot 5) 60–65 Quad Color 1 (wheel slot 6) 66–71 Quad Color 1 / Yellow (wheel slot 6) 72–77 Yellow (wheel slot 7) 78–83 Yellow / Magenta (wheel slot 7) 84–89 Magenta (wheel slot 8) 90–95 Magenta / Congo Blue (wheel slot 8) 96–101 Congo Blue (wheel slot 9) 102–107 Congo Blue / Open (wheel slot 9) 108–178 CW Rotation Fast to Slow 179–184 No Rot 185–255 CCW Slow to Fast
7	Color Wheel 2	0	0–5 Open (wheel slot 1) 6–11 Open / Dark Red (wheel slot 1) 12–17 Dark Red (wheel slot 2) 18–23 Dark Red /Light Turquiosise (wheel slot 2) 24–29 Light Turquiosise (wheel slot 3) 30–35 Light Turquiosise / UV (wheel slot 3) 36–41 UV (wheel slot 4) 42–47 UV / Pink (wheel slot 4) 48–53 Pink (wheel slot 5) 54–59 Pink / Quad Color 2 (wheel slot 5) 60–65 Quad Color 2 (wheel slot 6) 66–71 Quad Color 2 / Lavender (wheel slot 6) 72–77 Lavender (wheel slot 7) 78–83 Lavender / CTO (3200K) (wheel slot 7) 84–89 CTO (3200K) (wheel slot 8) 90–95 CTO / CTB (9000K) (wheel slot 8) 96–101 CTB (9000K) (wheel slot 9) 102–107 CTB / Open (wheel slot 9) 108–178 CW Rotation Fast to Slow 179–184 No Rot 185–255 CCW Slow to Fast

Extended (continued)

Ch	Function	Default	DMX values
8	Color Macro1	0	0–31 Off 32–39 Color Macro 1 40–47 Color Macro 2 48–55 Color Macro 3 56–63 Color Macro 4 64–71 Color Macro 5 72–79 Color Macro 6 80–87 Color Macro 7 88–95 Color Macro 8 96–103 Color Macro 9 104–111 Color Macro 10 112–119 Color Macro 11 120–127 Color Macro 12 128–135 Color Macro 13 136–143 Color Macro 14 144–151 Color Macro 15 152–159 Color Macro 16 160–167 Color Macro 17 168–175 Color Macro 18 176–183 Color Macro 19 184–191 Color Macro 20 192–199 Color Macro 21 200–207 Color Macro 22 208–215 Color Macro 23 216–223 Color Macro 24 224–231 Color Macro 25 232–239 Color Macro 26 240–247 Color Macro 27 248–255 Random CMY
9	Gobo	0	0–9 Open (wheel slot 1) 10–19 Gobo 1 (wheel slot 2) 20–29 Gobo 2 (wheel slot 3) 30–39 Gobo 3 (wheel slot 4) 40–49 Gobo 4 (wheel slot 5) 50–59 Gobo 5 (wheel slot 6) 60–69 Gobo 6 (wheel slot 7) 70–79 Gobo 7 (wheel slot 8) 80–94 Gobo 1 (wheel slot 2) 95–109 Gobo 2 (wheel slot 3) 110–124 Gobo 3 (wheel slot 4) 125–139 Gobo 4 (wheel slot 5) 140–154 Gobo 5 (wheel slot 6) 155–169 Gobo 6 (wheel slot 7) 170–189 Gobo 7 (wheel slot 8) 190–221 CW Fast to Slow 222–223 Stop 224–255 CCW Slow to Fast
10	Gobo Rotation	0	0–127 Gobo Indexing 0 to 540 128–189 CW Fast to Slow 190–193 No Rotation 194–255 CCW Slow to Fast
11	Gobo Rotation Fine	0	Fine byte of Gobo Rotation

Extended (continued)

Ch	Function	Default	DMX values
12	Gobo 2	0	0–5 Open (wheel slot 1) 6–13 Gobo 1 (wheel slot 2) 14–21 Gobo 2 (wheel slot 3) 22–29 Gobo 3 (wheel slot 4) 30–37 Gobo 4 (wheel slot 5) 38–45 Gobo 5 (wheel slot 6) 46–53 Gobo 6 (wheel slot 7) 54–61 Gobo 7 (wheel slot 8) 62–69 Gobo 8 (wheel slot 9) 70–77 Gobo 9 (wheel slot 10) 78–85 Gobo 10 (wheel slot 11) 86–93 Gobo 11 (wheel slot 12) 94–101 Gobo 1 (wheel slot 2) 102–109 Gobo 2 (wheel slot 3) 110–117 Gobo 3 (wheel slot 4) 118–125 Gobo 4 (wheel slot 5) 126–133 Gobo 5 (wheel slot 6) 134–141 Gobo 6 (wheel slot 7) 142–149 Gobo 7 (wheel slot 8) 150–157 Gobo 8 (wheel slot 9) 158–165 Gobo 9 (wheel slot 10) 166–173 Gobo 10 (wheel slot 11) 174–181 Gobo 11 (wheel slot 12) 182–217 CW Fast to Slow 218–219 Stop 220–255 CCW Slow to Fast
13	Shutter / Strobe	50	0–31 Shutter Closed 32–63 Shutter Open 64–95 Strobe Effect Slow to Fast 96–127 No Function (Shutter Open) 128–159 Pulse-Effect in Sequences 160–191 Shutter Open 192–223 Random Strobe Effect Slow to Fast 224–255 Shutter Open
14	Dimmer	0	0–62 0 % 63–126 25 % 127–190 50 % 191–254 75 % 255–255 100 %
15	Dimmer Fine	0	Fine byte of Dimmer
16	Prism	0	0–31 No Effect (wheel slot 1) 32–255 Prism 1 (wheel slot 2)
17	Prism	0	0–31 No Effect (wheel slot 1) 32–255 Prism 2 (wheel slot 3)
18	Prism Rotation	0	0–127 Prism Indexing 0 to 540 128–189 CW Fast to Slow 190–193 No Rotation 194–255 CCW Slow to Fast
19	Prism Rotation Fine	0	Fine byte of Prism Rotation

Extended (continued)

Ch	Function	Default	DMX values
20	Prism	0	0–9 No Prism Open 10–19 Color Macro 1 20–29 Color Macro 2 30–39 Color Macro 3 40–49 Color Macro 4 50–59 Color Macro 5 60–69 Color Macro 6 70–79 Color Macro 7 80–89 Color Macro 8 90–99 Color Macro 9 100–109 Color Macro 10 110–119 Color Macro 11 120–129 Color Macro 12 130–139 Color Macro 13 140–149 Color Macro 14 150–159 Color Macro 15 160–169 Color Macro 16 170–179 Color Macro 17 180–189 Color Macro 18 190–199 Color Macro 19 200–209 Color Macro 20 210–219 Color Macro 21 220–229 Color Macro 22 230–239 Color Macro 23 240–255 Color Macro 24
21	Focus	127	
22	Focus Fine	127	Fine byte of Focus
23	Zoom	127	
24	Zoom Fine	127	Fine byte of Zoom
25	Frost1	0	
26	Animation Wheel1	0	0–19 No function 20–127 Enter in proportion 128–170 All on - all in - all out (fast - slow) 171–213 Half open - full access - half open (fast - slow) 214–255 Half open - all out - half open (fast - slow)
27	Animation Wheel1Pos Rotate	0	0–0 No function 1–127 CW fast to slow 128–128 Stop 129–255 CCW slow to fast

Extended (continued)

Ch	Function	Default	DMX values
28	Dimmer Mode	0	0–20 Default to unit setting 21–40 Standard 41–60 Stage 61–80 TV 81–100 Architectural 101–120 Theatre 121–140 Stage 2 141–141 0/1s Delay 142–142 0/2s Delay 143–143 0/3s Delay 144–144 0/4s Delay 145–145 0/5s Delay 146–146 0/6s Delay 147–147 0/7s Delay 148–148 0/8s Delay 149–149 0/9s Delay 150–150 1s Delay 151–151 1/5s Delay 152–152 2s Delay 153–153 3s Delay 154–154 4s Delay 155–155 5s Delay 156–156 6s Delay 157–157 7s Delay 158–158 8s Delay 159–159 9s Delay 160–160 10s Delay 161–255 Default
29	Dimmer Curve	0	0–20 No Function 21–40 Linear 41–60 Square 61–80 Inv Squa 81–100 S Curve 101–255 No Function
30	Position MSpeed	0	0–225 Max to Min speed 226–235 Blackout by movement 236–245 Blackout by all wheel changing 246–255 No Function
31	Function	0	