ADJ

Hydro Spot 1



Manufacturer	**ADJ**
Type	**Moving head**
DMX modes	**3**
DMX footprint	**17, 20, 22 channels**
Beam angle	**12-23°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**224 × 292 × 198 mm**
GDTF fixture type	**63013725-7C73-4837-9BDA-C0…**

Controls

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

Safety-relevant functions

Strobe

DMX modes

17 CH	17 ch
20 CH	20 ch
22 CH	22 ch

17 CH

17 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Tilt	128	
3	Color Wheel	0	0–9 Open (wheel slot 1) 10–16 Open/Red (wheel slot 1) 17–23 Red (wheel slot 2) 24–30 Red/Medium Blue (wheel slot 2) 31–37 Medium Blue (wheel slot 3) 38–44 Medium Blue / Green (wheel slot 3) 45–51 Green (wheel slot 4) 52–58 Green / Amber (wheel slot 4) 59–65 Amber (wheel slot 5) 66–72 Amber / Orange (wheel slot 5) 73–79 Orange (wheel slot 6) 80–86 Orange / High CRI Filter (wheel slot 6) 87–93 High CRI Filter (wheel slot 7) 94–100 High CRI Filter / CTB (wheel slot 7) 101–107 CTB (wheel slot 8) 108–114 CTB / Open (wheel slot 8) 115–121 UV (wheel slot 9) 122–127 UV/Open (wheel slot 9) 128–189 Clockwise Color Wheel Rotation fast to slow 190–193 No Rotation 194–255 Counter-Clockwise Color Wheel Rotation slow to fa…
4	Color Wheel 2	0	0–9 Open (wheel slot 1) 10–16 Open/Magenta (wheel slot 1) 17–23 Magenta (wheel slot 2) 24–30 Magenta/Blue (wheel slot 2) 31–37 Blue (wheel slot 3) 38–44 Blue / Green (wheel slot 3) 45–51 Green (wheel slot 4) 52–58 Green /Yellow (wheel slot 4) 59–65 Yellow (wheel slot 5) 66–72 Yellow/Light Purple (wheel slot 5) 73–79 Light Purple (wheel slot 6) 80–86 Light Purple / Pink (wheel slot 6) 87–93 Pink (wheel slot 7) 94–100 Pink / UV (wheel slot 7) 101–107 UV (wheel slot 8) 108–114 UV / CTO (wheel slot 8) 115–121 CTO (wheel slot 9) 122–127 CTO/Open (wheel slot 9) 128–189 Clockwise Color Wheel Rotation fast to slow 190–193 No Rotation 194–255 Counter-Clockwise Color Wheel Rotation slow to fa…
5	Gobo	0	0–4 Open (wheel slot 1) 5–19 Gobo 1 (wheel slot 2) 20–34 Gobo 2 (wheel slot 3) 35–49 Gobo 3 (wheel slot 4) 50–64 Gobo 4 (wheel slot 5) 65–79 Gobo 5 (wheel slot 6) 80–94 Gobo 6 (wheel slot 7) 95–109 Gobo Shake 1 (wheel slot 2) 110–124 Gobo Shake 2 (wheel slot 3) 125–139 Gobo Shake 3 (wheel slot 4) 140–154 Gobo Shake 4 (wheel slot 5) 155–169 Gobo Shake 5 (wheel slot 6) 170–189 Gobo Shake 6 (wheel slot 7) 190–221 Clockwise Gobo Wheel Rotation fast to slow 222–223 No Rotation 224–255 Counter-Clockwise Gobo Wheel Rotation slow to f…

17 CH (continued)

Ch	Function	Default	DMX values
6	Gobo Rotation	0	0–5 Prism Rotation OFF 6–128 0 to 540 129–191 Clockwise Gobo Rotation fast to slow 192–192 No Rotation 193–255 Counter Clockwise Gobo Rotation slow to fast
7	Shutter / Strobe	32	0–31 Shutter Close 32–63 Shutter Open 64–94 Slowest Strobe 95–95 Fastest Strobe 96–127 Shutter Open 128–158 Slowest Pulse 159–159 Fastest Pulse 160–191 Shutter Open 192–222 Slowest Strobe 223–223 Fastest Strobe 255–255 Shutter Open
8	Dimmer	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
9	Prism	0	0–5 No Prism(Open) 6–66 Prism 1 (5 Linear Prism) (wheel slot 1) 67–127 Prism 1 (5 Linear Prism) (wheel slot 2) 128–135 Macro 1 136–143 Macro 2 144–151 Macro 3 152–159 Macro 4 160–167 Macro 5 168–175 Macro 6 176–183 Macro 7 184–191 Macro 8 192–199 Macro 9 200–207 Macro 10 208–215 Macro 11 216–223 Macro 12 224–231 Macro 13 232–239 Macro 14 240–247 Macro 15 248–255 Macro 16
10	Prism Rotation	6	0–5 Prism Rotation OFF 6–128 Prism Indexing 0 to 540 129–191 Clockwise Prism Rotation fast to slow 192–192 No Rotation 193–255 Counter-Clockwise Prism Rotation slow to fast
11	Focus	0	
12	Zoom	0	
13	Frost1	0	0–126 0 % 127–254 50 % 255–255 100 %
14	Frost2	0	0–126 0 % 127–254 50 % 255–255 100 %

17 CH (continued)

Ch	Function	Default	DMX values
15	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
16	Position MSpeed	0	0–224 Fastest 225–225 Slowest 226–235 Blackout by movement 236–245 Blackout by all wheel changing 246–255 No Function
17	Function	0	

20 CH

20 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

20 CH (continued)

Ch	Function	Default	DMX values
5	Color Wheel	0	0–9 Open (wheel slot 1) 10–16 Open/Red (wheel slot 1) 17–23 Red (wheel slot 2) 24–30 Red/Medium Blue (wheel slot 2) 31–37 Medium Blue (wheel slot 3) 38–44 Medium Blue / Green (wheel slot 3) 45–51 Green (wheel slot 4) 52–58 Green / Amber (wheel slot 4) 59–65 Amber (wheel slot 5) 66–72 Amber / Orange (wheel slot 5) 73–79 Orange (wheel slot 6) 80–86 Orange / High CRI Filter (wheel slot 6) 87–93 High CRI Filter (wheel slot 7) 94–100 High CRI Filter / CTB (wheel slot 7) 101–107 CTB (wheel slot 8) 108–114 CTB / Open (wheel slot 8) 115–121 UV (wheel slot 9) 122–127 UV/Open (wheel slot 9) 128–189 Clockwise Color Wheel Rotation fast to slow 190–193 No Rotation 194–255 Counter-Clockwise Color Wheel Rotation slow to fa…
6	Color Wheel 2	0	0–9 Open (wheel slot 1) 10–16 Open/Magenta (wheel slot 1) 17–23 Magenta (wheel slot 2) 24–30 Magenta/Blue (wheel slot 2) 31–37 Blue (wheel slot 3) 38–44 Blue / Green (wheel slot 3) 45–51 Green (wheel slot 4) 52–58 Green /Yellow (wheel slot 4) 59–65 Yellow (wheel slot 5) 66–72 Yellow/Light Purple (wheel slot 5) 73–79 Light Purple (wheel slot 6) 80–86 Light Purple / Pink (wheel slot 6) 87–93 Pink (wheel slot 7) 94–100 Pink / UV (wheel slot 7) 101–107 UV (wheel slot 8) 108–114 UV / CTO (wheel slot 8) 115–121 CTO (wheel slot 9) 122–127 CTO/Open (wheel slot 9) 128–189 Clockwise Color Wheel Rotation fast to slow 190–193 No Rotation 194–255 Counter-Clockwise Color Wheel Rotation slow to fa…
7	Gobo	0	0–4 Open (wheel slot 1) 5–19 Gobo 1 (wheel slot 2) 20–34 Gobo 2 (wheel slot 3) 35–49 Gobo 3 (wheel slot 4) 50–64 Gobo 4 (wheel slot 5) 65–79 Gobo 5 (wheel slot 6) 80–94 Gobo 6 (wheel slot 7) 95–109 Gobo Shake 1 (wheel slot 2) 110–124 Gobo Shake 2 (wheel slot 3) 125–139 Gobo Shake 3 (wheel slot 4) 140–154 Gobo Shake 4 (wheel slot 5) 155–169 Gobo Shake 5 (wheel slot 6) 170–189 Gobo Shake 6 (wheel slot 7) 190–221 Clockwise Gobo Wheel Rotation fast to slow 222–223 No Rotation 224–255 Counter-Clockwise Gobo Wheel Rotation slow to f…

20 CH (continued)

Ch	Function	Default	DMX values
8	Gobo Rotation	0	0–5 Prism Rotation OFF 6–128 0 to 540 129–191 Clockwise Gobo Rotation fast to slow 192–192 No Rotation 193–255 Counter Clockwise Gobo Rotation slow to fast
9	Shutter / Strobe	32	0–31 Shutter Close 32–63 Shutter Open 64–94 Slowest Strobe 95–95 Fastest Strobe 96–127 Shutter Open 128–158 Slowest Pulse 159–159 Fastest Pulse 160–191 Shutter Open 192–222 Slowest Strobe 223–223 Fastest Strobe 255–255 Shutter Open
10	Dimmer	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
11	Prism	0	0–5 No Prism(Open) 6–66 Prism 1 (5 Linear Prism) (wheel slot 1) 67–127 Prism 1 (5 Linear Prism) (wheel slot 2) 128–135 Macro 1 136–143 Macro 2 144–151 Macro 3 152–159 Macro 4 160–167 Macro 5 168–175 Macro 6 176–183 Macro 7 184–191 Macro 8 192–199 Macro 9 200–207 Macro 10 208–215 Macro 11 216–223 Macro 12 224–231 Macro 13 232–239 Macro 14 240–247 Macro 15 248–255 Macro 16
12	Prism Rotation	6	0–5 Prism Rotation OFF 6–128 Prism Indexing 0 to 540 129–191 Clockwise Prism Rotation fast to slow 192–192 No Rotation 193–255 Counter-Clockwise Prism Rotation slow to fast
13	Focus	0	
14	Zoom	0	
15	Frost1	0	0–126 0 % 127–254 50 % 255–255 100 %
16	Frost2	0	0–126 0 % 127–254 50 % 255–255 100 %

20 CH (continued)

Ch	Function	Default	DMX values
17	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
18	Dimmer Curve	0	0–20 Square 21–40 Linear 41–60 Inverted Square 61–80 S Curve 81–255 No function
19	Position MSpeed	0	0–224 Fastest 225–225 Slowest 226–235 Blackout by movement 236–245 Blackout by all wheel changing 246–255 No Function
20	Function	0	

22 CH

22 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

22 CH (continued)

Ch	Function	Default	DMX values
5	Color Wheel	0	0–9 Open (wheel slot 1) 10–16 Open/Red (wheel slot 1) 17–23 Red (wheel slot 2) 24–30 Red/Medium Blue (wheel slot 2) 31–37 Medium Blue (wheel slot 3) 38–44 Medium Blue / Green (wheel slot 3) 45–51 Green (wheel slot 4) 52–58 Green / Amber (wheel slot 4) 59–65 Amber (wheel slot 5) 66–72 Amber / Orange (wheel slot 5) 73–79 Orange (wheel slot 6) 80–86 Orange / High CRI Filter (wheel slot 6) 87–93 High CRI Filter (wheel slot 7) 94–100 High CRI Filter / CTB (wheel slot 7) 101–107 CTB (wheel slot 8) 108–114 CTB / Open (wheel slot 8) 115–121 UV (wheel slot 9) 122–127 UV/Open (wheel slot 9) 128–189 Clockwise Color Wheel Rotation fast to slow 190–193 No Rotation 194–255 Counter-Clockwise Color Wheel Rotation slow to fa…
6	Color Wheel 2	0	0–9 Open (wheel slot 1) 10–16 Open/Magenta (wheel slot 1) 17–23 Magenta (wheel slot 2) 24–30 Magenta/Blue (wheel slot 2) 31–37 Blue (wheel slot 3) 38–44 Blue / Green (wheel slot 3) 45–51 Green (wheel slot 4) 52–58 Green /Yellow (wheel slot 4) 59–65 Yellow (wheel slot 5) 66–72 Yellow/Light Purple (wheel slot 5) 73–79 Light Purple (wheel slot 6) 80–86 Light Purple / Pink (wheel slot 6) 87–93 Pink (wheel slot 7) 94–100 Pink / UV (wheel slot 7) 101–107 UV (wheel slot 8) 108–114 UV / CTO (wheel slot 8) 115–121 CTO (wheel slot 9) 122–127 CTO/Open (wheel slot 9) 128–189 Clockwise Color Wheel Rotation fast to slow 190–193 No Rotation 194–255 Counter-Clockwise Color Wheel Rotation slow to fa…
7	Gobo	0	0–4 Open (wheel slot 1) 5–19 Gobo 1 (wheel slot 2) 20–34 Gobo 2 (wheel slot 3) 35–49 Gobo 3 (wheel slot 4) 50–64 Gobo 4 (wheel slot 5) 65–79 Gobo 5 (wheel slot 6) 80–94 Gobo 6 (wheel slot 7) 95–109 Gobo Shake 1 (wheel slot 2) 110–124 Gobo Shake 2 (wheel slot 3) 125–139 Gobo Shake 3 (wheel slot 4) 140–154 Gobo Shake 4 (wheel slot 5) 155–169 Gobo Shake 5 (wheel slot 6) 170–189 Gobo Shake 6 (wheel slot 7) 190–221 Clockwise Gobo Wheel Rotation fast to slow 222–223 No Rotation 224–255 Counter-Clockwise Gobo Wheel Rotation slow to f…

22 CH (continued)

Ch	Function	Default	DMX values
8	Gobo Rotation	0	0–5 Prism Rotation OFF 6–128 0 to 540 129–191 Clockwise Gobo Rotation fast to slow 192–192 No Rotation 193–255 Counter Clockwise Gobo Rotation slow to fast
9	Shutter / Strobe	32	0–31 Shutter Close 32–63 Shutter Open 64–94 Slowest Strobe 95–95 Fastest Strobe 96–127 Shutter Open 128–158 Slowest Pulse 159–159 Fastest Pulse 160–191 Shutter Open 192–222 Slowest Strobe 223–223 Fastest Strobe 255–255 Shutter Open
10	Dimmer	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
11	Dimmer Fine	0	Fine byte of Dimmer
12	Prism	0	0–5 No Prism(Open) 6–66 Prism 1 (5 Linear Prism) (wheel slot 1) 67–127 Prism 1 (5 Linear Prism) (wheel slot 2) 128–135 Macro 1 136–143 Macro 2 144–151 Macro 3 152–159 Macro 4 160–167 Macro 5 168–175 Macro 6 176–183 Macro 7 184–191 Macro 8 192–199 Macro 9 200–207 Macro 10 208–215 Macro 11 216–223 Macro 12 224–231 Macro 13 232–239 Macro 14 240–247 Macro 15 248–255 Macro 16
13	Prism Rotation	6	0–5 Prism Rotation OFF 6–128 Prism Indexing 0 to 540 129–191 Clockwise Prism Rotation fast to slow 192–192 No Rotation 193–255 Counter-Clockwise Prism Rotation slow to fast
14	Focus	0	
15	Zoom	0	
16	Zoom Fine	0	Fine byte of Zoom
17	Frost1	0	0–126 0 % 127–254 50 % 255–255 100 %
18	Frost2	0	0–126 0 % 127–254 50 % 255–255 100 %

22 CH (continued)

Ch	Function	Default	DMX values
19	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
20	Dimmer Curve	0	0–20 Square 21–40 Linear 41–60 Inverted Square 61–80 S Curve 81–255 No function
21	Position MSpeed	0	0–224 Fastest 225–225 Slowest 226–235 Blackout by movement 236–245 Blackout by all wheel changing 246–255 No Function
22	Function	0	