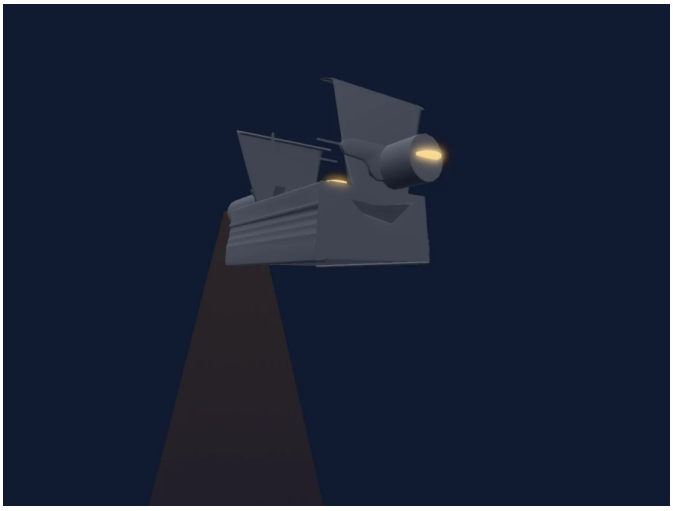
Starway

TITAN 430HDL



Manufacturer	**Starway**
Type	**Effect light**
DMX modes	**7**
DMX footprint	**2, 5, 13, 15, 16, 23 channels**
Beam angle	**28°**
Heads / cells	**4**
Size (W × H × D)	**326 × 234 × 230 mm**
GDTF fixture type	**D11B4AD5-3476-45DE-A530-D…**

Controls

Extra LED colours · RGB colour mixing · Colour temperature · Colour wheel · Effect speed · Strobe · Dimmer · Pixel control

Safety-relevant functions

Built-in effect programmes

DMX modes

8ch	2 ch
7ch	5 ch
13ch	13 ch
15ch	15 ch
18ch	15 ch
16ch	16 ch
23ch	23 ch

8ch

2 channels

Ch	Function	Default	DMX values
1	Reserved 1	0	
2	Red	0	0–254 Red Min 255–255 Red Max

7ch

5 channels

Ch	Function	Default	DMX values
1	Red	0	0–254 Red Min 255–255 Red Max
2	Green	0	0–254 Green Min 255–255 Green Max
3	Blue	0	0–254 Blue Min 255–255 Blue Max
4	Color Add RY	0	0–254 Amber Min 255–255 Amber Max
5	Color Add GY	0	0–254 Lime Min 255–255 Lime Max

13ch

13 channels

Ch	Function	Default	DMX values
1	Red	0	0–254 Red Min 255–255 Red Max
2	Green	0	0–254 Green Min 255–255 Green Max
3	Blue	0	0–254 Blue Min 255–255 Blue Max
4	Color Add RY	0	0–254 Amber Min 255–255 Amber Max
5	Color Add GY	0	0–254 Lime Min 255–255 Lime Max
6	UV	0	0–254 UV Min 255–255 UV Max

13ch (continued)

Ch	Function	Default	DMX values
7	Color Wheel	0	0–3 Off (wheel slot 1) 4–7 Color Macro 1 (wheel slot 2) 8–11 Color Macro 2 (wheel slot 3) 12–15 Color Macro 3 (wheel slot 4) 16–19 Color Macro 4 (wheel slot 5) 20–23 Color Macro 5 (wheel slot 6) 24–27 Color Macro 6 (wheel slot 7) 28–31 Color Macro 7 (wheel slot 8) 32–35 Color Macro 8 (wheel slot 9) 36–39 Color Macro 9 (wheel slot 10) 40–43 Color Macro 10 (wheel slot 11) 44–47 Color Macro 11 (wheel slot 12) 48–51 Color Macro 12 (wheel slot 13) 52–55 Color Macro 13 (wheel slot 14) 56–59 Color Macro 14 (wheel slot 15) 60–63 Color Macro 15 (wheel slot 16) 64–67 Color Macro 16 (wheel slot 17) 68–71 Color Macro 17 (wheel slot 18) 72–75 Color Macro 18 (wheel slot 19) 76–79 Color Macro 19 (wheel slot 20) 80–83 Color Macro 20 (wheel slot 21) 84–87 Color Macro 21 (wheel slot 22) 88–91 Color Macro 22 (wheel slot 23) 92–95 Color Macro 23 (wheel slot 24) 96–99 Color Macro 24 (wheel slot 25) 100–103 Color Macro 25 (wheel slot 26) 104–107 Color Macro 26 (wheel slot 27) 108–111 Color Macro 27 (wheel slot 28) 112–115 Color Macro 28 (wheel slot 29) 116–119 Color Macro 29 (wheel slot 30) 120–123 Color Macro 30 (wheel slot 31) 124–127 Color Macro 31 (wheel slot 32) 128–131 Color Macro 32 (wheel slot 33) 132–135 Color Macro 33 (wheel slot 34) 136–139 Color Macro 34 (wheel slot 35) 140–143 Color Macro 35 (wheel slot 36) 144–147 Color Macro 36 (wheel slot 37) 148–151 Color Macro 37 (wheel slot 38) 152–155 Color Macro 38 (wheel slot 39) 156–159 Color Macro 39 (wheel slot 40) 160–163 Color Macro 40 (wheel slot 41) 164–167 Color Macro 41 (wheel slot 42) 168–171 Color Macro 42 (wheel slot 43) 172–175 Color Macro 43 (wheel slot 44) 176–179 Color Macro 44 (wheel slot 45) 180–183 Color Macro 45 (wheel slot 46) 184–187 Color Macro 46 (wheel slot 47) 188–191 Color Macro 47 (wheel slot 48) 192–195 Color Macro 48 (wheel slot 49) 196–199 Color Macro 49 (wheel slot 50) 200–203 Color Macro 50 (wheel slot 51) 204–207 Color Macro 51 (wheel slot 52) 208–211 Color Macro 52 (wheel slot 53) 212–215 Color Macro 53 (wheel slot 54) 216–219 Color Macro 54 (wheel slot 55) 220–223 Color Macro 55 (wheel slot 56) 224–227 Color Macro 56 (wheel slot 57) 228–231 Color Macro 57 (wheel slot 58) 232–235 Color Macro 58 (wheel slot 59) 236–239 Color Macro 59 (wheel slot 60) 240–243 Color Macro 60 (wheel slot 61) 244–247 Color Macro 61 (wheel slot 62) 248–251 Color Macro 62 (wheel slot 63) 252–255 Color Macro 63 (wheel slot 64)

13ch (continued)

Ch	Function	Default	DMX values
8	C TO	0	
9	Color Wheel 2	0	0–10 No Function (wheel slot 1) 11–26 2300K (wheel slot 2) 27–43 2700K (wheel slot 6) 44–60 3000K (wheel slot 9) 61–76 3200K (wheel slot 11) 77–93 4000K (wheel slot 19) 94–110 4500K (wheel slot 24) 111–126 5000K (wheel slot 29) 127–143 5600K (wheel slot 35) 144–160 6500K (wheel slot 44) 161–176 7000K (wheel slot 49) 177–193 7500K (wheel slot 54) 194–210 8000K (wheel slot 59) 211–226 8500K (wheel slot 64) 227–255 9900K (wheel slot 65)
10	Shutter / Strobe	32	0–31 LEDs Off 32–63 LEDs ON 64–94 Slowest Strobe 95–95 Fastest Strobe 96–127 LEDs ON 128–158 Slowest Pulse 159–159 Fastest Pulse 160–191 Shutter Open 192–222 Slowest Strobe 223–223 Fastest Strobe 224–255 LEDs ON
11	Dimmer	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
12	Dimmer Mode	0	0–20 Default to Unit Setting 21–40 Standard 41–60 Stage 61–80 TV 81–100 Architectural 101–120 Theater 121–140 Stage 2 141–141 0*1 second 142–142 0*2 seconds 143–143 0*3 seconds 144–144 0*4 seconds 145–145 0*5 seconds 146–146 0*6 seconds 147–147 0*7 seconds 148–148 0*8 seconds 149–149 0*9 seconds 150–150 1 second 151–151 1*5 seconds 152–152 2 seconds 153–153 3 seconds 154–154 4 seconds 155–155 5 seconds 156–156 6 seconds 157–157 7 seconds 158–158 8 seconds 159–159 9 seconds 160–160 10 seconds 161–255 Default to Unit Setting

13ch (continued)

Ch	Function	Default	DMX values
13	Dimmer Curve	0	0–20 Square 21–40 Linear 41–60 Inverted Square 61–80 S Curve 81–255 No function

15ch

15 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
2	Shutter / Strobe	32	0–31 LEDs Off 32–63 LEDs ON 64–94 Slowest Strobe 95–95 Fastest Strobe 96–127 LEDs ON 128–158 Slowest Pulse 159–159 Fastest Pulse 160–191 Shutter Open 192–222 Slowest Strobe 223–223 Fastest Strobe 224–255 LEDs ON
3	Red	0	0–254 Red 1 Min 255–255 Red 1 Max
4	Green	0	0–254 Green 1 Min 255–255 Green 1 Max
5	Blue	0	0–254 Blue 1 Min 255–255 Blue 1 Max
6	Red	0	0–254 Red 3 Min 255–255 Red 3 Max
7	Green	0	0–254 Green 3 Min 255–255 Green 3 Max
8	Blue	0	0–254 Blue 3 Min 255–255 Blue 3 Max
9	Red	0	0–254 Red 2 Min 255–255 Red 2 Max
10	Green	0	0–254 Green 2 Min 255–255 Green 2 Max
11	Blue	0	0–254 Blue 2 Min 255–255 Blue 2 Max
12	Red	0	0–254 Lime 2 Min 255–255 Lime 2 Max
13	Green	0	0–254 Lime 2 Min 255–255 Lime 2 Max
14	Blue	0	0–254 Lime 2 Min 255–255 Lime 2 Max

15ch (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 Theater 121–140 Stage 2 141–141 0*1 second 142–142 0*2 seconds 143–143 0*3 seconds 144–144 0*4 seconds 145–145 0*5 seconds 146–146 0*6 seconds 147–147 0*7 seconds 148–148 0*8 seconds 149–149 0*9 seconds 150–150 1 second 151–151 1*5 seconds 152–152 2 seconds 153–153 3 seconds 154–154 4 seconds 155–155 5 seconds 156–156 6 seconds 157–157 7 seconds 158–158 8 seconds 159–159 9 seconds 160–160 10 seconds 161–255 Default to Unit Setting

18ch

15 channels

Ch	Function	Default	DMX values
1	Red	0	0–254 Red 1 Min 255–255 Red 1 Max
2	Green	0	0–254 Green 1 Min 255–255 Green 1 Max
3	Blue	0	0–254 Blue 1 Min 255–255 Blue 1 Max
4	Reserved 4	0	
5	Reserved 5	0	
6	Reserved 6	0	
7	Red	0	0–254 Red 2 Min 255–255 Red 2 Max
8	Green	0	0–254 Green 2 Min 255–255 Green 2 Max
9	Blue	0	0–254 Blue 2 Min 255–255 Blue 2 Max
10	Reserved 10	0	
11	Reserved 11	0	
12	Reserved 12	0	
13	Red	0	0–254 Red 3 Min 255–255 Red 3 Max
14	Green	0	0–254 Green 3 Min 255–255 Green 3 Max
15	Blue	0	0–254 Blue 3 Min 255–255 Blue 3 Max

16ch

16 channels

Ch	Function	Default	DMX values
1	Red	0	0–254 Red Min 255–255 Red Max
2	Green	0	0–254 Green Min 255–255 Green Max
3	Blue	0	0–254 Blue Min 255–255 Blue Max
4	Color Add RY	0	0–254 Amber Min 255–255 Amber Max
5	Color Add GY	0	0–254 Lime Min 255–255 Lime Max
6	UV	0	0–254 UV Min 255–255 UV Max

16ch (continued)

Ch	Function	Default	DMX values
7	Color Wheel	0	0–3 Off (wheel slot 1) 4–7 Color Macro 1 (wheel slot 2) 8–11 Color Macro 2 (wheel slot 3) 12–15 Color Macro 3 (wheel slot 4) 16–19 Color Macro 4 (wheel slot 5) 20–23 Color Macro 5 (wheel slot 6) 24–27 Color Macro 6 (wheel slot 7) 28–31 Color Macro 7 (wheel slot 8) 32–35 Color Macro 8 (wheel slot 9) 36–39 Color Macro 9 (wheel slot 10) 40–43 Color Macro 10 (wheel slot 11) 44–47 Color Macro 11 (wheel slot 12) 48–51 Color Macro 12 (wheel slot 13) 52–55 Color Macro 13 (wheel slot 14) 56–59 Color Macro 14 (wheel slot 15) 60–63 Color Macro 15 (wheel slot 16) 64–67 Color Macro 16 (wheel slot 17) 68–71 Color Macro 17 (wheel slot 18) 72–75 Color Macro 18 (wheel slot 19) 76–79 Color Macro 19 (wheel slot 20) 80–83 Color Macro 20 (wheel slot 21) 84–87 Color Macro 21 (wheel slot 22) 88–91 Color Macro 22 (wheel slot 23) 92–95 Color Macro 23 (wheel slot 24) 96–99 Color Macro 24 (wheel slot 25) 100–103 Color Macro 25 (wheel slot 26) 104–107 Color Macro 26 (wheel slot 27) 108–111 Color Macro 27 (wheel slot 28) 112–115 Color Macro 28 (wheel slot 29) 116–119 Color Macro 29 (wheel slot 30) 120–123 Color Macro 30 (wheel slot 31) 124–127 Color Macro 31 (wheel slot 32) 128–131 Color Macro 32 (wheel slot 33) 132–135 Color Macro 33 (wheel slot 34) 136–139 Color Macro 34 (wheel slot 35) 140–143 Color Macro 35 (wheel slot 36) 144–147 Color Macro 36 (wheel slot 37) 148–151 Color Macro 37 (wheel slot 38) 152–155 Color Macro 38 (wheel slot 39) 156–159 Color Macro 39 (wheel slot 40) 160–163 Color Macro 40 (wheel slot 41) 164–167 Color Macro 41 (wheel slot 42) 168–171 Color Macro 42 (wheel slot 43) 172–175 Color Macro 43 (wheel slot 44) 176–179 Color Macro 44 (wheel slot 45) 180–183 Color Macro 45 (wheel slot 46) 184–187 Color Macro 46 (wheel slot 47) 188–191 Color Macro 47 (wheel slot 48) 192–195 Color Macro 48 (wheel slot 49) 196–199 Color Macro 49 (wheel slot 50) 200–203 Color Macro 50 (wheel slot 51) 204–207 Color Macro 51 (wheel slot 52) 208–211 Color Macro 52 (wheel slot 53) 212–215 Color Macro 53 (wheel slot 54) 216–219 Color Macro 54 (wheel slot 55) 220–223 Color Macro 55 (wheel slot 56) 224–227 Color Macro 56 (wheel slot 57) 228–231 Color Macro 57 (wheel slot 58) 232–235 Color Macro 58 (wheel slot 59) 236–239 Color Macro 59 (wheel slot 60) 240–243 Color Macro 60 (wheel slot 61) 244–247 Color Macro 61 (wheel slot 62) 248–251 Color Macro 62 (wheel slot 63) 252–255 Color Macro 63 (wheel slot 64)

16ch (continued)

Ch	Function	Default	DMX values
8	C TO	0	
9	Color Wheel 2	0	0–10 No Function (wheel slot 1) 11–26 2300K (wheel slot 2) 27–43 2700K (wheel slot 6) 44–60 3000K (wheel slot 9) 61–76 3200K (wheel slot 11) 77–93 4000K (wheel slot 19) 94–110 4500K (wheel slot 24) 111–126 5000K (wheel slot 29) 127–143 5600K (wheel slot 35) 144–160 6500K (wheel slot 44) 161–176 7000K (wheel slot 49) 177–193 7500K (wheel slot 54) 194–210 8000K (wheel slot 59) 211–226 8500K (wheel slot 64) 227–255 9900K (wheel slot 65)
10	Shutter / Strobe	32	0–31 LEDs Off 32–63 LEDs ON 64–94 Slowest Strobe 95–95 Fastest Strobe 96–127 LEDs ON 128–158 Slowest Pulse 159–159 Fastest Pulse 160–191 Shutter Open 192–222 Slowest Strobe 223–223 Fastest Strobe 224–255 LEDs ON
11	Dimmer	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
12	Effect	0	0–10 Off 11–26 Auto Program 1 27–43 Auto Program 2 44–60 Auto Program 3 61–76 Auto Program 4 77–93 Auto Program 5 94–110 Auto Program 6 111–126 Auto Program 7 127–143 Auto Program 8 144–160 Auto Program 9 161–176 Auto Program 10 177–193 Auto Program 11 194–210 Auto Program 12 211–226 Auto Program 13 227–255 No Function
13	Effect Speed	0	
14	Effects1Fade	0	

16ch (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 Theater 121–140 Stage 2 141–141 0*1 second 142–142 0*2 seconds 143–143 0*3 seconds 144–144 0*4 seconds 145–145 0*5 seconds 146–146 0*6 seconds 147–147 0*7 seconds 148–148 0*8 seconds 149–149 0*9 seconds 150–150 1 second 151–151 1*5 seconds 152–152 2 seconds 153–153 3 seconds 154–154 4 seconds 155–155 5 seconds 156–156 6 seconds 157–157 7 seconds 158–158 8 seconds 159–159 9 seconds 160–160 10 seconds 161–255 Default to Unit Setting
16	Dimmer Curve	0	0–20 Square 21–40 Linear 41–60 Inverted Square 61–80 S Curve 81–255 No function

23ch

23 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
2	Shutter / Strobe	32	0–31 LEDs Off 32–63 LEDs ON 64–94 Slowest Strobe 95–95 Fastest Strobe 96–127 LEDs ON 128–158 Slowest Pulse 159–159 Fastest Pulse 160–191 Shutter Open 192–222 Slowest Strobe 223–223 Fastest Strobe 224–255 LEDs ON
3	Red	0	0–254 Red 1 Min 255–255 Red 1 Max
4	Green	0	0–254 Green 1 Min 255–255 Green 1 Max
5	Blue	0	0–254 Blue 1 Min 255–255 Blue 1 Max

23ch (continued)

Ch	Function	Default	DMX values
6	Color Add RY	0	0–254 Amber 1 Min 255–255 Amber 1 Max
7	Color Add GY	0	0–254 Lime 1 Min 255–255 Lime 1 Max
8	Red	0	0–254 Red 3 Min 255–255 Red 3 Max
9	Green	0	0–254 Green 3 Min 255–255 Green 3 Max
10	Blue	0	0–254 Blue 3 Min 255–255 Blue 3 Max
11	Color Add RY	0	0–254 Amber 3 Min 255–255 Amber 3 Max
12	Color Add GY	0	0–254 Lime 3 Min 255–255 Lime 3 Max
13	Red	0	0–254 Red 2 Min 255–255 Red 2 Max
14	Green	0	0–254 Green 2 Min 255–255 Green 2 Max
15	Blue	0	0–254 Blue 2 Min 255–255 Blue 2 Max
16	Color Add RY	0	0–254 Amber 2 Min 255–255 Amber 2 Max
17	Color Add GY	0	0–254 Lime 2 Min 255–255 Lime 2 Max
18	Red	0	0–254 Lime 2 Min 255–255 Lime 2 Max
19	Green	0	0–254 Lime 2 Min 255–255 Lime 2 Max
20	Blue	0	0–254 Lime 2 Min 255–255 Lime 2 Max
21	Color Add RY	0	0–254 Lime 2 Min 255–255 Lime 2 Max
22	Color Add GY	0	0–254 Lime 2 Min 255–255 Lime 2 Max

23ch (continued)

Ch	Function	Default	DMX values
23	Dimmer Mode	0	0–20 Default to Unit Setting 21–40 Standard 41–60 Stage 61–80 TV 81–100 Architectural 101–120 Theater 121–140 Stage 2 141–141 0*1 second 142–142 0*2 seconds 143–143 0*3 seconds 144–144 0*4 seconds 145–145 0*5 seconds 146–146 0*6 seconds 147–147 0*7 seconds 148–148 0*8 seconds 149–149 0*9 seconds 150–150 1 second 151–151 1*5 seconds 152–152 2 seconds 153–153 3 seconds 154–154 4 seconds 155–155 5 seconds 156–156 6 seconds 157–157 7 seconds 158–158 8 seconds 159–159 9 seconds 160–160 10 seconds 161–255 Default to Unit Setting