Robe

ColorSpot 575 AT



Manufacturer	**Robe**
Type	**Profile spot**
DMX modes	**4**
DMX footprint	**19, 21, 27, 29 channels**
Beam angle	**15-22°**
Pan range	**530°**
Tilt range	**280°**
Size (W × H × D)	**300 × 300 × 200 mm**
GDTF fixture type	**5333A410-2FCA-5C60-87C4-44…**

Controls

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

Safety-relevant functions

Lamp on and off · Fixture reset

DMX modes

Mode 2 (19 ch)	19 ch
Mode 4 (21 ch)	21 ch
Mode 1 (27 ch)	27 ch
Mode 3 (29 ch)	29 ch

Mode 2 (19 ch)

19 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	Position MSpeed	0	0–0 Max. speed (tracking mode) 1–255 Speed from max. to min. (vector mode) / time 0,1-25,...
6	Control1	0	0–49 Reserved 50–59 Pan/Tilt speed mode 60–69 Pan/Tilt time mode 70–79 Blackout while pan/tilt moving 80–89 Disabled blackout while pan/tilt moving 90–99 Blackout while colour wheel moving 100–109 Disabled blackout while colour wheel moving 110–119 Blackout while gobo wheel moving 120–129 Disabled blackout while gobo wheel moving 130–139 Lamp On, reset (total reset except pan/tilt reset) 140–149 Pan/Tilt reset 150–159 Colour wheels reset 160–169 Gobo wheels reset 170–179 Dimmer/ Strobe reset 180–189 Focus/Zoom/Frost reset 190–199 Iris/Prism reset 200–209 Total reset 210–229 Reserved 230–239 Lamp Off 240–255 Reserved
7	Color Wheel	0	0–12 Open/white (wheel slot 1) 13–25 Light blue (wheel slot 2) 26–38 Red (wheel slot 3) 39–51 Blue (wheel slot 4) 52–64 Light green (wheel slot 5) 65–77 Yellow (wheel slot 6) 78–90 Magenta (wheel slot 7) 91–103 Cyan (wheel slot 8) 104–116 Green (wheel slot 9) 117–127 Orange (wheel slot 10) 128–129 White (wheel slot 1) 130–136 Light blue (wheel slot 2) 137–143 Red (wheel slot 3) 144–149 Blue (wheel slot 4) 150–156 Light green (wheel slot 5) 157–163 Yellow (wheel slot 6) 164–169 Magenta (wheel slot 7) 170–176 Cyan (wheel slot 8) 177–183 Green (wheel slot 9) 184–189 Orange (wheel slot 10) 190–215 Forwards rainbow effect from fast to slow 216–217 No rotation 218–243 Backwards rainbow effect from slow to fast 244–249 Random colour selection by audio control 250–255 Auto random colour selection from fast to slow

Mode 2 (19 ch) (continued)

Ch	Function	Default	DMX values
8	Color Wheel 2	0	0–13 Open/white (wheel slot 1) 14–27 Deep red (wheel slot 2) 28–41 Deep blue (wheel slot 3) 42–55 Pink (wheel slot 4) 56–69 Cyan (wheel slot 5) 70–83 Magenta (wheel slot 6) 84–97 Yellow (wheel slot 7) 98–111 3200 K correction filter (wheel slot 8) 112–127 UV Filter (wheel slot 9) 128–129 White (wheel slot 1) 130–136 Deep red (wheel slot 2) 137–144 Deep blue (wheel slot 3) 145–151 Pink (wheel slot 4) 152–159 Cyan (wheel slot 5) 160–166 Magenta (wheel slot 6) 167–174 Yellow (wheel slot 7) 175–181 3200 K correction filter (wheel slot 8) 182–189 UV Filter (wheel slot 9) 190–215 Forwards rainbow effect from fast to slow 216–217 No rotation 218–243 Backwards rainbow effect from slow to fast 244–249 Random colour selection by audio control 250–255 Auto random colour selection from fast to slow
9	Gobo	0	0–6 Open/hole (wheel slot 1) 7–12 Gobo 1 (15010608) (wheel slot 2) 13–18 Gobo 2 (15010609) (wheel slot 3) 19–25 Gobo 3 (15010700) (wheel slot 4) 26–31 Gobo 4 (15010701) (wheel slot 5) 32–38 Gobo 5 (15010702) (wheel slot 6) 39–44 Gobo 6 (15010703) (wheel slot 7) 45–50 Gobo 7 (15010704) (wheel slot 8) 51–57 Gobo 8 (15010705) (wheel slot 9) 58–63 Gobo 9 (15010706) (wheel slot 10) 64–64 Open/hole (wheel slot 1) 65–69 Gobo 1 (wheel slot 2) 70–74 Gobo 2 (wheel slot 3) 75–79 Gobo 3 (wheel slot 4) 80–84 Gobo 4 (wheel slot 5) 85–89 Gobo 5 (wheel slot 6) 90–94 Gobo 6 (wheel slot 7) 95–99 Gobo 7 (wheel slot 8) 100–104 Gobo 8 (wheel slot 9) 105–109 Gobo 9 (wheel slot 10) 110–119 Shaking gobo 1 (wheel slot 2) 120–129 Shaking gobo 2 (wheel slot 3) 130–139 Shaking gobo 3 (wheel slot 4) 140–149 Shaking gobo 4 (wheel slot 5) 150–159 Shaking gobo 5 (wheel slot 6) 160–169 Shaking gobo 6 (wheel slot 7) 170–179 Shaking gobo 7 (wheel slot 8) 180–189 Shaking gobo 8 (wheel slot 9) 190–199 Shaking gobo 9 (wheel slot 10) 200–201 Open/hole (wheel slot 1) 202–221 Forwards gobo wheel rotation from fast to slow 222–223 No rotation 224–243 Backwards gobo wheel rotation from slow to fast 244–249 Random gobo selection by audio control 250–255 Auto random gobo selection from fast to slow

Mode 2 (19 ch) (continued)

Ch	Function	Default	DMX values
10	Gobo 2	0	0–3 Open/hole (wheel slot 1) 4–7 Gobo 1 (wheel slot 2) 8–11 Gobo 2 (wheel slot 3) 12–15 Gobo 3 (wheel slot 4) 16–19 Gobo 4 (wheel slot 5) 20–23 Gobo 5 (wheel slot 6) 24–27 Gobo 6 (wheel slot 7) 28–31 Gobo 7 (wheel slot 8) 32–35 Gobo 1 (wheel slot 2) 36–39 Gobo 2 (wheel slot 3) 40–43 Gobo 3 (wheel slot 4) 44–47 Gobo 4 (wheel slot 5) 48–51 Gobo 5 (wheel slot 6) 52–55 Gobo 6 (wheel slot 7) 56–59 Gobo 7 (wheel slot 8) 60–69 Shaking gobo 1 (wheel slot 2) 70–79 Shaking gobo 2 (wheel slot 3) 80–89 Shaking gobo 3 (wheel slot 4) 90–99 Shaking gobo 4 (wheel slot 5) 100–109 Shaking gobo 5 (wheel slot 6) 110–119 Shaking gobo 6 (wheel slot 7) 120–129 Shaking gobo 7 (wheel slot 8) 130–139 Shaking gobo 1 (wheel slot 2) 140–149 Shaking gobo 2 (wheel slot 3) 150–159 Shaking gobo 3 (wheel slot 4) 160–169 Shaking gobo 4 (wheel slot 5) 170–179 Shaking gobo 5 (wheel slot 6) 180–189 Shaking gobo 6 (wheel slot 7) 190–199 Shaking gobo 7 (wheel slot 8) 200–201 Open/hole (wheel slot 1) 202–221 Forwards gobo wheel rotation from fast to slow 222–223 No rotation 224–243 Backwards gobo wheel rotation from slow to fast 244–249 Random gobo selection by audio control 250–255 Auto random gobo selection from fast to slow
11	Gobo Rotation 2	0	
12	Prism	0	0–19 Open (wheel slot 1) 20–127 3-facet rotating prism (wheel slot 2) 128–135 Prism/gobo macro 1 136–143 Prism/gobo macro 2 144–151 Prism/gobo macro 3 152–159 Prism/gobo macro 4 160–167 Prism/gobo macro 5 168–175 Prism/gobo macro 6 176–183 Prism/gobo macro 7 184–191 Prism/gobo macro 8 192–199 Prism/gobo macro 9 200–207 Prism/gobo macro 10 208–215 Prism/gobo macro 11 216–223 Prism/gobo macro 12 224–231 Prism/gobo macro 13 232–239 Prism/gobo macro 14 240–247 Prism/gobo macro 15 248–255 Prism/gobo macro 16
13	Prism Rotation	0	0–0 No rotation 1–127 Forwards rotation from fast to slow 128–129 No rotation 130–255 Backwards rotation from slow to fast

Mode 2 (19 ch) (continued)

Ch	Function	Default	DMX values
14	Frost1	0	0–0 Open 1–179 Frost from 0% to 100% 180–189 100% frost 190–211 Pulse closing from slow to fast 212–233 Pulse opening from fast to slow 234–255 Ramping from fast to slow
15	Iris	0	0–0 Open 1–179 From max.diameter to min.diameter 180–191 Closed 192–219 Pulse opening from slow to fast 220–247 Pulse closing from fast to slow 248–249 Random pulse opening (fast) 250–251 Random pulse opening (slow) 252–253 Random pulse closing (fast) 254–255 Random pulse closing (slow)
16	Zoom	0	0–39 Zoom 15° (without focus correction) 40–79 Zoom 18° (without focus correction) 80–127 Zoom 22° (without focus correction) 128–169 Zoom 15° (with focus correction) 170–219 Zoom 18° (with focus correction) 220–255 Zoom 22° (with focus correction)
17	Focus	0	
18	Shutter / Strobe	32	0–31 Shutter closed 32–63 No function (Shutter open) 64–95 Strobe-effect from slow to fast 96–127 No function (Shutter open) 128–143 Opening pulse in sequences from slow to fast 144–159 Closing pulse in sequences from fast to slow 160–191 No function (Shutter open) 192–223 Random strobe-effect from slow to fast 224–255 No function (Shutter open)
19	Dimmer	0	

Mode 4 (21 ch)

21 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	Position MSpeed	0	0–0 Max. speed (tracking mode) 1–255 Speed from max. to min. (vector mode) / time 0,1-25,...

Mode 4 (21 ch) (continued)

Ch	Function	Default	DMX values
6	Control1	0	0–49 Reserved 50–59 Pan/Tilt speed mode 60–69 Pan/Tilt time mode 70–79 Blackout while pan/tilt moving 80–89 Disabled blackout while pan/tilt moving 90–99 Blackout while colour wheel moving 100–109 Disabled blackout while colour wheel moving 110–119 Blackout while gobo wheel moving 120–129 Disabled blackout while gobo wheel moving 130–139 Lamp On, reset (total reset except pan/tilt reset) 140–149 Pan/Tilt reset 150–159 Colour wheels reset 160–169 Gobo wheels reset 170–179 Dimmer/ Strobe reset 180–189 Focus/Zoom/Frost reset 190–199 Iris/Prism reset 200–209 Total reset 210–229 Reserved 230–239 Lamp Off 240–255 Reserved
7	Position Effect	0	0–9 Disabled pan/tilt macro 10–31 Reserved 32–63 Figure of circle (from small to large) 64–95 Figure of horizontal eight (from small to large) 96–127 Figure of vertical eight (from small to large) 128–159 Figure of rectangle (from small to large) 160–191 Figure of triangle (from small to large) 192–223 Figure of five-pointed star (from small to large) 224–255 Figure of cross (from small to large)
8	Position Effect Rate	0	0–0 No macro generation 1–127 Macro generation from fast to slow-forwards 128–129 No macro generation 130–255 Macro generation from slow to fast-backwards
9	Color Wheel	0	0–12 Open/white (wheel slot 1) 13–25 Light blue (wheel slot 2) 26–38 Red (wheel slot 3) 39–51 Blue (wheel slot 4) 52–64 Light green (wheel slot 5) 65–77 Yellow (wheel slot 6) 78–90 Magenta (wheel slot 7) 91–103 Cyan (wheel slot 8) 104–116 Green (wheel slot 9) 117–127 Orange (wheel slot 10) 128–129 White (wheel slot 1) 130–136 Light blue (wheel slot 2) 137–143 Red (wheel slot 3) 144–149 Blue (wheel slot 4) 150–156 Light green (wheel slot 5) 157–163 Yellow (wheel slot 6) 164–169 Magenta (wheel slot 7) 170–176 Cyan (wheel slot 8) 177–183 Green (wheel slot 9) 184–189 Orange (wheel slot 10) 190–215 Forwards rainbow effect from fast to slow 216–217 No rotation 218–243 Backwards rainbow effect from slow to fast 244–249 Random colour selection by audio control 250–255 Auto random colour selection from fast to slow

Mode 4 (21 ch) (continued)

Ch	Function	Default	DMX values
10	Color Wheel 2	0	0–13 Open/white (wheel slot 1) 14–27 Deep red (wheel slot 2) 28–41 Deep blue (wheel slot 3) 42–55 Pink (wheel slot 4) 56–69 Cyan (wheel slot 5) 70–83 Magenta (wheel slot 6) 84–97 Yellow (wheel slot 7) 98–111 3200 K correction filter (wheel slot 8) 112–127 UV Filter (wheel slot 9) 128–129 White (wheel slot 1) 130–136 Deep red (wheel slot 2) 137–144 Deep blue (wheel slot 3) 145–151 Pink (wheel slot 4) 152–159 Cyan (wheel slot 5) 160–166 Magenta (wheel slot 6) 167–174 Yellow (wheel slot 7) 175–181 3200 K correction filter (wheel slot 8) 182–189 UV Filter (wheel slot 9) 190–215 Forwards rainbow effect from fast to slow 216–217 No rotation 218–243 Backwards rainbow effect from slow to fast 244–249 Random colour selection by audio control 250–255 Auto random colour selection from fast to slow
11	Gobo	0	0–6 Open/hole (wheel slot 1) 7–12 Gobo 1 (15010608) (wheel slot 2) 13–18 Gobo 2 (15010609) (wheel slot 3) 19–25 Gobo 3 (15010700) (wheel slot 4) 26–31 Gobo 4 (15010701) (wheel slot 5) 32–38 Gobo 5 (15010702) (wheel slot 6) 39–44 Gobo 6 (15010703) (wheel slot 7) 45–50 Gobo 7 (15010704) (wheel slot 8) 51–57 Gobo 8 (15010705) (wheel slot 9) 58–63 Gobo 9 (15010706) (wheel slot 10) 64–64 Open/hole (wheel slot 1) 65–69 Gobo 1 (wheel slot 2) 70–74 Gobo 2 (wheel slot 3) 75–79 Gobo 3 (wheel slot 4) 80–84 Gobo 4 (wheel slot 5) 85–89 Gobo 5 (wheel slot 6) 90–94 Gobo 6 (wheel slot 7) 95–99 Gobo 7 (wheel slot 8) 100–104 Gobo 8 (wheel slot 9) 105–109 Gobo 9 (wheel slot 10) 110–119 Shaking gobo 1 (wheel slot 2) 120–129 Shaking gobo 2 (wheel slot 3) 130–139 Shaking gobo 3 (wheel slot 4) 140–149 Shaking gobo 4 (wheel slot 5) 150–159 Shaking gobo 5 (wheel slot 6) 160–169 Shaking gobo 6 (wheel slot 7) 170–179 Shaking gobo 7 (wheel slot 8) 180–189 Shaking gobo 8 (wheel slot 9) 190–199 Shaking gobo 9 (wheel slot 10) 200–201 Open/hole (wheel slot 1) 202–221 Forwards gobo wheel rotation from fast to slow 222–223 No rotation 224–243 Backwards gobo wheel rotation from slow to fast 244–249 Random gobo selection by audio control 250–255 Auto random gobo selection from fast to slow

Mode 4 (21 ch) (continued)

Ch	Function	Default	DMX values
12	Gobo 2	0	0–3 Open/hole (wheel slot 1) 4–7 Gobo 1 (wheel slot 2) 8–11 Gobo 2 (wheel slot 3) 12–15 Gobo 3 (wheel slot 4) 16–19 Gobo 4 (wheel slot 5) 20–23 Gobo 5 (wheel slot 6) 24–27 Gobo 6 (wheel slot 7) 28–31 Gobo 7 (wheel slot 8) 32–35 Gobo 1 (wheel slot 2) 36–39 Gobo 2 (wheel slot 3) 40–43 Gobo 3 (wheel slot 4) 44–47 Gobo 4 (wheel slot 5) 48–51 Gobo 5 (wheel slot 6) 52–55 Gobo 6 (wheel slot 7) 56–59 Gobo 7 (wheel slot 8) 60–69 Shaking gobo 1 (wheel slot 2) 70–79 Shaking gobo 2 (wheel slot 3) 80–89 Shaking gobo 3 (wheel slot 4) 90–99 Shaking gobo 4 (wheel slot 5) 100–109 Shaking gobo 5 (wheel slot 6) 110–119 Shaking gobo 6 (wheel slot 7) 120–129 Shaking gobo 7 (wheel slot 8) 130–139 Shaking gobo 1 (wheel slot 2) 140–149 Shaking gobo 2 (wheel slot 3) 150–159 Shaking gobo 3 (wheel slot 4) 160–169 Shaking gobo 4 (wheel slot 5) 170–179 Shaking gobo 5 (wheel slot 6) 180–189 Shaking gobo 6 (wheel slot 7) 190–199 Shaking gobo 7 (wheel slot 8) 200–201 Open/hole (wheel slot 1) 202–221 Forwards gobo wheel rotation from fast to slow 222–223 No rotation 224–243 Backwards gobo wheel rotation from slow to fast 244–249 Random gobo selection by audio control 250–255 Auto random gobo selection from fast to slow
13	Gobo Rotation 2	0	
14	Prism	0	0–19 Open (wheel slot 1) 20–127 3-facet rotating prism (wheel slot 2) 128–135 Prism/gobo macro 1 136–143 Prism/gobo macro 2 144–151 Prism/gobo macro 3 152–159 Prism/gobo macro 4 160–167 Prism/gobo macro 5 168–175 Prism/gobo macro 6 176–183 Prism/gobo macro 7 184–191 Prism/gobo macro 8 192–199 Prism/gobo macro 9 200–207 Prism/gobo macro 10 208–215 Prism/gobo macro 11 216–223 Prism/gobo macro 12 224–231 Prism/gobo macro 13 232–239 Prism/gobo macro 14 240–247 Prism/gobo macro 15 248–255 Prism/gobo macro 16
15	Prism Rotation	0	0–0 No rotation 1–127 Forwards rotation from fast to slow 128–129 No rotation 130–255 Backwards rotation from slow to fast

Mode 4 (21 ch) (continued)

Ch	Function	Default	DMX values
16	Frost1	0	0–0 Open 1–179 Frost from 0% to 100% 180–189 100% frost 190–211 Pulse closing from slow to fast 212–233 Pulse opening from fast to slow 234–255 Ramping from fast to slow
17	Iris	0	0–0 Open 1–179 From max.diameter to min.diameter 180–191 Closed 192–219 Pulse opening from slow to fast 220–247 Pulse closing from fast to slow 248–249 Random pulse opening (fast) 250–251 Random pulse opening (slow) 252–253 Random pulse closing (fast) 254–255 Random pulse closing (slow)
18	Zoom	0	0–39 Zoom 15° (without focus correction) 40–79 Zoom 18° (without focus correction) 80–127 Zoom 22° (without focus correction) 128–169 Zoom 15° (with focus correction) 170–219 Zoom 18° (with focus correction) 220–255 Zoom 22° (with focus correction)
19	Focus	0	
20	Shutter / Strobe	32	0–31 Shutter closed 32–63 No function (Shutter open) 64–95 Strobe-effect from slow to fast 96–127 No function (Shutter open) 128–143 Opening pulse in sequences from slow to fast 144–159 Closing pulse in sequences from fast to slow 160–191 No function (Shutter open) 192–223 Random strobe-effect from slow to fast 224–255 No function (Shutter open)
21	Dimmer	0	

Mode 1 (27 ch)

27 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	Position MSpeed	0	0–0 Max. speed (tracking mode) 1–255 Speed from max. to min. (vector mode) / time 0,1-25,...

Mode 1 (27 ch) (continued)

Ch	Function	Default	DMX values
6	Control1	0	0–49 Reserved 50–59 Pan/Tilt speed mode 60–69 Pan/Tilt time mode 70–79 Blackout while pan/tilt moving 80–89 Disabled blackout while pan/tilt moving 90–99 Blackout while colour wheel moving 100–109 Disabled blackout while colour wheel moving 110–119 Blackout while gobo wheel moving 120–129 Disabled blackout while gobo wheel moving 130–139 Lamp On, reset (total reset except pan/tilt reset) 140–149 Pan/Tilt reset 150–159 Colour wheels reset 160–169 Gobo wheels reset 170–179 Dimmer/ Strobe reset 180–189 Focus/Zoom/Frost reset 190–199 Iris/Prism reset 200–209 Total reset 210–229 Reserved 230–239 Lamp Off 240–255 Reserved
7	Color Wheel	0	0–12 Open/white (wheel slot 1) 13–25 Light blue (wheel slot 2) 26–38 Red (wheel slot 3) 39–51 Blue (wheel slot 4) 52–64 Light green (wheel slot 5) 65–77 Yellow (wheel slot 6) 78–90 Magenta (wheel slot 7) 91–103 Cyan (wheel slot 8) 104–116 Green (wheel slot 9) 117–127 Orange (wheel slot 10) 128–129 White (wheel slot 1) 130–136 Light blue (wheel slot 2) 137–143 Red (wheel slot 3) 144–149 Blue (wheel slot 4) 150–156 Light green (wheel slot 5) 157–163 Yellow (wheel slot 6) 164–169 Magenta (wheel slot 7) 170–176 Cyan (wheel slot 8) 177–183 Green (wheel slot 9) 184–189 Orange (wheel slot 10) 190–215 Forwards rainbow effect from fast to slow 216–217 No rotation 218–243 Backwards rainbow effect from slow to fast 244–249 Random colour selection by audio control 250–255 Auto random colour selection from fast to slow
8	Color Wheel Fine	0	Fine byte of Color Wheel

Mode 1 (27 ch) (continued)

Ch	Function	Default	DMX values
9	Color Wheel 2	0	0–13 Open/white (wheel slot 1) 14–27 Deep red (wheel slot 2) 28–41 Deep blue (wheel slot 3) 42–55 Pink (wheel slot 4) 56–69 Cyan (wheel slot 5) 70–83 Magenta (wheel slot 6) 84–97 Yellow (wheel slot 7) 98–111 3200 K correction filter (wheel slot 8) 112–127 UV Filter (wheel slot 9) 128–129 White (wheel slot 1) 130–136 Deep red (wheel slot 2) 137–144 Deep blue (wheel slot 3) 145–151 Pink (wheel slot 4) 152–159 Cyan (wheel slot 5) 160–166 Magenta (wheel slot 6) 167–174 Yellow (wheel slot 7) 175–181 3200 K correction filter (wheel slot 8) 182–189 UV Filter (wheel slot 9) 190–215 Forwards rainbow effect from fast to slow 216–217 No rotation 218–243 Backwards rainbow effect from slow to fast 244–249 Random colour selection by audio control 250–255 Auto random colour selection from fast to slow
10	Color Wheel 2 Fine	0	Fine byte of Color Wheel 2
11	Gobo	0	0–6 Open/hole (wheel slot 1) 7–12 Gobo 1 (15010608) (wheel slot 2) 13–18 Gobo 2 (15010609) (wheel slot 3) 19–25 Gobo 3 (15010700) (wheel slot 4) 26–31 Gobo 4 (15010701) (wheel slot 5) 32–38 Gobo 5 (15010702) (wheel slot 6) 39–44 Gobo 6 (15010703) (wheel slot 7) 45–50 Gobo 7 (15010704) (wheel slot 8) 51–57 Gobo 8 (15010705) (wheel slot 9) 58–63 Gobo 9 (15010706) (wheel slot 10) 64–64 Open/hole (wheel slot 1) 65–69 Gobo 1 (wheel slot 2) 70–74 Gobo 2 (wheel slot 3) 75–79 Gobo 3 (wheel slot 4) 80–84 Gobo 4 (wheel slot 5) 85–89 Gobo 5 (wheel slot 6) 90–94 Gobo 6 (wheel slot 7) 95–99 Gobo 7 (wheel slot 8) 100–104 Gobo 8 (wheel slot 9) 105–109 Gobo 9 (wheel slot 10) 110–119 Shaking gobo 1 (wheel slot 2) 120–129 Shaking gobo 2 (wheel slot 3) 130–139 Shaking gobo 3 (wheel slot 4) 140–149 Shaking gobo 4 (wheel slot 5) 150–159 Shaking gobo 5 (wheel slot 6) 160–169 Shaking gobo 6 (wheel slot 7) 170–179 Shaking gobo 7 (wheel slot 8) 180–189 Shaking gobo 8 (wheel slot 9) 190–199 Shaking gobo 9 (wheel slot 10) 200–201 Open/hole (wheel slot 1) 202–221 Forwards gobo wheel rotation from fast to slow 222–223 No rotation 224–243 Backwards gobo wheel rotation from slow to fast 244–249 Random gobo selection by audio control 250–255 Auto random gobo selection from fast to slow
12	Gobo Fine	0	Fine byte of Gobo

Mode 1 (27 ch) (continued)

Ch	Function	Default	DMX values
13	Gobo 2	0	0–3 Open/hole (wheel slot 1) 4–7 Gobo 1 (wheel slot 2) 8–11 Gobo 2 (wheel slot 3) 12–15 Gobo 3 (wheel slot 4) 16–19 Gobo 4 (wheel slot 5) 20–23 Gobo 5 (wheel slot 6) 24–27 Gobo 6 (wheel slot 7) 28–31 Gobo 7 (wheel slot 8) 32–35 Gobo 1 (wheel slot 2) 36–39 Gobo 2 (wheel slot 3) 40–43 Gobo 3 (wheel slot 4) 44–47 Gobo 4 (wheel slot 5) 48–51 Gobo 5 (wheel slot 6) 52–55 Gobo 6 (wheel slot 7) 56–59 Gobo 7 (wheel slot 8) 60–69 Shaking gobo 1 (wheel slot 2) 70–79 Shaking gobo 2 (wheel slot 3) 80–89 Shaking gobo 3 (wheel slot 4) 90–99 Shaking gobo 4 (wheel slot 5) 100–109 Shaking gobo 5 (wheel slot 6) 110–119 Shaking gobo 6 (wheel slot 7) 120–129 Shaking gobo 7 (wheel slot 8) 130–139 Shaking gobo 1 (wheel slot 2) 140–149 Shaking gobo 2 (wheel slot 3) 150–159 Shaking gobo 3 (wheel slot 4) 160–169 Shaking gobo 4 (wheel slot 5) 170–179 Shaking gobo 5 (wheel slot 6) 180–189 Shaking gobo 6 (wheel slot 7) 190–199 Shaking gobo 7 (wheel slot 8) 200–201 Open/hole (wheel slot 1) 202–221 Forwards gobo wheel rotation from fast to slow 222–223 No rotation 224–243 Backwards gobo wheel rotation from slow to fast 244–249 Random gobo selection by audio control 250–255 Auto random gobo selection from fast to slow
14	Gobo Rotation 2	0	
15	Gobo Rotation 2 Fine	0	Fine byte of Gobo Rotation 2
16	Prism	0	0–19 Open (wheel slot 1) 20–127 3-facet rotating prism (wheel slot 2) 128–135 Prism/gobo macro 1 136–143 Prism/gobo macro 2 144–151 Prism/gobo macro 3 152–159 Prism/gobo macro 4 160–167 Prism/gobo macro 5 168–175 Prism/gobo macro 6 176–183 Prism/gobo macro 7 184–191 Prism/gobo macro 8 192–199 Prism/gobo macro 9 200–207 Prism/gobo macro 10 208–215 Prism/gobo macro 11 216–223 Prism/gobo macro 12 224–231 Prism/gobo macro 13 232–239 Prism/gobo macro 14 240–247 Prism/gobo macro 15 248–255 Prism/gobo macro 16
17	Prism Rotation	0	0–0 No rotation 1–127 Forwards rotation from fast to slow 128–129 No rotation 130–255 Backwards rotation from slow to fast

Mode 1 (27 ch) (continued)

Ch	Function	Default	DMX values
18	Frost1	0	0–0 Open 1–179 Frost from 0% to 100% 180–189 100% frost 190–211 Pulse closing from slow to fast 212–233 Pulse opening from fast to slow 234–255 Ramping from fast to slow
19	Frost1 Fine	0	Fine byte of Frost1
20	Iris	0	0–0 Open 1–179 From max.diameter to min.diameter 180–191 Closed 192–219 Pulse opening from slow to fast 220–247 Pulse closing from fast to slow 248–249 Random pulse opening (fast) 250–251 Random pulse opening (slow) 252–253 Random pulse closing (fast) 254–255 Random pulse closing (slow)
21	Iris Fine	0	Fine byte of Iris
22	Zoom	0	0–39 Zoom 15° (without focus correction) 40–79 Zoom 18° (without focus correction) 80–127 Zoom 22° (without focus correction) 128–169 Zoom 15° (with focus correction) 170–219 Zoom 18° (with focus correction) 220–255 Zoom 22° (with focus correction)
23	Focus	0	
24	Focus Fine	0	Fine byte of Focus
25	Shutter / Strobe	32	0–31 Shutter closed 32–63 No function (Shutter open) 64–95 Strobe-effect from slow to fast 96–127 No function (Shutter open) 128–143 Opening pulse in sequences from slow to fast 144–159 Closing pulse in sequences from fast to slow 160–191 No function (Shutter open) 192–223 Random strobe-effect from slow to fast 224–255 No function (Shutter open)
26	Dimmer	0	
27	Dimmer Fine	0	Fine byte of Dimmer

Mode 3 (29 ch)

29 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	Position MSpeed	0	0–0 Max. speed (tracking mode) 1–255 Speed from max. to min. (vector mode) / time 0,1-25,...

Mode 3 (29 ch) (continued)

Ch	Function	Default	DMX values
6	Control1	0	0–49 Reserved 50–59 Pan/Tilt speed mode 60–69 Pan/Tilt time mode 70–79 Blackout while pan/tilt moving 80–89 Disabled blackout while pan/tilt moving 90–99 Blackout while colour wheel moving 100–109 Disabled blackout while colour wheel moving 110–119 Blackout while gobo wheel moving 120–129 Disabled blackout while gobo wheel moving 130–139 Lamp On, reset (total reset except pan/tilt reset) 140–149 Pan/Tilt reset 150–159 Colour wheels reset 160–169 Gobo wheels reset 170–179 Dimmer/ Strobe reset 180–189 Focus/Zoom/Frost reset 190–199 Iris/Prism reset 200–209 Total reset 210–229 Reserved 230–239 Lamp Off 240–255 Reserved
7	Position Effect	0	0–9 Disabled pan/tilt macro 10–31 Reserved 32–63 Figure of circle (from small to large) 64–95 Figure of horizontal eight (from small to large) 96–127 Figure of vertical eight (from small to large) 128–159 Figure of rectangle (from small to large) 160–191 Figure of triangle (from small to large) 192–223 Figure of five-pointed star (from small to large) 224–255 Figure of cross (from small to large)
8	Position Effect Rate	0	0–0 No macro generation 1–127 Macro generation from fast to slow-forwards 128–129 No macro generation 130–255 Macro generation from slow to fast-backwards
9	Color Wheel	0	0–12 Open/white (wheel slot 1) 13–25 Light blue (wheel slot 2) 26–38 Red (wheel slot 3) 39–51 Blue (wheel slot 4) 52–64 Light green (wheel slot 5) 65–77 Yellow (wheel slot 6) 78–90 Magenta (wheel slot 7) 91–103 Cyan (wheel slot 8) 104–116 Green (wheel slot 9) 117–127 Orange (wheel slot 10) 128–129 White (wheel slot 1) 130–136 Light blue (wheel slot 2) 137–143 Red (wheel slot 3) 144–149 Blue (wheel slot 4) 150–156 Light green (wheel slot 5) 157–163 Yellow (wheel slot 6) 164–169 Magenta (wheel slot 7) 170–176 Cyan (wheel slot 8) 177–183 Green (wheel slot 9) 184–189 Orange (wheel slot 10) 190–215 Forwards rainbow effect from fast to slow 216–217 No rotation 218–243 Backwards rainbow effect from slow to fast 244–249 Random colour selection by audio control 250–255 Auto random colour selection from fast to slow
10	Color Wheel Fine	0	Fine byte of Color Wheel

Mode 3 (29 ch) (continued)

Ch	Function	Default	DMX values
11	Color Wheel 2	0	0–13 Open/white (wheel slot 1) 14–27 Deep red (wheel slot 2) 28–41 Deep blue (wheel slot 3) 42–55 Pink (wheel slot 4) 56–69 Cyan (wheel slot 5) 70–83 Magenta (wheel slot 6) 84–97 Yellow (wheel slot 7) 98–111 3200 K correction filter (wheel slot 8) 112–127 UV Filter (wheel slot 9) 128–129 White (wheel slot 1) 130–136 Deep red (wheel slot 2) 137–144 Deep blue (wheel slot 3) 145–151 Pink (wheel slot 4) 152–159 Cyan (wheel slot 5) 160–166 Magenta (wheel slot 6) 167–174 Yellow (wheel slot 7) 175–181 3200 K correction filter (wheel slot 8) 182–189 UV Filter (wheel slot 9) 190–215 Forwards rainbow effect from fast to slow 216–217 No rotation 218–243 Backwards rainbow effect from slow to fast 244–249 Random colour selection by audio control 250–255 Auto random colour selection from fast to slow
12	Color Wheel 2 Fine	0	Fine byte of Color Wheel 2
13	Gobo	0	0–6 Open/hole (wheel slot 1) 7–12 Gobo 1 (15010608) (wheel slot 2) 13–18 Gobo 2 (15010609) (wheel slot 3) 19–25 Gobo 3 (15010700) (wheel slot 4) 26–31 Gobo 4 (15010701) (wheel slot 5) 32–38 Gobo 5 (15010702) (wheel slot 6) 39–44 Gobo 6 (15010703) (wheel slot 7) 45–50 Gobo 7 (15010704) (wheel slot 8) 51–57 Gobo 8 (15010705) (wheel slot 9) 58–63 Gobo 9 (15010706) (wheel slot 10) 64–64 Open/hole (wheel slot 1) 65–69 Gobo 1 (wheel slot 2) 70–74 Gobo 2 (wheel slot 3) 75–79 Gobo 3 (wheel slot 4) 80–84 Gobo 4 (wheel slot 5) 85–89 Gobo 5 (wheel slot 6) 90–94 Gobo 6 (wheel slot 7) 95–99 Gobo 7 (wheel slot 8) 100–104 Gobo 8 (wheel slot 9) 105–109 Gobo 9 (wheel slot 10) 110–119 Shaking gobo 1 (wheel slot 2) 120–129 Shaking gobo 2 (wheel slot 3) 130–139 Shaking gobo 3 (wheel slot 4) 140–149 Shaking gobo 4 (wheel slot 5) 150–159 Shaking gobo 5 (wheel slot 6) 160–169 Shaking gobo 6 (wheel slot 7) 170–179 Shaking gobo 7 (wheel slot 8) 180–189 Shaking gobo 8 (wheel slot 9) 190–199 Shaking gobo 9 (wheel slot 10) 200–201 Open/hole (wheel slot 1) 202–221 Forwards gobo wheel rotation from fast to slow 222–223 No rotation 224–243 Backwards gobo wheel rotation from slow to fast 244–249 Random gobo selection by audio control 250–255 Auto random gobo selection from fast to slow
14	Gobo Fine	0	Fine byte of Gobo

Mode 3 (29 ch) (continued)

Ch	Function	Default	DMX values
15	Gobo 2	0	0–3 Open/hole (wheel slot 1) 4–7 Gobo 1 (wheel slot 2) 8–11 Gobo 2 (wheel slot 3) 12–15 Gobo 3 (wheel slot 4) 16–19 Gobo 4 (wheel slot 5) 20–23 Gobo 5 (wheel slot 6) 24–27 Gobo 6 (wheel slot 7) 28–31 Gobo 7 (wheel slot 8) 32–35 Gobo 1 (wheel slot 2) 36–39 Gobo 2 (wheel slot 3) 40–43 Gobo 3 (wheel slot 4) 44–47 Gobo 4 (wheel slot 5) 48–51 Gobo 5 (wheel slot 6) 52–55 Gobo 6 (wheel slot 7) 56–59 Gobo 7 (wheel slot 8) 60–69 Shaking gobo 1 (wheel slot 2) 70–79 Shaking gobo 2 (wheel slot 3) 80–89 Shaking gobo 3 (wheel slot 4) 90–99 Shaking gobo 4 (wheel slot 5) 100–109 Shaking gobo 5 (wheel slot 6) 110–119 Shaking gobo 6 (wheel slot 7) 120–129 Shaking gobo 7 (wheel slot 8) 130–139 Shaking gobo 1 (wheel slot 2) 140–149 Shaking gobo 2 (wheel slot 3) 150–159 Shaking gobo 3 (wheel slot 4) 160–169 Shaking gobo 4 (wheel slot 5) 170–179 Shaking gobo 5 (wheel slot 6) 180–189 Shaking gobo 6 (wheel slot 7) 190–199 Shaking gobo 7 (wheel slot 8) 200–201 Open/hole (wheel slot 1) 202–221 Forwards gobo wheel rotation from fast to slow 222–223 No rotation 224–243 Backwards gobo wheel rotation from slow to fast 244–249 Random gobo selection by audio control 250–255 Auto random gobo selection from fast to slow
16	Gobo Rotation 2	0	
17	Gobo Rotation 2 Fine	0	Fine byte of Gobo Rotation 2
18	Prism	0	0–19 Open (wheel slot 1) 20–127 3-facet rotating prism (wheel slot 2) 128–135 Prism/gobo macro 1 136–143 Prism/gobo macro 2 144–151 Prism/gobo macro 3 152–159 Prism/gobo macro 4 160–167 Prism/gobo macro 5 168–175 Prism/gobo macro 6 176–183 Prism/gobo macro 7 184–191 Prism/gobo macro 8 192–199 Prism/gobo macro 9 200–207 Prism/gobo macro 10 208–215 Prism/gobo macro 11 216–223 Prism/gobo macro 12 224–231 Prism/gobo macro 13 232–239 Prism/gobo macro 14 240–247 Prism/gobo macro 15 248–255 Prism/gobo macro 16
19	Prism Rotation	0	0–0 No rotation 1–127 Forwards rotation from fast to slow 128–129 No rotation 130–255 Backwards rotation from slow to fast

Mode 3 (29 ch) (continued)

Ch	Function	Default	DMX values
20	Frost1	0	0–0 Open 1–179 Frost from 0% to 100% 180–189 100% frost 190–211 Pulse closing from slow to fast 212–233 Pulse opening from fast to slow 234–255 Ramping from fast to slow
21	Frost1 Fine	0	Fine byte of Frost1
22	Iris	0	0–0 Open 1–179 From max.diameter to min.diameter 180–191 Closed 192–219 Pulse opening from slow to fast 220–247 Pulse closing from fast to slow 248–249 Random pulse opening (fast) 250–251 Random pulse opening (slow) 252–253 Random pulse closing (fast) 254–255 Random pulse closing (slow)
23	Iris Fine	0	Fine byte of Iris
24	Zoom	0	0–39 Zoom 15° (without focus correction) 40–79 Zoom 18° (without focus correction) 80–127 Zoom 22° (without focus correction) 128–169 Zoom 15° (with focus correction) 170–219 Zoom 18° (with focus correction) 220–255 Zoom 22° (with focus correction)
25	Focus	0	
26	Focus Fine	0	Fine byte of Focus
27	Shutter / Strobe	32	0–31 Shutter closed 32–63 No function (Shutter open) 64–95 Strobe-effect from slow to fast 96–127 No function (Shutter open) 128–143 Opening pulse in sequences from slow to fast 144–159 Closing pulse in sequences from fast to slow 160–191 No function (Shutter open) 192–223 Random strobe-effect from slow to fast 224–255 No function (Shutter open)
28	Dimmer	0	
29	Dimmer Fine	0	Fine byte of Dimmer

Fixture model: gdtf-robe-colorspot-575-at-2026110385
Creator: HitLight
Modifications: Original HitLight 3D housing: scripted parametric geometry modelled by HitLight from public product photos and the manufactu…