Robe Lighting

ColorSpot 250 AT



Manufacturer	**Robe Lighting**
Type	**Moving head**
DMX modes	**4**
DMX footprint	**14, 16, 18, 20 channels**
Beam angle	**15°**
Pan range	**530°**
Tilt range	**280°**
Size (W × H × D)	**372 × 115 × 328 mm**
GDTF fixture type	**8F84E9B4-32CF-4ACD-A913-23…**

Controls

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

Safety-relevant functions

Lamp on and off · Fixture reset · Strobe

DMX modes

Mode 2 - 8 bit normal	14 ch
Mode 4 - 8 bit + Position macros	16 ch
Mode 1 - 16 bit normal	18 ch
Mode 3 - 16 bit + Position macros	20 ch

Mode 2 - 8 bit normal

14 channels

Ch	Function	Default	DMX values
1	Pan	85	
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 Standard mode 1–1 Max Speed Mode 2–254 Max to Min 255–255 Min Speed Mode
6	Control1	0	0–49 No function 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 wheels moving 100–109 Disabled blackout while colour wheels moving 110–119 Blackout while gobo wheels moving 120–129 Disabled blackout while gobo wheels moving 130–139 Lamp On 140–149 Pan/Tilt reset 150–159 Colour system reset 160–169 Zoom/Fresnel reset 170–179 Dimmer/Shutter reset 180–189 Focus reset 190–199 Prism reset 200–209 Total reset 210–229 NoFeature 1 230–239 Lamp Off 240–255 NoFeature 2
7	Color Wheel	0	0–5 Open/white - continual (wheel slot 1) 6–16 Dark Green (wheel slot 2) 17–28 Red (wheel slot 3) 29–39 Light azure (wheel slot 4) 40–52 Magenta (wheel slot 5) 53–63 UV filter (wheel slot 6) 64–76 Yellow (wheel slot 7) 77–84 Green (wheel slot 8) 85–100 Pink (wheel slot 9) 101–109 Blue (wheel slot 10) 110–124 Deep red (wheel slot 11) 125–129 Open (wheel slot 1) 130–135 Dark Green (wheel slot 2) 136–141 Red (wheel slot 3) 142–147 Light azure (wheel slot 4) 148–153 Magenta (wheel slot 5) 154–159 UV filter (wheel slot 6) 160–165 Yellow (wheel slot 7) 166–171 Green (wheel slot 8) 172–177 Pink (wheel slot 9) 178–183 Blue (wheel slot 10) 184–189 Deep red (wheel slot 11) 190–211 Fast to slow - Fast 212–215 Fast to slow - Slow 216–217 No rotation middle 218–240 Slow to fast - Slow 241–243 Slow to fast - Fast 244–249 Random colour selection by audio control 250–255 Auto random color selection from fast to slow

Mode 2 - 8 bit normal (continued)

Ch	Function	Default	DMX values
8	Gobo	0	0–3 Open (wheel slot 1) 4–7 Gobo1 index (wheel slot 2) 8–11 Gobo2 index (wheel slot 3) 12–15 Gobo3 index (wheel slot 4) 16–19 Gobo4 index (wheel slot 5) 20–23 Gobo5 index (wheel slot 6) 24–27 Gobo6 index (wheel slot 7) 28–31 Gobo7 index (wheel slot 8) 32–35 Gobo1 rotate (wheel slot 2) 36–39 Gobo2 rotate (wheel slot 3) 40–43 Gobo3 rotate (wheel slot 4) 44–47 Gobo4 rotate (wheel slot 5) 48–51 Gobo5 rotate (wheel slot 6) 52–55 Gobo6 rotate (wheel slot 7) 56–59 Gobo7 rotate (wheel slot 8) 60–69 Gobo 1 - Shaking Index (wheel slot 2) 70–79 Gobo 2 - Shaking Index (wheel slot 3) 80–89 Gobo 3 - Shaking Index (wheel slot 4) 90–99 Gobo 4 - Shaking Index (wheel slot 5) 100–109 Gobo 5 - Shaking Index (wheel slot 6) 110–119 Gobo 6 - Shaking Index (wheel slot 7) 120–129 Gobo 7 - Shaking Index (wheel slot 8) 130–139 Gobo 1 - Shaking Rotation (wheel slot 2) 140–149 Gobo 2 - Shaking Rotation (wheel slot 3) 150–159 Gobo 3 - Shaking Rotation (wheel slot 4) 160–169 Gobo 4 - Shaking Rotation (wheel slot 5) 170–179 Gobo 5 - Shaking Rotation (wheel slot 6) 180–189 Gobo 6 - Shaking Rotation (wheel slot 7) 190–199 Gobo 7 - Shaking Rotation (wheel slot 8) 200–201 Open/hole (wheel slot 1) 202–220 Fast to slow - Fast 221–223 Fast to slow - slow 224–237 Slow to fast - slow 238–243 Slow to fast - fast 244–249 Random gobo selection by audio control 250–255 Auto randim gobo selection from fast to slow
9	Gobo Rotation	128	0–0 Gobo indexing min 1–124 Fast to slow - Fast 125–127 Fast to slow - Slow 128–128 Gobo indexing center 129–231 Gobo indexing max 232–255 Slow to fast - Fast
10	Prism	0	0–19 Open/hole (wheel slot 1) 20–73 Prism indexing (wheel slot 2) 74–127 Prism rotation (wheel slot 2) 128–135 Macro 1 (wheel slot 2) 136–143 Macro 2 (wheel slot 2) 144–151 Macro 3 (wheel slot 2) 152–159 Macro 4 (wheel slot 2) 160–167 Macro 5 (wheel slot 2) 168–175 Macro 6 (wheel slot 2) 176–183 Macro 7 (wheel slot 2) 184–191 Macro 8 (wheel slot 2) 192–199 Macro 9 (wheel slot 2) 200–207 Macro 10 (wheel slot 2) 208–215 Macro 11 (wheel slot 2) 216–223 Macro 12 (wheel slot 2) 224–231 Macro 13 (wheel slot 2) 232–239 Macro 14 (wheel slot 2) 240–247 Macro 15 (wheel slot 2) 248–255 Macro 16 (wheel slot 2)

Mode 2 - 8 bit normal (continued)

Ch	Function	Default	DMX values
11	Prism Rotation	128	0–0 No rotation 1–124 min 125–127 Fast to slow - Slow 128–128 center 129–232 max 233–255 Slow to fast - Fast
12	Focus	128	
13	Shutter / Strobe	32	0–31 Closed 32–63 Open Full power 64–94 Slow 95–95 Fast 96–127 Shutter open 128–142 Slow 143–158 Fast 159–159 Slow 160–191 Open 192–223 Random strobe from slow to fast 224–255 Open
14	Dimmer	0	

Mode 4 - 8 bit + Position macros

16 channels

Ch	Function	Default	DMX values
1	Pan	85	
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 Standard mode 1–1 Max Speed Mode 2–254 Max to Min 255–255 Min Speed Mode
6	Control1	0	0–49 No function 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 wheels moving 100–109 Disabled blackout while colour wheels moving 110–119 Blackout while gobo wheels moving 120–129 Disabled blackout while gobo wheels moving 130–139 Lamp On 140–149 Pan/Tilt reset 150–159 Colour system reset 160–169 Zoom/Fresnel reset 170–179 Dimmer/Shutter reset 180–189 Focus reset 190–199 Prism reset 200–209 Total reset 210–229 NoFeature 1 230–239 Lamp Off 240–255 NoFeature 2

Mode 4 - 8 bit + Position macros (continued)

Ch	Function	Default	DMX values
7	Position Effect	0	0–9 Disabled pan/tilt macro 10–31 Reserved 32–63 Figure of circle - small to large 64–95 Figure of horizontal eight - small to large 96–127 Figure of vertical eight - small to large 128–159 Figure of rectangle - small to large 160–191 Figure of triangle - small to large 192–223 Figure of five pointed star - small to large 224–255 Figure of cross - small to large
8	Position Effect Rate	0	0–0 No macro generation 1–127 Macro generation - fast to slow forwards 128–129 No macro generation 130–255 Macro generation - slow to fast backwards
9	Color Wheel	0	0–5 Open/white - continual (wheel slot 1) 6–16 Dark Green (wheel slot 2) 17–28 Red (wheel slot 3) 29–39 Light azure (wheel slot 4) 40–52 Magenta (wheel slot 5) 53–63 UV filter (wheel slot 6) 64–76 Yellow (wheel slot 7) 77–84 Green (wheel slot 8) 85–100 Pink (wheel slot 9) 101–109 Blue (wheel slot 10) 110–124 Deep red (wheel slot 11) 125–129 Open (wheel slot 1) 130–135 Dark Green (wheel slot 2) 136–141 Red (wheel slot 3) 142–147 Light azure (wheel slot 4) 148–153 Magenta (wheel slot 5) 154–159 UV filter (wheel slot 6) 160–165 Yellow (wheel slot 7) 166–171 Green (wheel slot 8) 172–177 Pink (wheel slot 9) 178–183 Blue (wheel slot 10) 184–189 Deep red (wheel slot 11) 190–211 Fast to slow - Fast 212–215 Fast to slow - Slow 216–217 No rotation middle 218–240 Slow to fast - Slow 241–243 Slow to fast - Fast 244–249 Random colour selection by audio control 250–255 Auto random color selection from fast to slow

Mode 4 - 8 bit + Position macros (continued)

Ch	Function	Default	DMX values
10	Gobo	0	0–3 Open (wheel slot 1) 4–7 Gobo1 index (wheel slot 2) 8–11 Gobo2 index (wheel slot 3) 12–15 Gobo3 index (wheel slot 4) 16–19 Gobo4 index (wheel slot 5) 20–23 Gobo5 index (wheel slot 6) 24–27 Gobo6 index (wheel slot 7) 28–31 Gobo7 index (wheel slot 8) 32–35 Gobo1 rotate (wheel slot 2) 36–39 Gobo2 rotate (wheel slot 3) 40–43 Gobo3 rotate (wheel slot 4) 44–47 Gobo4 rotate (wheel slot 5) 48–51 Gobo5 rotate (wheel slot 6) 52–55 Gobo6 rotate (wheel slot 7) 56–59 Gobo7 rotate (wheel slot 8) 60–69 Gobo 1 - Shaking Index (wheel slot 2) 70–79 Gobo 2 - Shaking Index (wheel slot 3) 80–89 Gobo 3 - Shaking Index (wheel slot 4) 90–99 Gobo 4 - Shaking Index (wheel slot 5) 100–109 Gobo 5 - Shaking Index (wheel slot 6) 110–119 Gobo 6 - Shaking Index (wheel slot 7) 120–129 Gobo 7 - Shaking Index (wheel slot 8) 130–139 Gobo 1 - Shaking Rotation (wheel slot 2) 140–149 Gobo 2 - Shaking Rotation (wheel slot 3) 150–159 Gobo 3 - Shaking Rotation (wheel slot 4) 160–169 Gobo 4 - Shaking Rotation (wheel slot 5) 170–179 Gobo 5 - Shaking Rotation (wheel slot 6) 180–189 Gobo 6 - Shaking Rotation (wheel slot 7) 190–199 Gobo 7 - Shaking Rotation (wheel slot 8) 200–201 Open/hole (wheel slot 1) 202–220 Fast to slow - Fast 221–223 Fast to slow - slow 224–237 Slow to fast - slow 238–243 Slow to fast - fast 244–249 Random gobo selection by audio control 250–255 Auto randim gobo selection from fast to slow
11	Gobo Rotation	128	0–0 Gobo indexing min 1–124 Fast to slow - Fast 125–127 Fast to slow - Slow 128–128 Gobo indexing center 129–231 Gobo indexing max 232–255 Slow to fast - Fast
12	Prism	0	0–19 Open/hole (wheel slot 1) 20–73 Prism indexing (wheel slot 2) 74–127 Prism rotation (wheel slot 2) 128–135 Macro 1 (wheel slot 2) 136–143 Macro 2 (wheel slot 2) 144–151 Macro 3 (wheel slot 2) 152–159 Macro 4 (wheel slot 2) 160–167 Macro 5 (wheel slot 2) 168–175 Macro 6 (wheel slot 2) 176–183 Macro 7 (wheel slot 2) 184–191 Macro 8 (wheel slot 2) 192–199 Macro 9 (wheel slot 2) 200–207 Macro 10 (wheel slot 2) 208–215 Macro 11 (wheel slot 2) 216–223 Macro 12 (wheel slot 2) 224–231 Macro 13 (wheel slot 2) 232–239 Macro 14 (wheel slot 2) 240–247 Macro 15 (wheel slot 2) 248–255 Macro 16 (wheel slot 2)

Mode 4 - 8 bit + Position macros (continued)

Ch	Function	Default	DMX values
13	Prism Rotation	128	0–0 No rotation 1–124 min 125–127 Fast to slow - Slow 128–128 center 129–232 max 233–255 Slow to fast - Fast
14	Focus	128	
15	Shutter / Strobe	32	0–31 Closed 32–63 Open Full power 64–94 Slow 95–95 Fast 96–127 Shutter open 128–142 Slow 143–158 Fast 159–159 Slow 160–191 Open 192–223 Random strobe from slow to fast 224–255 Open
16	Dimmer	0	

Mode 1 - 16 bit normal

18 channels

Ch	Function	Default	DMX values
1	Pan	85	
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 Standard mode 1–1 Max Speed Mode 2–254 Max to Min 255–255 Min Speed Mode
6	Control1	0	0–49 No function 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 wheels moving 100–109 Disabled blackout while colour wheels moving 110–119 Blackout while gobo wheels moving 120–129 Disabled blackout while gobo wheels moving 130–139 Lamp On 140–149 Pan/Tilt reset 150–159 Colour system reset 160–169 Zoom/Fresnel reset 170–179 Dimmer/Shutter reset 180–189 Focus reset 190–199 Prism reset 200–209 Total reset 210–229 NoFeature 1 230–239 Lamp Off 240–255 NoFeature 2

Mode 1 - 16 bit normal (continued)

Ch	Function	Default	DMX values
7	Color Wheel	0	0–5 Open/white - continual (wheel slot 1) 6–16 Dark Green (wheel slot 2) 17–28 Red (wheel slot 3) 29–39 Light azure (wheel slot 4) 40–52 Magenta (wheel slot 5) 53–63 UV filter (wheel slot 6) 64–76 Yellow (wheel slot 7) 77–84 Green (wheel slot 8) 85–100 Pink (wheel slot 9) 101–109 Blue (wheel slot 10) 110–124 Deep red (wheel slot 11) 125–129 Open (wheel slot 1) 130–135 Dark Green (wheel slot 2) 136–141 Red (wheel slot 3) 142–147 Light azure (wheel slot 4) 148–153 Magenta (wheel slot 5) 154–159 UV filter (wheel slot 6) 160–165 Yellow (wheel slot 7) 166–171 Green (wheel slot 8) 172–177 Pink (wheel slot 9) 178–183 Blue (wheel slot 10) 184–189 Deep red (wheel slot 11) 190–211 Fast to slow - Fast 212–215 Fast to slow - Slow 216–217 No rotation middle 218–240 Slow to fast - Slow 241–243 Slow to fast - Fast 244–249 Random colour selection by audio control 250–255 Auto random color selection from fast to slow
8	Color Wheel Fine	0	Fine byte of Color Wheel

Mode 1 - 16 bit normal (continued)

Ch	Function	Default	DMX values
9	Gobo	0	0–3 Open (wheel slot 1) 4–7 Gobo1 index (wheel slot 2) 8–11 Gobo2 index (wheel slot 3) 12–15 Gobo3 index (wheel slot 4) 16–19 Gobo4 index (wheel slot 5) 20–23 Gobo5 index (wheel slot 6) 24–27 Gobo6 index (wheel slot 7) 28–31 Gobo7 index (wheel slot 8) 32–35 Gobo1 rotate (wheel slot 2) 36–39 Gobo2 rotate (wheel slot 3) 40–43 Gobo3 rotate (wheel slot 4) 44–47 Gobo4 rotate (wheel slot 5) 48–51 Gobo5 rotate (wheel slot 6) 52–55 Gobo6 rotate (wheel slot 7) 56–59 Gobo7 rotate (wheel slot 8) 60–69 Gobo 1 - Shaking Index (wheel slot 2) 70–79 Gobo 2 - Shaking Index (wheel slot 3) 80–89 Gobo 3 - Shaking Index (wheel slot 4) 90–99 Gobo 4 - Shaking Index (wheel slot 5) 100–109 Gobo 5 - Shaking Index (wheel slot 6) 110–119 Gobo 6 - Shaking Index (wheel slot 7) 120–129 Gobo 7 - Shaking Index (wheel slot 8) 130–139 Gobo 1 - Shaking Rotation (wheel slot 2) 140–149 Gobo 2 - Shaking Rotation (wheel slot 3) 150–159 Gobo 3 - Shaking Rotation (wheel slot 4) 160–169 Gobo 4 - Shaking Rotation (wheel slot 5) 170–179 Gobo 5 - Shaking Rotation (wheel slot 6) 180–189 Gobo 6 - Shaking Rotation (wheel slot 7) 190–199 Gobo 7 - Shaking Rotation (wheel slot 8) 200–201 Open/hole (wheel slot 1) 202–220 Fast to slow - Fast 221–223 Fast to slow - slow 224–237 Slow to fast - slow 238–243 Slow to fast - fast 244–249 Random gobo selection by audio control 250–255 Auto randim gobo selection from fast to slow
10	Gobo Rotation	127	0–0 Gobo indexing min 1–123 Fast to slow - Fast 124–127 Fast to slow - Slow 128–128 Gobo indexing center 129–231 Slow to fast - Slow 232–255 Slow to fast - Fast
11	Gobo Rotation Fine	255	Fine byte of Gobo Rotation
12	Prism	0	0–19 Open/hole (wheel slot 1) 20–73 Prism indexing (wheel slot 2) 74–127 Prism rotation (wheel slot 2) 128–135 Macro 1 (wheel slot 2) 136–143 Macro 2 (wheel slot 2) 144–151 Macro 3 (wheel slot 2) 152–159 Macro 4 (wheel slot 2) 160–167 Macro 5 (wheel slot 2) 168–175 Macro 6 (wheel slot 2) 176–183 Macro 7 (wheel slot 2) 184–191 Macro 8 (wheel slot 2) 192–199 Macro 9 (wheel slot 2) 200–207 Macro 10 (wheel slot 2) 208–215 Macro 11 (wheel slot 2) 216–223 Macro 12 (wheel slot 2) 224–231 Macro 13 (wheel slot 2) 232–239 Macro 14 (wheel slot 2) 240–247 Macro 15 (wheel slot 2) 248–255 Macro 16 (wheel slot 2)

Mode 1 - 16 bit normal (continued)

Ch	Function	Default	DMX values
13	Prism Rotation	128	0–0 No rotation 1–124 min 125–127 Fast to slow - Slow 128–128 center 129–232 max 233–255 Slow to fast - Fast
14	Focus	128	
15	Focus Fine	0	Fine byte of Focus
16	Shutter / Strobe	32	0–31 Closed 32–63 Open 64–94 Slow 95–95 Fast 96–127 Shutter open 128–142 Slow 143–158 Fast 159–159 Slow 160–191 Open 192–223 Random strobe from slow to fast 224–255 Open
17	Dimmer	0	
18	Dimmer Fine	0	Fine byte of Dimmer

Mode 3 - 16 bit + Position macros

20 channels

Ch	Function	Default	DMX values
1	Pan	85	
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 Standard mode 1–1 Max Speed Mode 2–254 Max to Min 255–255 Min Speed Mode
6	Control1	0	0–49 No function 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 wheels moving 100–109 Disabled blackout while colour wheels moving 110–119 Blackout while gobo wheels moving 120–129 Disabled blackout while gobo wheels moving 130–139 Lamp On 140–149 Pan/Tilt reset 150–159 Colour system reset 160–169 Zoom/Fresnel reset 170–179 Dimmer/Shutter reset 180–189 Focus reset 190–199 Prism reset 200–209 Total reset 210–229 NoFeature 1 230–239 Lamp Off 240–255 NoFeature 2

Mode 3 - 16 bit + Position macros (continued)

Ch	Function	Default	DMX values
7	Position Effect	0	0–9 Disabled pan/tilt macro 10–31 Reserved 32–63 Figure of circle - small to large 64–95 Figure of horizontal eight - small to large 96–127 Figure of vertical eight - small to large 128–159 Figure of rectangle - small to large 160–191 Figure of triangle - small to large 192–223 Figure of five pointed star - small to large 224–255 Figure of cross - small to large
8	Position Effect Rate	0	0–0 No macro generation 1–127 Macro generation - fast to slow forwards 128–129 No macro generation 130–255 Macro generation - slow to fast backwards
9	Color Wheel	0	0–5 Open/white - continual (wheel slot 1) 6–16 Dark Green (wheel slot 2) 17–28 Red (wheel slot 3) 29–39 Light azure (wheel slot 4) 40–52 Magenta (wheel slot 5) 53–63 UV filter (wheel slot 6) 64–76 Yellow (wheel slot 7) 77–84 Green (wheel slot 8) 85–100 Pink (wheel slot 9) 101–109 Blue (wheel slot 10) 110–124 Deep red (wheel slot 11) 125–129 Open (wheel slot 1) 130–135 Dark Green (wheel slot 2) 136–141 Red (wheel slot 3) 142–147 Light azure (wheel slot 4) 148–153 Magenta (wheel slot 5) 154–159 UV filter (wheel slot 6) 160–165 Yellow (wheel slot 7) 166–171 Green (wheel slot 8) 172–177 Pink (wheel slot 9) 178–183 Blue (wheel slot 10) 184–189 Deep red (wheel slot 11) 190–211 Fast to slow - Fast 212–215 Fast to slow - Slow 216–217 No rotation middle 218–240 Slow to fast - Slow 241–243 Slow to fast - Fast 244–249 Random colour selection by audio control 250–255 Auto random color selection from fast to slow
10	Color Wheel Fine	0	Fine byte of Color Wheel

Mode 3 - 16 bit + Position macros (continued)

Ch	Function	Default	DMX values
11	Gobo	0	0–3 Open (wheel slot 1) 4–7 Gobo1 index (wheel slot 2) 8–11 Gobo2 index (wheel slot 3) 12–15 Gobo3 index (wheel slot 4) 16–19 Gobo4 index (wheel slot 5) 20–23 Gobo5 index (wheel slot 6) 24–27 Gobo6 index (wheel slot 7) 28–31 Gobo7 index (wheel slot 8) 32–35 Gobo1 rotate (wheel slot 2) 36–39 Gobo2 rotate (wheel slot 3) 40–43 Gobo3 rotate (wheel slot 4) 44–47 Gobo4 rotate (wheel slot 5) 48–51 Gobo5 rotate (wheel slot 6) 52–55 Gobo6 rotate (wheel slot 7) 56–59 Gobo7 rotate (wheel slot 8) 60–69 Gobo 1 - Shaking Index (wheel slot 2) 70–79 Gobo 2 - Shaking Index (wheel slot 3) 80–89 Gobo 3 - Shaking Index (wheel slot 4) 90–99 Gobo 4 - Shaking Index (wheel slot 5) 100–109 Gobo 5 - Shaking Index (wheel slot 6) 110–119 Gobo 6 - Shaking Index (wheel slot 7) 120–129 Gobo 7 - Shaking Index (wheel slot 8) 130–139 Gobo 1 - Shaking Rotation (wheel slot 2) 140–149 Gobo 2 - Shaking Rotation (wheel slot 3) 150–159 Gobo 3 - Shaking Rotation (wheel slot 4) 160–169 Gobo 4 - Shaking Rotation (wheel slot 5) 170–179 Gobo 5 - Shaking Rotation (wheel slot 6) 180–189 Gobo 6 - Shaking Rotation (wheel slot 7) 190–199 Gobo 7 - Shaking Rotation (wheel slot 8) 200–201 Open/hole (wheel slot 1) 202–220 Fast to slow - Fast 221–223 Fast to slow - slow 224–237 Slow to fast - slow 238–243 Slow to fast - fast 244–249 Random gobo selection by audio control 250–255 Auto randim gobo selection from fast to slow
12	Gobo Rotation	127	0–0 Gobo indexing min 1–123 Fast to slow - Fast 124–127 Fast to slow - Slow 128–128 Gobo indexing center 129–231 Slow to fast - Slow 232–255 Slow to fast - Fast
13	Gobo Rotation Fine	255	Fine byte of Gobo Rotation
14	Prism	0	0–19 Open/hole (wheel slot 1) 20–73 Prism indexing (wheel slot 2) 74–127 Prism rotation (wheel slot 2) 128–135 Macro 1 (wheel slot 2) 136–143 Macro 2 (wheel slot 2) 144–151 Macro 3 (wheel slot 2) 152–159 Macro 4 (wheel slot 2) 160–167 Macro 5 (wheel slot 2) 168–175 Macro 6 (wheel slot 2) 176–183 Macro 7 (wheel slot 2) 184–191 Macro 8 (wheel slot 2) 192–199 Macro 9 (wheel slot 2) 200–207 Macro 10 (wheel slot 2) 208–215 Macro 11 (wheel slot 2) 216–223 Macro 12 (wheel slot 2) 224–231 Macro 13 (wheel slot 2) 232–239 Macro 14 (wheel slot 2) 240–247 Macro 15 (wheel slot 2) 248–255 Macro 16 (wheel slot 2)

Mode 3 - 16 bit + Position macros (continued)

Ch	Function	Default	DMX values
15	Prism Rotation	128	0–0 No rotation 1–124 min 125–127 Fast to slow - Slow 128–128 center 129–232 max 233–255 Slow to fast - Fast
16	Focus	128	
17	Focus Fine	0	Fine byte of Focus
18	Shutter / Strobe	32	0–31 Closed 32–63 Open Full power 64–94 Slow 95–95 Fast 96–127 Shutter open 128–142 Slow 143–158 Fast 159–159 Slow 160–191 Open 192–223 Random strobe from slow to fast 224–255 Open
19	Dimmer	0	
20	Dimmer Fine	0	Fine byte of Dimmer

Fixture model: gdtf-robe-lighting-colorspot-250-at-58024
Creator: HitLight
Modifications: Original in-house geometry based on exact ColorSpot 250 AT manufacturer reference; no third-party meshes or photo textures e...