Robe Lighting

Wash 575 XT



Manufacturer	**Robe Lighting**
Type	**Moving head**
DMX modes	**3**
DMX footprint	**14, 16 channels**
Beam angle	**7-28°**
Pan range	**530°**
Tilt range	**280°**
Size (W × H × D)	**300 × 375 × 280 mm**
GDTF fixture type	**5E9C4533-1089-5B66-8055-CE1…**

Controls

Frost · Zoom · CMY colour mixing · Colour wheel · Strobe · Dimmer · Pan and tilt · Movement speed

Safety-relevant functions

Lamp on and off · Fixture reset

DMX modes

8-bit (provisional researched)	14 ch
Mode 1 (16-bit) (provisional researched)	16 ch
Mode 2 (16-bit) (provisional researched)	16 ch

8-bit (provisional researched)

14 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Tilt	128	
3	Position MSpeed	0	0–0 Max. speed (tracking mode) 1–249 From max. to min. speed (vector mode) 250–252 Max. speed (tracking mode), blackout while colour... 253–255 Max. speed (vector mode), blackout while pan/tilt ...
4	Lamp Control	0	0–127 From max. speed of fan to min. speed of fan 128–139 Lamp on, reset 140–229 No function 230–239 Lamp off after 3 sec 240–255 No function
5	Color Wheel	0	0–15 Open/white (wheel slot 1) 16–31 Deep red (wheel slot 2) 32–47 Blue (wheel slot 3) 48–63 Green (wheel slot 4) 64–79 Orange (wheel slot 5) 80–95 CTF 3200 K (wheel slot 6) 96–111 CTF 5600 K (wheel slot 7) 112–127 UV filter (wheel slot 8) 128–190 Forwards rainbow effect from fast to slow 191–192 No rotation 193–255 Backwards rainbow effect from slow to fast
6	Cyan	0	
7	Magenta	0	
8	Yellow	0	
9	Color Mix MSpeed	0	
10	Color Macro1	0	0–7 Off 8–15 Macro 1 16–23 Macro 2 24–31 Macro 3 32–39 Macro 4 40–47 Macro 5 48–55 Macro 6 56–63 Macro 7 64–71 Macro 8 72–79 Macro 9 80–87 Macro 10 88–95 Macro 11 96–103 Macro 12 104–111 Macro 13 112–119 Macro 14 120–127 Macro 15 128–135 Macro 16 136–143 Macro 17 144–151 Macro 18 152–159 Macro 19 160–167 Macro 20 168–175 Macro 21 176–183 Macro 22 184–191 Macro 23 192–199 Macro 24 200–207 Macro 25 208–215 Macro 26 216–223 Macro 27 224–231 Macro 28 232–239 Macro 29 240–247 Macro 30 248–255 Macro 31

8-bit (provisional researched) (continued)

Ch	Function	Default	DMX values
11	Frost1	0	0–70 Full beam 71–180 Beam shaper 181–255 Frost filter
12	Zoom	0	
13	Shutter / Strobe	32	0–31 Shutter closed 32–63 Shutter open 64–95 Strobe-effect from slow to fast 1–10 Hz 96–127 Shutter open 128–159 Pulse-effect in sequences 160–191 Shutter open 192–223 Random strobe-effect 224–255 Shutter open
14	Dimmer	0	

Mode 1 (16-bit) (provisional researched)

16 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Tilt	128	
3	Pan Fine	0	Fine byte of Pan
4	Tilt Fine	0	Fine byte of Tilt
5	Position MSpeed	0	0–0 Max. speed (tracking mode) 1–249 From max. to min. speed (vector mode) 250–252 Max. speed (tracking mode), blackout while colour... 253–255 Max. speed (vector mode), blackout while pan/tilt ...
6	Lamp Control	0	0–127 From max. speed of fan to min. speed of fan 128–139 Lamp on, reset 140–229 No function 230–239 Lamp off after 3 sec 240–255 No function
7	Color Wheel	0	0–15 Open/white (wheel slot 1) 16–31 Deep red (wheel slot 2) 32–47 Blue (wheel slot 3) 48–63 Green (wheel slot 4) 64–79 Orange (wheel slot 5) 80–95 CTF 3200 K (wheel slot 6) 96–111 CTF 5600 K (wheel slot 7) 112–127 UV filter (wheel slot 8) 128–190 Forwards rainbow effect from fast to slow 191–192 No rotation 193–255 Backwards rainbow effect from slow to fast
8	Cyan	0	
9	Magenta	0	
10	Yellow	0	
11	Color Mix MSpeed	0	

Mode 1 (16-bit) (provisional researched) (continued)

Ch	Function	Default	DMX values
12	Color Macro1	0	0–7 Off 8–15 Macro 1 16–23 Macro 2 24–31 Macro 3 32–39 Macro 4 40–47 Macro 5 48–55 Macro 6 56–63 Macro 7 64–71 Macro 8 72–79 Macro 9 80–87 Macro 10 88–95 Macro 11 96–103 Macro 12 104–111 Macro 13 112–119 Macro 14 120–127 Macro 15 128–135 Macro 16 136–143 Macro 17 144–151 Macro 18 152–159 Macro 19 160–167 Macro 20 168–175 Macro 21 176–183 Macro 22 184–191 Macro 23 192–199 Macro 24 200–207 Macro 25 208–215 Macro 26 216–223 Macro 27 224–231 Macro 28 232–239 Macro 29 240–247 Macro 30 248–255 Macro 31
13	Frost1	0	0–70 Full beam 71–180 Beam shaper 181–255 Frost filter
14	Zoom	0	
15	Shutter / Strobe	32	0–31 Shutter closed 32–63 Shutter open 64–95 Strobe-effect from slow to fast 1–10 Hz 96–127 Shutter open 128–159 Pulse-effect in sequences 160–191 Shutter open 192–223 Random strobe-effect 224–255 Shutter open
16	Dimmer	0	

Mode 2 (16-bit) (provisional researched)

16 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) 1–249 From max. to min. speed (vector mode) 250–252 Max. speed (tracking mode), blackout while colour... 253–255 Max. speed (vector mode), blackout while pan/tilt ...

Mode 2 (16-bit) (provisional researched) (continued)

Ch	Function	Default	DMX values
6	Lamp Control	0	0–127 From max. speed of fan to min. speed of fan 128–139 Lamp on, reset 140–229 No function 230–239 Lamp off after 3 sec 240–255 No function
7	Color Wheel	0	0–15 Open/white (wheel slot 1) 16–31 Deep red (wheel slot 2) 32–47 Blue (wheel slot 3) 48–63 Green (wheel slot 4) 64–79 Orange (wheel slot 5) 80–95 CTF 3200 K (wheel slot 6) 96–111 CTF 5600 K (wheel slot 7) 112–127 UV filter (wheel slot 8) 128–190 Forwards rainbow effect from fast to slow 191–192 No rotation 193–255 Backwards rainbow effect from slow to fast
8	Cyan	0	
9	Magenta	0	
10	Yellow	0	
11	Color Mix MSpeed	0	
12	Color Macro1	0	0–7 Off 8–15 Macro 1 16–23 Macro 2 24–31 Macro 3 32–39 Macro 4 40–47 Macro 5 48–55 Macro 6 56–63 Macro 7 64–71 Macro 8 72–79 Macro 9 80–87 Macro 10 88–95 Macro 11 96–103 Macro 12 104–111 Macro 13 112–119 Macro 14 120–127 Macro 15 128–135 Macro 16 136–143 Macro 17 144–151 Macro 18 152–159 Macro 19 160–167 Macro 20 168–175 Macro 21 176–183 Macro 22 184–191 Macro 23 192–199 Macro 24 200–207 Macro 25 208–215 Macro 26 216–223 Macro 27 224–231 Macro 28 232–239 Macro 29 240–247 Macro 30 248–255 Macro 31
13	Frost1	0	0–70 Full beam 71–180 Beam shaper 181–255 Frost filter
14	Zoom	0	

Mode 2 (16-bit) (provisional researched) (continued)

Ch	Function	Default	DMX values
15	Shutter / Strobe	32	0–31 Shutter closed 32–63 Shutter open 64–95 Strobe-effect from slow to fast 1–10 Hz 96–127 Shutter open 128–159 Pulse-effect in sequences 160–191 Shutter open 192–223 Random strobe-effect 224–255 Shutter open
16	Dimmer	0	

Fixture model: gdtf-robe-lighting-wash-575-xt-202610290238
Original approximate HitLight Wash575XT body authored locally from primitive meshes. Exact prior first-party optical buffers/material retained....
Creator: HitLight