PRstage

WASH 1240B RGBL



Manufacturer	**PRstage**
Type	**Profile spot**
DMX modes	**4**
DMX footprint	**21, 25, 33, 81 channels**
Beam angle	**3.5-45°**
Pan range	**540°**
Tilt range	**210°**
Heads / cells	**14**
Size (W × H × D)	**281 × 220 × 281 mm**
GDTF fixture type	**28EEB602-F9E2-4E6E-8AD5-10…**

Controls

Zoom · Extra LED colours · RGB colour mixing · Colour temperature · Colour wheel · Strobe · Dimmer · Pixel control · Pan and tilt · Movement speed

Safety-relevant functions

Fixture reset

DMX modes

Mode 1 - CH21	21 ch
Mode 2 - CH25	25 ch
Mode 3 - CH33	33 ch
Mode 4 - CH81	81 ch

Mode 1 - CH21

21 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Red Fine	255	Fine byte of Red
3	Green	255	
4	Green Fine	255	Fine byte of Green
5	Blue	255	
6	Blue Fine	255	Fine byte of Blue
7	Color Add GY	255	
8	Color Add GY Fine	255	Fine byte of Color Add GY
9	C TO	0	0–15 Open (wheel slot 1) 16–35 Red (wheel slot 2) 36–55 Yellow (wheel slot 3) 56–75 Syntetic Mint (wheel slot 4) 76–95 Cyan (wheel slot 5) 96–115 Blue (wheel slot 6) 116–135 Magenta (wheel slot 7) 136–155 Light Rose (wheel slot 8) 156–175 Sugarpills (wheel slot 9) 176–195 White (wheel slot 10) 196–200 2800k (wheel slot 11) 201–205 3200k (wheel slot 12) 206–210 4000k (wheel slot 13) 211–215 4500k (wheel slot 14) 216–220 5000k (wheel slot 15) 221–225 5600k (wheel slot 16) 226–230 6500k (wheel slot 17) 231–235 7000k (wheel slot 18) 236–240 7500k (wheel slot 19) 241–255 8000k (wheel slot 20)
10	Color Macro1	0	0–9 Open (wheel slot 1) 10–19 Red (wheel slot 2) 20–29 Green (wheel slot 3) 30–39 Blue (wheel slot 4) 40–49 White (wheel slot 5) 50–59 Yellow (wheel slot 6) 60–69 Magenta (wheel slot 7) 70–79 Cyan (wheel slot 8) 80–89 Peach Pink (wheel slot 9) 90–99 Cyntetic Mint (wheel slot 10) 100–109 Sugarpills (wheel slot 11) 110–119 Pinkalicious (wheel slot 12) 120–129 Straw Tint (wheel slot 13) 130–139 Phenomenal Pink (wheel slot 14) 140–149 Tranquil Pool (wheel slot 15) 150–159 Light Lavender (wheel slot 16) 160–169 Magenta 2 (wheel slot 17) 170–179 White-Red (wheel slot 18) 180–189 Color Mix 1 (wheel slot 19) 190–199 Yellow-Blue (wheel slot 20) 200–209 Color Mix 2 (wheel slot 21) 210–219 Pink-Green (wheel slot 22) 220–229 Color Mix 3 (wheel slot 23) 230–239 Color Mix 4 (wheel slot 24) 240–249 Yellow-White (wheel slot 25) 250–255 Green-Blue (wheel slot 26)
11	Dimmer	0	0–254 Closed 255–255 Open
12	Dimmer Fine	0	Fine byte of Dimmer

Mode 1 - CH21 (continued)

Ch	Function	Default	DMX values
13	Shutter / Strobe	0	0–3 Open 4–39 Strobe · x1 Strb>> 1–5.22 Hz 40–99 Strobe · x2 Strb>> 5.34–12.5 Hz 100–149 Strobe · x3 Strb>> 12.6–18.5 Hz 150–179 Strobe · x4 Strb>> 18.6–22.1 Hz 180–203 Strobe · x5 Strb>> 22.2–25 Hz 213–220 Random · x1 RndStrb>> 5.24–8.53 Hz 221–228 Random · x2 RndStrb>> 9–12.3 Hz 229–235 Random · x3 RndStrb>> 12.8–15.6 Hz 236–243 Random · x4 RndStrb>> 16.1–19.4 Hz 244–255 Random · x5 RndStrb>> 19.8–25 Hz
14	Pan	128	
15	Pan Fine	0	Fine byte of Pan
16	Tilt	128	
17	Tilt Fine	0	Fine byte of Tilt
18	Zoom	0	0–254 Min Zoom 255–255 Max Zoom
19	Zoom Pos	0	0–31 0 deg 32–63 15 deg 64–95 30 deg 96–154 45 deg 155–155 60 deg 156–205 CW Zoom Rotation 206–255 CCW Zoom Rotation
20	Dimmer Mode	0	0–49 Mode 1 50–99 Mode 2 100–149 Mode 3 150–255 Mode 4
21	Fixture Global Reset	0	0–250 No Feature 251–255 Reset

Mode 2 - CH25

25 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	0–254 Fast 255–255 Slow
6	Zoom	0	0–254 Min Zoom 255–255 Max Zoom
7	Zoom Pos	0	0–31 0 deg 32–63 15 deg 64–95 30 deg 96–154 45 deg 155–155 60 deg 156–205 CW Zoom Rotation 206–255 CCW Zoom Rotation
8	Dimmer	0	0–254 Closed 255–255 Open

Mode 2 - CH25 (continued)

Ch	Function	Default	DMX values
9	Shutter / Strobe	0	0–3 Open 4–39 Strobe · x1 Strb 1–5.22 Hz 40–99 Strobe · x2 Strb 5.34–12.5 Hz 100–149 Strobe · x3 Strb 12.6–18.5 Hz 150–179 Strobe · x4 Strb 18.6–22.1 Hz 180–203 Strobe · x5 Strb 22.2–25 Hz 213–220 Random · x1 RndStrb 5.24–8.53 Hz 221–228 Random · x2 RndStrb 9–12.3 Hz 229–235 Random · x3 RndStrb 12.8–15.6 Hz 236–243 Random · x4 RndStrb 16.1–19.4 Hz 244–255 Random · x5 RndStrb 19.8–25 Hz
10	Red	255	
11	Green	255	
12	Blue	255	
13	Color Add GY	255	
14	C TO	0	0–15 Open (wheel slot 1) 16–35 Red (wheel slot 2) 36–55 Yellow (wheel slot 3) 56–75 Syntetic Mint (wheel slot 4) 76–95 Cyan (wheel slot 5) 96–115 Blue (wheel slot 6) 116–135 Magenta (wheel slot 7) 136–155 Light Rose (wheel slot 8) 156–175 Sugarpills (wheel slot 9) 176–195 White (wheel slot 10) 196–200 2800k (wheel slot 11) 201–205 3200k (wheel slot 12) 206–210 4000k (wheel slot 13) 211–215 4500k (wheel slot 14) 216–220 5000k (wheel slot 15) 221–225 5600k (wheel slot 16) 226–230 6500k (wheel slot 17) 231–235 7000k (wheel slot 18) 236–240 7500k (wheel slot 19) 241–255 8000k (wheel slot 20)
15	Color Macro1	0	0–9 Open (wheel slot 1) 10–19 Red (wheel slot 2) 20–29 Green (wheel slot 3) 30–39 Blue (wheel slot 4) 40–49 White (wheel slot 5) 50–59 Yellow (wheel slot 6) 60–69 Magenta (wheel slot 7) 70–79 Cyan (wheel slot 8) 80–89 Peach Pink (wheel slot 9) 90–99 Cyntetic Mint (wheel slot 10) 100–109 Sugarpills (wheel slot 11) 110–119 Pinkalicious (wheel slot 12) 120–129 Straw Tint (wheel slot 13) 130–139 Phenomenal Pink (wheel slot 14) 140–149 Tranquil Pool (wheel slot 15) 150–159 Light Lavender (wheel slot 16) 160–169 Magenta 2 (wheel slot 17) 170–179 White-Red (wheel slot 18) 180–189 Color Mix 1 (wheel slot 19) 190–199 Yellow-Blue (wheel slot 20) 200–209 Color Mix 2 (wheel slot 21) 210–219 Pink-Green (wheel slot 22) 220–229 Color Mix 3 (wheel slot 23) 230–239 Color Mix 4 (wheel slot 24) 240–249 Yellow-White (wheel slot 25) 250–255 Green-Blue (wheel slot 26)

Mode 2 - CH25 (continued)

Ch	Function	Default	DMX values
16	Shaper Macros	0	0–16 Static Patter OFF (wheel slot 1) 17–33 Pattern 1 (wheel slot 2) 34–50 Pattern 2 (wheel slot 3) 51–67 Pattern 3 (wheel slot 4) 68–84 Pattern 4 (wheel slot 5) 85–101 Pattern 5 (wheel slot 6) 102–118 Pattern 6 (wheel slot 7) 119–135 Pattern 7 (wheel slot 8) 136–152 Pattern 8 (wheel slot 9) 153–169 Pattern 9 (wheel slot 10) 170–186 Color Mix 1 (wheel slot 1) 187–203 Color Mix 2 (wheel slot 2) 204–220 Color Mix 3 (wheel slot 3) 221–237 Color Mix 4 (wheel slot 4) 238–255 Color Mix 5 (wheel slot 5)
17	Shape Selection	0	
18	Shaper Macros	0	
19	Shape Speed	160	0–9 No 64–82 x5 Speed CCW 83–101 x4 Speed CCW 102–120 x3 Speed CCW 121–139 x2 Speed CCW 140–158 x1 Speed CCW 159–160 Speed >100%< 161–179 x1 Speed CW 180–198 x2 Speed CW 199–217 x3 Speed CW 218–236 x4 Speed CW 237–255 x5 Speed CW
20	Red	255	
21	Green	255	
22	Blue	255	
23	Color Add GY	255	
24	Dimmer Mode	0	0–49 Mode 1 50–99 Mode 2 100–149 Mode 3 150–255 Mode 4
25	Fixture Global Reset	0	0–250 No Function 251–255 Reset

Mode 3 - CH33

33 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	0–254 Fast 255–255 Slow
6	Zoom	0	0–254 Min Zoom 255–255 Max Zoom

Mode 3 - CH33 (continued)

Ch	Function	Default	DMX values
7	Zoom Pos	0	0–31 0 deg 32–63 15 deg 64–95 30 deg 96–154 45 deg 155–155 60 deg 156–205 CWClockwise Zoom Rotation 206–255 CCW Zoom Rotation
8	Dimmer	0	0–254 Closed 255–255 Open
9	Dimmer Fine	0	Fine byte of Dimmer
10	Shutter / Strobe	0	0–3 Open 4–39 Strobe · x1 Strb 1–5.22 Hz 40–99 Strobe · x2 Strb 5.34–12.5 Hz 100–149 Strobe · x3 Strb 12.6–18.5 Hz 150–179 Strobe · x4 Strb 18.6–22.1 Hz 180–203 Strobe · x5 Strb 22.2–25 Hz 213–220 Random · x1 RndStrb 5.24–8.53 Hz 221–228 Random · x2 RndStrb 9–12.3 Hz 229–235 Random · x3 RndStrb 12.8–15.6 Hz 236–243 Random · x4 RndStrb 16.1–19.4 Hz 244–255 Random · x5 RndStrb 19.8–25 Hz
11	Red	255	
12	Red Fine	255	Fine byte of Red
13	Green	255	
14	Green Fine	255	Fine byte of Green
15	Blue	255	
16	Blue Fine	255	Fine byte of Blue
17	Color Add GY	255	
18	Color Add GY Fine	255	Fine byte of Color Add GY
19	Dimmer Mode	0	0–49 Mode 1 50–99 Mode 2 100–149 Mode 3 150–255 Mode 4
20	C TO	0	0–15 Open (wheel slot 1) 16–35 Red (wheel slot 2) 36–55 Yellow (wheel slot 3) 56–75 Syntetic Mint (wheel slot 4) 76–95 Cyan (wheel slot 5) 96–115 Blue (wheel slot 6) 116–135 Magenta (wheel slot 7) 136–155 Light Rose (wheel slot 8) 156–175 Sugarpills (wheel slot 9) 176–195 White (wheel slot 10) 196–200 2800k (wheel slot 11) 201–205 3200k (wheel slot 12) 206–210 4000k (wheel slot 13) 211–215 4500k (wheel slot 14) 216–220 5000k (wheel slot 15) 221–225 5600k (wheel slot 16) 226–230 6500k (wheel slot 17) 231–235 7000k (wheel slot 18) 236–240 7500k (wheel slot 19) 241–255 8000k (wheel slot 20)

Mode 3 - CH33 (continued)

Ch	Function	Default	DMX values
21	Color Macro1	0	0–9 Open (wheel slot 1) 10–19 Red (wheel slot 2) 20–29 Green (wheel slot 3) 30–39 Blue (wheel slot 4) 40–49 White (wheel slot 5) 50–59 Yellow (wheel slot 6) 60–69 Magenta (wheel slot 7) 70–79 Cyan (wheel slot 8) 80–89 Peach Pink (wheel slot 9) 90–99 Cyntetic Mint (wheel slot 10) 100–109 Sugarpills (wheel slot 11) 110–119 Pinkalicious (wheel slot 12) 120–129 Straw Tint (wheel slot 13) 130–139 Phenomenal Pink (wheel slot 14) 140–149 Tranquil Pool (wheel slot 15) 150–159 Light Lavender (wheel slot 16) 160–169 Magenta 2 (wheel slot 17) 170–179 White-Red (wheel slot 18) 180–189 Color Mix 1 (wheel slot 19) 190–199 Yellow-Blue (wheel slot 20) 200–209 Color Mix 2 (wheel slot 21) 210–219 Pink-Green (wheel slot 22) 220–229 Color Mix 3 (wheel slot 23) 230–239 Color Mix 4 (wheel slot 24) 240–249 Yellow-White (wheel slot 25) 250–255 Green-Blue (wheel slot 26)
22	Shaper Macros	0	0–16 Static Patter OFF (wheel slot 1) 17–33 Pattern 1 (wheel slot 2) 34–50 Pattern 2 (wheel slot 3) 51–67 Pattern 3 (wheel slot 4) 68–84 Pattern 4 (wheel slot 5) 85–101 Pattern 5 (wheel slot 6) 102–118 Pattern 6 (wheel slot 7) 119–135 Pattern 7 (wheel slot 8) 136–152 Pattern 8 (wheel slot 9) 153–169 Pattern 9 (wheel slot 10) 170–186 Color Mix 1 (wheel slot 1) 187–203 Color Mix 2 (wheel slot 2) 204–220 Color Mix 3 (wheel slot 3) 221–237 Color Mix 4 (wheel slot 4) 238–255 Color Mix 5 (wheel slot 5)
23	Shape Selection	0	
24	Shaper Macros	0	
25	Shape Speed	160	0–9 No 64–82 x5 Speed CCW 83–101 x4 Speed CCW 102–120 x3 Speed CCW 121–139 x2 Speed CCW 140–158 x1 Speed CCW 159–160 Speed >100%< 161–179 x1 Speed CW 180–198 x2 Speed CW 199–217 x3 Speed CW 218–236 x4 Speed CW 237–255 x5 Speed CW
26	Shaper Macros	0	
27	Dimmer	255	
28	Shutter1Strobe	0	
29	Red	255	

Mode 3 - CH33 (continued)

Ch	Function	Default	DMX values
30	Green	255	
31	Blue	255	
32	Color Add GY	255	
33	Fixture Global Reset	0	0–250 No Function 251–255 Reset

Mode 4 - CH81

81 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	
6	Zoom	0	
7	Zoom Pos	0	
8	Dimmer	0	
9	Dimmer Fine	0	Fine byte of Dimmer
10	Shutter / Strobe	0	0–3 Open 4–39 Strobe · x1 Strb 1–5.22 Hz 40–99 Strobe · x2 Strb 5.34–12.5 Hz 100–149 Strobe · x3 Strb 12.6–18.5 Hz 150–179 Strobe · x4 Strb 18.6–22.1 Hz 180–203 Strobe · x5 Strb 22.2–25 Hz 213–220 Random · x1 RndStrb 5.24–8.53 Hz 221–228 Random · x2 RndStrb 9–12.3 Hz 229–235 Random · x3 RndStrb 12.8–15.6 Hz 236–243 Random · x4 RndStrb 16.1–19.4 Hz 244–255 Random · x5 RndStrb 19.8–25 Hz
11	Red	255	
12	Red Fine	255	Fine byte of Red
13	Green	255	
14	Green Fine	255	Fine byte of Green
15	Blue	255	
16	Blue Fine	255	Fine byte of Blue
17	Color Add GY	255	
18	Color Add GY Fine	255	Fine byte of Color Add GY
19	Dimmer Mode	0	
20	C TO	0	
21	Color Macro1	0	
22	Shaper Macros	0	
23	Shape Selection	0	
24	Shaper Macros	0	
25	Shape Speed	160	
26	Shaper Macros	0	
27	Dimmer	0	
28	Shutter1Strobe	0	
29	Red	255	
30	Green	255	

Mode 4 - CH81 (continued)

Ch	Function	Default	DMX values
31	Blue	255	
32	Color Add GY	255	
33	Fixture Global Reset	0	
34	Red	255	
35	Green	255	
36	Blue	255	
37	Color Add GY	255	
38	Red	255	
39	Green	255	
40	Blue	255	
41	Color Add GY	255	
42	Red	255	
43	Green	255	
44	Blue	255	
45	Color Add GY	255	
46	Red	255	
47	Green	255	
48	Blue	255	
49	Color Add GY	255	
50	Red	255	
51	Green	255	
52	Blue	255	
53	Color Add GY	255	
54	Red	255	
55	Green	255	
56	Blue	255	
57	Color Add GY	255	
58	Red	255	
59	Green	255	
60	Blue	255	
61	Color Add GY	255	
62	Red	255	
63	Green	255	
64	Blue	255	
65	Color Add GY	255	
66	Red	255	
67	Green	255	
68	Blue	255	
69	Color Add GY	255	
70	Red	255	
71	Green	255	
72	Blue	255	
73	Color Add GY	255	
74	Red	255	
75	Green	255	

Mode 4 - CH81 (continued)

Ch	Function	Default	DMX values
76	Blue	255	
77	Color Add GY	255	
78	Red	255	
79	Green	255	
80	Blue	255	
81	Color Add GY	255	