LPL

Zonda 9 WASH



Manufacturer	**LPL**
Type	**Moving head**
DMX modes	**3**
DMX footprint	**37, 54, 131 channels**
Beam angle	**3-50°**
Pan range	**540°**
Tilt range	**270°**
Heads / cells	**5**
Size (W × H × D)	**432 × 211 × 437 mm**
GDTF fixture type	**F205D098-2302-4D69-B9C5-8B…**

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 · Service functions

DMX modes

Standard	37 ch
Extended Ring	54 ch
Extended Pixel	131 ch

Standard

37 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	Reserved 6	0	
7	Reserved 7	0	
8	Red	255	
9	Red Fine	255	Fine byte of Red
10	Green	255	
11	Green Fine	255	Fine byte of Green
12	Blue	255	
13	Blue Fine	255	Fine byte of Blue
14	White	255	
15	White Fine	255	Fine byte of White
16	Shutter / Strobe	32	0–31 Closed 32–63 open 64–94 Shutter strobe · min 0.5–24.2 Hz 95–95 Shutter strobe · max 25 Hz 118–127 open 128–158 ShutterPulse · min 0.5–24.2 Hz 159–159 ShutterPulse · max 25 Hz 181–191 open 192–222 ShutterRandom · min 0.5–24.2 Hz 223–223 ShutterRandom · max 25 Hz 246–255 open
17	Dimmer	0	0–254 Closed 255–255 Open
18	Dimmer Fine	0	Fine byte of Dimmer
19	C TO	0	0–21 No Fonction 22–42 8000K 43–63 7500K 64–84 7000K 85–105 6500K 106–126 6000K 127–147 5500K 148–168 5000K 169–189 4500K 190–210 4000K 211–231 3500K 232–255 2700K

Standard (continued)

Ch	Function	Default	DMX values
20	Color Wheel	0	0–2 Open (wheel slot 1) 3–3 LAVENDER TINT (wheel slot 2) 4–6 MEDIUM BASTARD AMBER (wheel slot 3) 7–7 PALE YELLOW (wheel slot 4) 8–8 DARK SALMON (wheel slot 5) 9–9 PALE AMBER GOLD (wheel slot 6) 10–12 MEDIUM YELLOW (wheel slot 7) 13–14 STRAW TINT (wheel slot 8) 15–16 DEEP STRAW (wheel slot 9) 17–19 SURPRISE PEACH (wheel slot 10) 20–20 MEDIUM AMBER (wheel slot 11) 21–21 GOLD AMBER (wheel slot 12) 22–23 DARK AMBER (wheel slot 13) 24–24 SCARLET (wheel slot 14) 25–25 SUNSET RED (wheel slot 15) 26–28 BRIGHT RED (wheel slot 16) 29–34 PALSA RED (wheel slot 17) 35–35 LIGHT PINK (wheel slot 18) 36–45 MEDIUM PINK (wheel slot 19) 46–47 DARK MAGENTA (wheel slot 20) 48–51 DARK PURPLE (wheel slot 21) 52–52 LIGHT LAVENDER (wheel slot 22) 53–57 PALE LAVENDER (wheel slot 23) 58–62 LAVENDER (wheel slot 24) 63–67 PALE BLUE (wheel slot 25) 68–70 SKY BLUE (wheel slot 26) 71–74 TOKIO BLUE (wheel slot 27) 75–78 EVENING BLUE (wheel slot 28) 79–84 JUST BLUE (wheel slot 29) 85–87 DEEPER BLUE (wheel slot 30) 88–88 LIME GREEN (wheel slot 31) 89–89 MOSS GREEN (wheel slot 32) 90–99 DARKYELLOW GREEN (wheel slot 33) 100–100 SPRING YELLOW (wheel slot 34) 101–101 YELLOW (wheel slot 35) 102–102 LIGHT AMBER (wheel slot 36) 103–103 STRAW (wheel slot 37) 104–104 DEEP AMBER (wheel slot 38) 105–105 ORANGE (wheel slot 39) 106–106 PRIMAY RED (wheel slot 40) 107–107 LIGHT ROSE (wheel slot 41) 108–108 ENGLISH ROSE (wheel slot 42) 109–109 LIGHT SALMON (wheel slot 43) 110–110 MIDDLE ROSE (wheel slot 44) 111–112 DARK PINK (wheel slot 45) 113–115 MAGENTA (wheel slot 46) 116–117 MEDIUM BLUE GREEN (wheel slot 47) 118–118 LIGHT BLUE (wheel slot 48) 119–119 DARK BLUE (wheel slot 49) 120–123 DEEP BLUE (wheel slot 50) 124–125 DARK GREEN (wheel slot 51) 126–126 MAUVE (wheel slot 52) 127–127 SMOKEY PINK (wheel slot 53) 128–131 BRIGHT PINK (wheel slot 54) 132–133 MEDIUM BLUE (wheel slot 55) 134–135 GOLDEN AMBER (wheel slot 56) 136–136 PALE LAVENDER 1 (wheel slot 57) 137–137 SPECIAL LAVENDER (wheel slot 58) 138–138 PALE GREEN (wheel slot 59) 139–139 PRIMARY GREEN (wheel slot 60) 140–140 SUMMER BLUE (wheel slot 61) 141–141 BRIGHT BLUE (wheel slot 62) 142–142 PALE VIOLET (wheel slot 63) 143–146 PALE NAVY BLUE (wheel slot 64)

Standard (continued)

Ch	Function	Default	DMX values
21	Color Preset Crossfade	0	
22	Color Preset Crossfade Speed	0	
23	Zoom	127	
24	Zoom Fine	255	Fine byte of Zoom
25	Reserved 25	0	
26	Control1	0	0–4 Unused 5–9 Display Off 10–14 Display On 15–19 Display Inv Off 20–24 Display Inv On 25–26 Auto Fan 27–28 Stage Fan 29–30 Silence Fan 31–32 Super Silence Fan 33–34 Constant Fan OFF 35–36 Constant Fan ON 37–44 unused 45–49 Square Law 50–54 Linear 55–57 1200 Hz 58–60 2400 Hz 61–63 16000 Hz 64–69 25000 Hz 70–74 Gobo Correction Off 75–79 Gobo Correction On 80–84 All Motor Reset 85–87 P/T Motor Reset 88–90 ZoomMotor Reset 91–93 Pan Degree 540 94–96 Pan Degree 630 97–99 Pan/Tilt Spd Fast 100–102 Pan/Tilt Spd Medium 103–105 Pan/Tilt Spd Slow 106–255 unused
27	Chase Patterns	0	0–9 Chse OFF 10–14 Chase 1 15–19 Chase 2 20–24 Chase 3 25–29 Chase 4 30–34 Chase 5 35–39 Chase 6 40–44 Chase Fix 45–255 NoFeature 1
28	Chase Speed	0	0–125 Fast to Slow Backward 126–130 Stop (Speed=0) 131–255 Slow to Fast Forward
29	Chase Fade	0	
30	Chase Size	0	
31	Color Chase RGBR	255	
32	Color Chase RGBG	255	
33	Color Chase RGBB	255	
34	Color Chase RGBW	255	
35	Back Chase Dimmer	255	
36	Dim Chase	0	

Standard (continued)

Ch	Function	Default	DMX values
37	Shutter / Strobe 2	32	0–31 Chase dimmer OFF 32–63 Chase Dimmer ON 64–95 Shutter1Strobe 3 96–127 NoFeature 4 128–159 Shutter1StrobePulse 5 160–191 NoFeature 6 192–223 Shutter1StrobeRandom 7 224–255 NoFeature 8

Extended Ring

54 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	Reserved 6	0	
7	Reserved 7	0	
8	Red	255	
9	Red Fine	255	Fine byte of Red
10	Green	255	
11	Green Fine	255	Fine byte of Green
12	Blue	255	
13	Blue Fine	255	Fine byte of Blue
14	White	255	
15	White Fine	255	Fine byte of White
16	Shutter / Strobe	32	0–31 Closed 32–63 open 64–94 ShutterStrobe · min 0.5–24.2 Hz 95–95 ShutterStrobe · max 25 Hz 118–127 open 128–158 ShutterPulse · min 0.5–24.2 Hz 159–159 ShutterPulse · max 25 Hz 181–191 open 192–222 ShutterRandom · min 0.5–24.2 Hz 223–223 ShutterRandom · max 25 Hz 246–255 open
17	Dimmer	0	0–254 Closed 255–255 Open
18	Dimmer Fine	0	Fine byte of Dimmer
19	C TO	0	0–21 No Fonction 22–42 8000K 43–63 7500K 64–84 7000K 85–105 6500K 106–126 6000K 127–147 5500K 148–168 5000K 169–189 4500K 190–210 4000K 211–231 3500K 232–255 2700K

Extended Ring (continued)

Ch	Function	Default	DMX values
20	Color Wheel	0	0–2 Open (wheel slot 1) 3–3 LAVENDER TINT (wheel slot 2) 4–6 MEDIUM BASTARD AMBER (wheel slot 3) 7–7 PALE YELLOW (wheel slot 4) 8–8 DARK SALMON (wheel slot 5) 9–9 PALE AMBER GOLD (wheel slot 6) 10–12 MEDIUM YELLOW (wheel slot 7) 13–14 STRAW TINT (wheel slot 8) 15–16 DEEP STRAW (wheel slot 9) 17–19 SURPRISE PEACH (wheel slot 10) 20–20 MEDIUM AMBER (wheel slot 11) 21–21 GOLD AMBER (wheel slot 12) 22–23 DARK AMBER (wheel slot 13) 24–24 SCARLET (wheel slot 14) 25–25 SUNSET RED (wheel slot 15) 26–28 BRIGHT RED (wheel slot 16) 29–34 PALSA RED (wheel slot 17) 35–35 LIGHT PINK (wheel slot 18) 36–45 MEDIUM PINK (wheel slot 19) 46–47 DARK MAGENTA (wheel slot 20) 48–51 DARK PURPLE (wheel slot 21) 52–52 LIGHT LAVENDER (wheel slot 22) 53–57 PALE LAVENDER (wheel slot 23) 58–62 LAVENDER (wheel slot 24) 63–67 PALE BLUE (wheel slot 25) 68–70 SKY BLUE (wheel slot 26) 71–74 TOKIO BLUE (wheel slot 27) 75–78 EVENING BLUE (wheel slot 28) 79–84 JUST BLUE (wheel slot 29) 85–87 DEEPER BLUE (wheel slot 30) 88–88 LIME GREEN (wheel slot 31) 89–89 MOSS GREEN (wheel slot 32) 90–99 DARKYELLOW GREEN (wheel slot 33) 100–100 SPRING YELLOW (wheel slot 34) 101–101 YELLOW (wheel slot 35) 102–102 LIGHT AMBER (wheel slot 36) 103–103 STRAW (wheel slot 37) 104–104 DEEP AMBER (wheel slot 38) 105–105 ORANGE (wheel slot 39) 106–106 PRIMAY RED (wheel slot 40) 107–107 LIGHT ROSE (wheel slot 41) 108–108 ENGLISH ROSE (wheel slot 42) 109–109 LIGHT SALMON (wheel slot 43) 110–110 MIDDLE ROSE (wheel slot 44) 111–112 DARK PINK (wheel slot 45) 113–115 MAGENTA (wheel slot 46) 116–117 MEDIUM BLUE GREEN (wheel slot 47) 118–118 LIGHT BLUE (wheel slot 48) 119–119 DARK BLUE (wheel slot 49) 120–123 DEEP BLUE (wheel slot 50) 124–125 DARK GREEN (wheel slot 51) 126–126 MAUVE (wheel slot 52) 127–127 SMOKEY PINK (wheel slot 53) 128–131 BRIGHT PINK (wheel slot 54) 132–133 MEDIUM BLUE (wheel slot 55) 134–135 GOLDEN AMBER (wheel slot 56) 136–136 PALE LAVENDER 1 (wheel slot 57) 137–137 SPECIAL LAVENDER (wheel slot 58) 138–138 PALE GREEN (wheel slot 59) 139–139 PRIMARY GREEN (wheel slot 60) 140–140 SUMMER BLUE (wheel slot 61) 141–141 BRIGHT BLUE (wheel slot 62) 142–142 PALE VIOLET (wheel slot 63) 143–146 PALE NAVY BLUE (wheel slot 64)

Extended Ring (continued)

Ch	Function	Default	DMX values
21	Color Preset Crossfade	0	
22	Color Preset Crossfade Speed	0	
23	Zoom	127	
24	Zoom Fine	255	Fine byte of Zoom
25	Reserved 25	0	
26	Control1	0	0–4 Unused 5–9 Display Off 10–14 Display On 15–19 Display Inv Off 20–24 Display Inv On 25–26 Auto Fan 27–28 Stage Fan 29–30 Silence Fan 31–32 Super Silence Fan 33–34 Constant Fan OFF 35–36 Constant Fan ON 37–44 unused 45–49 Square Law 50–54 Linear 55–57 1200 Hz 58–60 2400 Hz 61–63 16000 Hz 64–69 25000 Hz 70–74 Gobo Correction Off 75–79 Gobo Correction On 80–84 All Motor Reset 85–87 P/T Motor Reset 88–90 ZoomMotor Reset 91–93 Pan Degree 540 94–96 Pan Degree 630 97–99 Pan/Tilt Spd Fast 100–102 Pan/Tilt Spd Medium 103–105 Pan/Tilt Spd Slow 106–255 unused
27	Chase Patterns	0	0–9 Chse OFF 10–14 Chase 1 15–19 Chase 2 20–24 Chase 3 25–29 Chase 4 30–34 Chase 5 35–39 Chase 6 40–44 Chase Fix 45–255 NoFeature 1
28	Chase Speed	0	0–125 Fast to Slow Backward 126–130 Stop (Speed=0) 131–255 Slow to Fast Forward
29	Chase Fade	0	
30	Chase Size	0	
31	Color Chase RGBR	255	
32	Color Chase RGBG	255	
33	Color Chase RGBB	255	
34	Color Chase RGBW	255	
35	Back Chase Dimmer	255	
36	Dim Chase	0	0–254 Closed 255–255 Open

Extended Ring (continued)

Ch	Function	Default	DMX values
37	Shutter / Strobe 2	32	0–31 Chase dimmer OFF 32–63 Chase Dimmer ON 64–95 Shutter1Strobe 3 96–127 NoFeature 1 128–159 Shutter1StrobePulse 5 160–191 NoFeature 2 192–223 Shutter1StrobeRandom 7 224–255 NoFeature 3
38	Led Control	128	0–127 Full Control 128–254 Middle 255–255 Array Control
39	Red	255	
40	Green	255	
41	Blue	255	
42	White	255	
43	Red	255	
44	Green	255	
45	Blue	255	
46	White	255	
47	Red	255	
48	Green	255	
49	Blue	255	
50	White	255	
51	Red	255	
52	Green	255	
53	Blue	255	
54	White	255	

Extended Pixel

131 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	Reserved 6	0	
7	Reserved 7	0	
8	Red	255	
9	Red Fine	255	Fine byte of Red
10	Green	255	
11	Green Fine	255	Fine byte of Green
12	Blue	255	
13	Blue Fine	255	Fine byte of Blue
14	White	255	
15	White Fine	255	Fine byte of White

Extended Pixel (continued)

Ch	Function	Default	DMX values
16	Shutter / Strobe	32	0–31 Closed 32–63 open 64–94 ShutterStrobe · min 0.5–24.2 Hz 95–95 ShutterStrobe · max 25 Hz 118–127 open 128–158 ShutterPulse · min 0.5–24.2 Hz 159–159 ShutterPulse · max 25 Hz 181–191 open 192–222 ShutterRandom · min 0.5–24.2 Hz 223–223 ShutterRandom · max 25 Hz 246–255 open
17	Dimmer	255	
18	Dimmer Fine	255	Fine byte of Dimmer
19	C TO	0	

Extended Pixel (continued)

Ch	Function	Default	DMX values
20	Color Wheel	0	0–2 Open (wheel slot 1) 3–3 LAVENDER TINT (wheel slot 2) 4–6 MEDIUM BASTARD AMBER (wheel slot 3) 7–7 PALE YELLOW (wheel slot 4) 8–8 DARK SALMON (wheel slot 5) 9–9 PALE AMBER GOLD (wheel slot 6) 10–12 MEDIUM YELLOW (wheel slot 7) 13–14 STRAW TINT (wheel slot 8) 15–16 DEEP STRAW (wheel slot 9) 17–19 SURPRISE PEACH (wheel slot 10) 20–20 MEDIUM AMBER (wheel slot 11) 21–21 GOLD AMBER (wheel slot 12) 22–23 DARK AMBER (wheel slot 13) 24–24 SCARLET (wheel slot 14) 25–25 SUNSET RED (wheel slot 15) 26–28 BRIGHT RED (wheel slot 16) 29–34 PALSA RED (wheel slot 17) 35–35 LIGHT PINK (wheel slot 18) 36–45 MEDIUM PINK (wheel slot 19) 46–47 DARK MAGENTA (wheel slot 20) 48–51 DARK PURPLE (wheel slot 21) 52–52 LIGHT LAVENDER (wheel slot 22) 53–57 PALE LAVENDER (wheel slot 23) 58–62 LAVENDER (wheel slot 24) 63–67 PALE BLUE (wheel slot 25) 68–70 SKY BLUE (wheel slot 26) 71–74 TOKIO BLUE (wheel slot 27) 75–78 EVENING BLUE (wheel slot 28) 79–84 JUST BLUE (wheel slot 29) 85–87 DEEPER BLUE (wheel slot 30) 88–88 LIME GREEN (wheel slot 31) 89–89 MOSS GREEN (wheel slot 32) 90–99 DARKYELLOW GREEN (wheel slot 33) 100–100 SPRING YELLOW (wheel slot 34) 101–101 YELLOW (wheel slot 35) 102–102 LIGHT AMBER (wheel slot 36) 103–103 STRAW (wheel slot 37) 104–104 DEEP AMBER (wheel slot 38) 105–105 ORANGE (wheel slot 39) 106–106 PRIMAY RED (wheel slot 40) 107–107 LIGHT ROSE (wheel slot 41) 108–108 ENGLISH ROSE (wheel slot 42) 109–109 LIGHT SALMON (wheel slot 43) 110–110 MIDDLE ROSE (wheel slot 44) 111–112 DARK PINK (wheel slot 45) 113–115 MAGENTA (wheel slot 46) 116–117 MEDIUM BLUE GREEN (wheel slot 47) 118–118 LIGHT BLUE (wheel slot 48) 119–119 DARK BLUE (wheel slot 49) 120–123 DEEP BLUE (wheel slot 50) 124–125 DARK GREEN (wheel slot 51) 126–126 MAUVE (wheel slot 52) 127–127 SMOKEY PINK (wheel slot 53) 128–131 BRIGHT PINK (wheel slot 54) 132–133 MEDIUM BLUE (wheel slot 55) 134–135 GOLDEN AMBER (wheel slot 56) 136–136 PALE LAVENDER 1 (wheel slot 57) 137–137 SPECIAL LAVENDER (wheel slot 58) 138–138 PALE GREEN (wheel slot 59) 139–139 PRIMARY GREEN (wheel slot 60) 140–140 SUMMER BLUE (wheel slot 61) 141–141 BRIGHT BLUE (wheel slot 62) 142–142 PALE VIOLET (wheel slot 63) 143–146 PALE NAVY BLUE (wheel slot 64)

Extended Pixel (continued)

Ch	Function	Default	DMX values
21	Color Preset Crossfade	0	
22	Color Preset Crossfade Speed	0	
23	Zoom	127	
24	Zoom Fine	255	Fine byte of Zoom
25	Reserved 25	0	
26	Control1	0	
27	Chase Patterns	0	
28	Chase Speed	0	
29	Chase Fade	0	
30	Chase Size	0	
31	Color Chase RGBR	255	
32	Color Chase RGBG	255	
33	Color Chase RGBB	255	
34	Color Chase RGBW	255	
35	Back Chase Dimmer	255	
36	Dim Chase	0	
37	Shutter / Strobe 2	32	0–31 Chase dimmer OFF 32–63 Chase Dimmer ON 64–95 Shutter1Strobe 3 96–127 NoFeature 4 128–159 Shutter1StrobePulse 5 160–191 NoFeature 6 192–223 Shutter1StrobeRandom 7 224–255 NoFeature 8
38	Reserved 38	0	
39	Reserved 39	0	
40	Reserved 40	0	
41	Reserved 41	0	
42	Reserved 42	0	
43	Reserved 43	0	
44	Reserved 44	0	
45	Reserved 45	0	
46	Reserved 46	0	
47	Reserved 47	0	
48	Reserved 48	0	
49	Reserved 49	0	
50	Reserved 50	0	
51	Led Control	128	
52	Red	255	
53	Green	255	
54	Blue	255	
55	White	255	
56	Red	255	
57	Green	255	
58	Blue	255	
59	White	255	
60	Reserved 60	0	

Extended Pixel (continued)

Ch	Function	Default	DMX values
61	Reserved 61	0	
62	Reserved 62	0	
63	Reserved 63	0	
64	Reserved 64	0	
65	Reserved 65	0	
66	Reserved 66	0	
67	Reserved 67	0	
68	Reserved 68	0	
69	Reserved 69	0	
70	Reserved 70	0	
71	Reserved 71	0	
72	Reserved 72	0	
73	Reserved 73	0	
74	Reserved 74	0	
75	Reserved 75	0	
76	Reserved 76	0	
77	Reserved 77	0	
78	Reserved 78	0	
79	Reserved 79	0	
80	Red	255	
81	Green	255	
82	Blue	255	
83	White	255	
84	Reserved 84	0	
85	Reserved 85	0	
86	Reserved 86	0	
87	Reserved 87	0	
88	Reserved 88	0	
89	Reserved 89	0	
90	Reserved 90	0	
91	Reserved 91	0	
92	Reserved 92	0	
93	Reserved 93	0	
94	Reserved 94	0	
95	Reserved 95	0	
96	Reserved 96	0	
97	Reserved 97	0	
98	Reserved 98	0	
99	Reserved 99	0	
100	Reserved 100	0	
101	Reserved 101	0	
102	Reserved 102	0	
103	Reserved 103	0	
104	Reserved 104	0	
105	Reserved 105	0	

Extended Pixel (continued)

Ch	Function	Default	DMX values
106	Reserved 106	0	
107	Reserved 107	0	
108	Reserved 108	0	
109	Reserved 109	0	
110	Reserved 110	0	
111	Reserved 111	0	
112	Reserved 112	0	
113	Reserved 113	0	
114	Reserved 114	0	
115	Reserved 115	0	
116	Reserved 116	0	
117	Reserved 117	0	
118	Reserved 118	0	
119	Reserved 119	0	
120	Reserved 120	0	
121	Reserved 121	0	
122	Reserved 122	0	
123	Reserved 123	0	
124	Reserved 124	0	
125	Reserved 125	0	
126	Reserved 126	0	
127	Reserved 127	0	
128	Red	255	
129	Green	255	
130	Blue	255	
131	White	255	