HarmanyLX

FINE 600L BWSF



Manufacturer	**HarmanyLX**
Type	**Profile spot**
DMX modes	**3**
DMX footprint	**32, 40, 44 channels**
Beam angle	**6-50°**
Pan range	**540°**
Tilt range	**252°**
Size (W × H × D)	**284 × 515 × 249 mm**
GDTF fixture type	**967B879B-9AFC-4917-BBCC-E7…**

Controls

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

Safety-relevant functions

Fixture reset · Strobe

DMX modes

STND	32 ch
16BT	40 ch
EXTN	44 ch

STND

32 channels

Ch	Function	Default	DMX values
1	Shutter / Strobe	6	0–5 Close 6–10 Open 1 11–105 Strobe 106–110 Open 2 111–179 Pulse 180–185 Open 3 186–253 Random 254–255 Open 4
2	Dimmer	0	
3	Dimmer Fine	0	Fine byte of Dimmer
4	Pan	127	
5	Pan Fine	255	Fine byte of Pan
6	Tilt	127	
7	Tilt Fine	255	Fine byte of Tilt
8	Gobo	0	0–8 Open (wheel slot 1) 9–17 Gobo 1 (wheel slot 2) 18–26 Gobo 2 (wheel slot 3) 27–35 Gobo 3 (wheel slot 4) 36–44 Gobo 4 (wheel slot 5) 45–53 Gobo 5 (wheel slot 6) 54–62 Gobo 6 (wheel slot 7) 63–71 Gobo 7 (wheel slot 8) 72–91 Gobo 1 Shake (wheel slot 2) 92–111 Gobo 2 Shake (wheel slot 3) 112–131 Gobo 3 Shake (wheel slot 4) 132–150 Gobo 4 Shake (wheel slot 5) 151–170 Gobo 5 Shake (wheel slot 6) 171–190 Gobo 6 Shake (wheel slot 7) 191–209 Gobo 7 Shake (wheel slot 8) 210–231 CW 232–233 Stop 234–255 CCW
9	Gobo Rotation	0	0–126 0 127–127 360 128–190 CW 191–192 Stop 193–255 CCW
10	Gobo 2	0	0–8 Open (wheel slot 1) 9–15 Gobo 1 (wheel slot 2) 16–22 Gobo 2 (wheel slot 3) 23–29 Gobo 3 (wheel slot 4) 30–36 Gobo 4 (wheel slot 5) 37–43 Gobo 5 (wheel slot 6) 44–50 Gobo 6 (wheel slot 7) 51–57 Gobo 7 (wheel slot 8) 58–64 Gobo 8 (wheel slot 9) 65–71 Gobo 9 (wheel slot 10) 72–86 Gobo 1 Shake (wheel slot 2) 87–101 Gobo 2 Shake (wheel slot 3) 102–117 Gobo 3 Shake (wheel slot 4) 118–133 Gobo 4 Shake (wheel slot 5) 134–148 Gobo 5 Shake (wheel slot 6) 149–163 Gobo 6 Shake (wheel slot 7) 164–178 Gobo 7 Shake (wheel slot 8) 179–194 Gobo 8 Shake (wheel slot 9) 195–209 Gobo 9 Shake (wheel slot 10) 210–231 CW 232–233 Stop 234–255 CCW

STND (continued)

Ch	Function	Default	DMX values
11	No Feature	0	
12	Cyan	0	
13	Magenta	0	
14	Yellow	0	
15	C TO	0	
16	Color Wheel	0	0–119 Linear 120–124 Red (wheel slot 2) 125–129 Green (wheel slot 3) 130–133 Blue (wheel slot 4) 134–138 Orange (wheel slot 5) 139–142 Pink (wheel slot 6) 143–147 Dark Green (wheel slot 7) 148–151 Lavender (wheel slot 8) 152–156 Yellow (wheel slot 9) 157–160 White (wheel slot 1) 161–200 CW 201–203 Stop 204–243 CCW 244–247 Random >>> 248–251 Random >> 252–255 Random >
17	Prism	0	0–138 Open (wheel slot 1) 139–255 Prism (wheel slot 2)
18	Prism Rotation	0	0–126 0 127–127 360 128–190 CW 191–192 Stop 193–255 CCW
19	Focus	127	
20	Zoom	127	
21	Frost1	0	
22	Iris	0	0–64 Min 65–130 Center 131–131 Max 132–151 IrisStrobe 152–171 IrisPulseClose 172–191 IrisPulseOpen 192–255 Reserved
23	Blade1A	0	
24	Blade1Rot	0	
25	Blade2A	0	
26	Blade2Rot	0	
27	Blade3A	0	
28	Blade3Rot	0	
29	Blade4A	0	
30	Blade4Rot	0	
31	Shaper Rot	0	

STND (continued)

Ch	Function	Default	DMX values
32	Control1	0	0–9 None 10–14 FixtureGlobalReset 15–29 BeamReset 30–34 PositionReset 35–49 Reserved 1 50–54 1-2KHz 55–59 2-4KHz 60–64 12KHz 65–69 24KHz 70–74 S Curve 75–79 Sinusoid 80–84 Cosine Curve 85–89 Linear Curve 90–104 Reserved 2 105–109 Exit 110–114 Close Range 115–119 Medium Distance 120–124 Long Distance 125–129 Highlight Mode 130–134 Standard Mode 135–139 Theater Mode 140–255 Reserved 3

16BT

40 channels

Ch	Function	Default	DMX values
1	Shutter / Strobe	6	0–5 Close 6–10 Open 1 11–105 Strobe 106–110 Open 2 111–179 Pulse 180–185 Open 3 186–253 Random 254–255 Open 4
2	Dimmer	0	
3	Dimmer Fine	0	Fine byte of Dimmer
4	Pan	127	
5	Pan Fine	255	Fine byte of Pan
6	Tilt	127	
7	Tilt Fine	255	Fine byte of Tilt
8	Gobo	0	0–8 Open (wheel slot 1) 9–17 Gobo 1 (wheel slot 2) 18–26 Gobo 2 (wheel slot 3) 27–35 Gobo 3 (wheel slot 4) 36–44 Gobo 4 (wheel slot 5) 45–53 Gobo 5 (wheel slot 6) 54–62 Gobo 6 (wheel slot 7) 63–71 Gobo 7 (wheel slot 8) 72–91 Gobo 1 Shake (wheel slot 2) 92–111 Gobo 2 Shake (wheel slot 3) 112–131 Gobo 3 Shake (wheel slot 4) 132–150 Gobo 4 Shake (wheel slot 5) 151–170 Gobo 5 Shake (wheel slot 6) 171–190 Gobo 6 Shake (wheel slot 7) 191–209 Gobo 7 Shake (wheel slot 8) 210–231 CW 232–233 Stop 234–255 CCW

16BT (continued)

Ch	Function	Default	DMX values
9	Gobo Rotation	0	0–126 0 127–127 360 128–190 CW 191–192 Stop 193–255 CCW
10	Gobo Rotation Fine	0	Fine byte of Gobo Rotation
11	Gobo 2	0	0–8 Open (wheel slot 1) 9–15 Gobo 1 (wheel slot 2) 16–22 Gobo 2 (wheel slot 3) 23–29 Gobo 3 (wheel slot 4) 30–36 Gobo 4 (wheel slot 5) 37–43 Gobo 5 (wheel slot 6) 44–50 Gobo 6 (wheel slot 7) 51–57 Gobo 7 (wheel slot 8) 58–64 Gobo 8 (wheel slot 9) 65–71 Gobo 9 (wheel slot 10) 72–86 Gobo 1 Shake (wheel slot 2) 87–101 Gobo 2 Shake (wheel slot 3) 102–117 Gobo 3 Shake (wheel slot 4) 118–133 Gobo 4 Shake (wheel slot 5) 134–148 Gobo 5 Shake (wheel slot 6) 149–163 Gobo 6 Shake (wheel slot 7) 164–178 Gobo 7 Shake (wheel slot 8) 179–194 Gobo 8 Shake (wheel slot 9) 195–209 Gobo 9 Shake (wheel slot 10) 210–231 CW 232–233 Stop 234–255 CCW
12	No Feature	0	
13	Cyan	0	
14	Magenta	0	
15	Yellow	0	
16	C TO	0	
17	Color Wheel	0	0–119 Linear 120–120 Open (wheel slot 1) 121–124 Red (wheel slot 2) 125–129 Green (wheel slot 3) 130–133 Blue (wheel slot 4) 134–138 Orange (wheel slot 5) 139–142 Pink (wheel slot 6) 143–147 Dark Green (wheel slot 7) 148–151 Purple (wheel slot 8) 152–156 Yellow (wheel slot 9) 157–160 White (wheel slot 1) 161–200 CW 201–203 Stop 204–243 CCW 244–247 Random >>> 248–251 Random >> 252–255 Random >
18	Color Macro1	0	
19	Prism	0	0–138 Open (wheel slot 1) 139–255 Prism (wheel slot 2)
20	Prism Rotation	0	0–126 0 127–127 360 128–190 CW 191–192 Stop 193–255 CCW

16BT (continued)

Ch	Function	Default	DMX values
21	Focus	127	
22	Focus Fine	255	Fine byte of Focus
23	Zoom	127	
24	Zoom Fine	255	Fine byte of Zoom
25	Focus1Distance	0	0–5 Close Focus 6–31 Reserved 32–57 8 M 58–83 12 M 84–109 16 M 110–255 Reserved
26	Focus1Adjust	0	0–127 Negative offset 128–128 Close 129–255 Positive migration
27	Frost1	0	
28	Iris	0	0–64 Min 65–130 Center 131–131 Max 132–151 IrisStrobe 152–171 IrisPulseClose 172–191 IrisPulseOpen 192–255 Reserved
29	Blade1A	0	
30	Blade1Rot	0	
31	Blade2A	0	
32	Blade2Rot	0	
33	Blade3A	0	
34	Blade3Rot	0	
35	Blade4A	0	
36	Blade4Rot	0	
37	Shaper Rot	0	
38	Shaper Macros	0	0–9 None 10–19 Square 20–29 Rectangle 30–39 Triangle 40–49 Diamond 50–59 Ladder-shaped 60–255 Reserved
39	C RIMode	0	0–5 None 6–10 R9-70 11–15 R9-80 16–20 R9-90 21–255 Reserved

16BT (continued)

Ch	Function	Default	DMX values
40	Control1	0	0–9 None 10–14 FixtureGlobalReset 15–29 BeamReset 30–34 PositionReset 35–49 Reserved 1 50–54 1-2KHz 55–59 2-4KHz 60–64 12KHz 65–69 24KHz 70–74 S Curve 75–79 Sinusoid 80–84 Cosine Curve 85–89 Linear Curve 90–104 Reserved 2 105–109 Exit 110–114 Close Range 115–119 Medium Distance 120–124 Long Distance 125–129 Highlight Mode 130–134 Standard Mode 135–139 Theater Mode 140–255 Reserved 3

EXTN

44 channels

Ch	Function	Default	DMX values
1	Shutter / Strobe	6	0–5 Close 6–10 Open 1 11–105 Strobe 106–110 Open 2 111–179 Pulse 180–185 Open 3 186–253 Random 254–255 Open 4
2	Dimmer	0	
3	Dimmer Fine	0	Fine byte of Dimmer
4	Pan	127	
5	Pan Fine	255	Fine byte of Pan
6	Tilt	127	
7	Tilt Fine	255	Fine byte of Tilt
8	Gobo	0	0–8 Open (wheel slot 1) 9–17 Gobo 1 (wheel slot 2) 18–26 Gobo 2 (wheel slot 3) 27–35 Gobo 3 (wheel slot 4) 36–44 Gobo 4 (wheel slot 5) 45–53 Gobo 5 (wheel slot 6) 54–62 Gobo 6 (wheel slot 7) 63–71 Gobo 7 (wheel slot 8) 72–91 Gobo 1 Shake (wheel slot 2) 92–111 Gobo 2 Shake (wheel slot 3) 112–131 Gobo 3 Shake (wheel slot 4) 132–150 Gobo 4 Shake (wheel slot 5) 151–170 Gobo 5 Shake (wheel slot 6) 171–190 Gobo 6 Shake (wheel slot 7) 191–209 Gobo 7 Shake (wheel slot 8) 210–231 CW 232–233 Stop 234–255 CCW

EXTN (continued)

Ch	Function	Default	DMX values
9	Gobo Rotation	0	0–126 0 127–127 360 128–190 CW 191–192 Stop 193–255 CCW
10	Gobo Rotation Fine	0	Fine byte of Gobo Rotation
11	Gobo 2	0	0–8 Open (wheel slot 1) 9–15 Gobo 1 (wheel slot 2) 16–22 Gobo 2 (wheel slot 3) 23–29 Gobo 3 (wheel slot 4) 30–36 Gobo 4 (wheel slot 5) 37–43 Gobo 5 (wheel slot 6) 44–50 Gobo 6 (wheel slot 7) 51–57 Gobo 7 (wheel slot 8) 58–64 Gobo 8 (wheel slot 9) 65–71 Gobo 9 (wheel slot 10) 72–86 Gobo 1 Shake (wheel slot 2) 87–101 Gobo 2 Shake (wheel slot 3) 102–117 Gobo 3 Shake (wheel slot 4) 118–133 Gobo 4 Shake (wheel slot 5) 134–148 Gobo 5 Shake (wheel slot 6) 149–163 Gobo 6 Shake (wheel slot 7) 164–178 Gobo 7 Shake (wheel slot 8) 179–194 Gobo 8 Shake (wheel slot 9) 195–209 Gobo 9 Shake (wheel slot 10) 210–231 CW 232–233 Stop 234–255 CCW
12	No Feature	0	
13	Cyan	0	
14	Magenta	0	
15	Yellow	0	
16	C TO	0	
17	Color Wheel	0	0–120 Linear 121–124 Red (wheel slot 2) 125–129 Green (wheel slot 3) 130–133 Blue (wheel slot 4) 134–138 Orange (wheel slot 5) 139–142 Pink (wheel slot 6) 143–147 Dark Green (wheel slot 7) 148–151 Purple (wheel slot 8) 152–156 Yellow (wheel slot 9) 157–160 White (wheel slot 1) 161–200 CW 201–203 Stop 204–243 CCW 244–247 Random >>> 248–251 Random >> 252–255 Random >
18	Color Macro1	0	
19	Prism	0	0–138 Open (wheel slot 1) 139–255 Prism (wheel slot 2)
20	Prism Rotation	0	0–126 0 127–127 360 128–190 CW 191–192 Stop 193–255 CCW
21	Focus	127	

EXTN (continued)

Ch	Function	Default	DMX values
22	Focus Fine	255	Fine byte of Focus
23	Zoom	127	
24	Zoom Fine	255	Fine byte of Zoom
25	Focus1Distance	0	0–5 Close Focus 6–31 Reserved 32–57 8M 58–83 12M 84–109 16M 110–255 Reserved
26	Focus1Adjust	0	0–127 Negative offset 128–128 Close 129–255 Positive migration
27	Frost1	0	
28	Iris	0	0–64 Min 65–130 Center 131–131 Max 132–151 IrisStrobe 152–171 IrisPulseClose 172–191 IrisPulseOpen 192–255 Reserved
29	Blade1A	0	
30	Blade1Rot	0	
31	Blade2A	0	
32	Blade2Rot	0	
33	Blade3A	0	
34	Blade3Rot	0	
35	Blade4A	0	
36	Blade4Rot	0	
37	Shaper Rot	0	
38	Shaper Macros	0	0–9 None 10–19 Square 20–29 Rectangle 30–39 Triangle 40–49 Diamond 50–59 Ladder-shaped 60–255 Reserved
39	C RIMode	0	0–5 None 6–10 R9-70 11–15 R9-80 16–20 R9-90 21–255 Reserved

EXTN (continued)

Ch	Function	Default	DMX values
40	Control1	0	0–9 None 10–14 Reset 15–29 BeamReset 30–34 PositionReset 35–49 Reserved 1 50–54 1-2KHz 55–59 2-4KHz 60–64 12KHz 65–69 24KHz 70–74 S Curve 75–79 Sinusoid 80–84 Cosine Curve 85–89 Linear Curve 90–104 Reserved 2 105–109 Exit 110–114 Close Range 115–119 Medium Distance 120–124 Long Distance 125–129 Highlight Mode 130–134 Standard Mode 135–139 Theater Mode 140–255 Reserved 3
41	Position MSpeed	0	
42	Color Mix MSpeed	0	
43	Global MSpeed	0	
44	Gobo Wheel1MSpeed	0	