HarmanyLX

IP 680 Optimus Prime



Manufacturer	**HarmanyLX**
Type	**Moving head**
DMX modes	**1**
DMX footprint	**18 channels**
Beam angle	**2-25°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**202 × 359 × 202 mm**
GDTF fixture type	**FC352760-D7E6-47FF-AD69-88…**

Controls

Focus · Frost · Prism · Prism rotation · Colour wheel · Strobe · Dimmer · Movement speed · Gobos

Safety-relevant functions

Lamp on and off · Fixture reset · Strobe

DMX modes

Mode 18Ch — 18 ch

Mode 18Ch

18 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Tilt	128	
3	Position MSpeed	0	
4	Dimmer	0	0–254 Closed 255–255 Open
5	Shutter / Strobe	255	0–3 Closed 4–4 Strobe + 5–126 Strobe 127–127 Strobe ++ 128–249 Strobe 250–250 Strobe +++ 255–255 Open
6	Color Wheel	0	0–4 Open (wheel slot 1) 5–9 White/Red (wheel slot 1) 10–14 Red (wheel slot 2) 15–19 Red/Green (wheel slot 2) 20–24 Green (wheel slot 3) 25–29 Green/Blue (wheel slot 3) 30–34 Blue (wheel slot 4) 35–39 Blue/Rose Red (wheel slot 4) 40–44 Rose Red (wheel slot 8) 45–49 Rose Red/Yellow (wheel slot 8) 50–54 yellow (wheel slot 5) 55–59 Yellow/Blue Green (wheel slot 5) 60–64 Blue Green (wheel slot 10) 65–69 Blue Green/Dark Yellow (wheel slot 10) 70–74 Dark Yellow (wheel slot 11) 75–79 Dark Yellow/Dark Green (wheel slot 11) 80–84 Dark Green (wheel slot 12) 85–89 Dark Green/Golden (wheel slot 12) 90–94 Golden (wheel slot 13) 95–99 Golden/Pink (wheel slot 13) 100–104 Pink (wheel slot 9) 105–109 Pink/Orange (wheel slot 9) 110–154 Orange (wheel slot 6) 155–164 Orange/ Cooling Half (wheel slot 6) 165–187 Color 1 >>> 188–209 Color 1 >> 210–210 Color 1 > 211–232 Color 1 < 233–254 Color 1 << 255–255 Color 1 <<<

Mode 18Ch (continued)

Ch	Function	Default	DMX values
7	Gobo	0	0–4 Open (wheel slot 1) 5–9 Gobo 1 (wheel slot 2) 10–14 Gobo 2 (wheel slot 3) 15–19 Gobo 3 (wheel slot 4) 20–24 Gobo 4 (wheel slot 5) 25–29 Gobo 5 (wheel slot 6) 30–34 Gobo 6 (wheel slot 7) 35–39 Gobo 7 (wheel slot 8) 40–44 Gobo 8 (wheel slot 9) 45–49 Gobo 9 (wheel slot 10) 50–54 Gobo 10 (wheel slot 11) 55–59 Gobo 11 (wheel slot 12) 60–64 Gobo 12 (wheel slot 13) 65–69 Gobo 13 (wheel slot 14) 70–74 Gobo 1 Shaking (wheel slot 2) 75–79 Gobo 2 Shaking (wheel slot 3) 80–84 Gobo 3 Shaking (wheel slot 4) 85–89 Gobo 4 Shaking (wheel slot 5) 90–94 Gobo 5 Shaking (wheel slot 6) 95–99 Gobo 6 Shaking (wheel slot 7) 100–104 Gobo 7 Shaking (wheel slot 8) 105–109 Gobo 8 Shaking (wheel slot 9) 110–114 Gobo 9 Shaking (wheel slot 10) 115–119 Gobo 10 Shaking (wheel slot 11) 120–124 Gobo 11 Shaking (wheel slot 12) 125–129 Gobo 12 Shaking (wheel slot 13) 130–134 Gobo 13 Shaking (wheel slot 14) 135–199 Gobo1WheelSpin > 200–255 Gobo1WheelSpin <
8	Frost1	0	0–127 Open 128–255 Frost Insert
9	Prism	0	0–127 Open (wheel slot 1) 128–255 24F Prism (wheel slot 2)
10	Prism Rotation	0	0–0 Stop (wheel slot 2) 1–127 Prism1 Indexing (wheel slot 2) 128–128 Prism 1 Rotating >Fast 129–174 Prism 1 Rotating >>> 175–175 Prism 1 Rotating >Middle 176–189 Prism 1 Rotating >>> 190–190 Prism 1 Rotating >Slow 191–191 Prism 1 Rotating <Slow 192–214 Prism 1 Rotating << 215–215 Prism 1 Rotating <Middle 216–254 Prism 1 Rotating << 255–255 Prism 1 Rotating <Fast
11	Prism	0	0–127 Open (wheel slot 1) 128–255 8F Prism (wheel slot 3)
12	Prism Rotation	0	0–0 Stop (wheel slot 3) 1–127 Prism2 Indexing (wheel slot 3) 128–128 Prism 2 Rotating >Fast 129–174 Prism 2 Rotating >>> 175–175 Prism 2 Rotating >Middle 176–189 Prism 2 Rotating >>> 190–190 Prism 2 Rotating >Slow 191–191 Prism 2 Rotating <Slow 192–214 Prism 2 Rotating << 215–215 Prism 2 Rotating <Middle 216–254 Prism 2 Rotating << 255–255 Prism 2 Rotating <Fast
13	Focus	0	

Mode 18Ch (continued)

Ch	Function	Default	DMX values
14	Animation Wheel1Mode	0	
15	Lamp Control	0	0–100 Reversed 101–110 Lamp off 111–200 Reversed 201–210 Lamp on 211–255 Reversed
16	Fixture Global Reset	0	0–249 Reversed 250–255 Reset all
17	Pan Fine	0	Fine byte of Pan
18	Tilt Fine	0	Fine byte of Tilt