Event Lighting

HAVOCH200



Manufacturer	**Event Lighting**
Type	**Moving head**
DMX modes	**2**
DMX footprint	**17, 21 channels**
Beam angle	**3.5-40°**
Pan range	**540°**
Tilt range	**265°**
Size (W × H × D)	**252 × 360 × 207 mm**
GDTF fixture type	**F09097C9-DAD5-4D31-B114-6C…**

Controls

Focus · Frost · Prism · Prism rotation · Zoom · Colour wheel · Strobe · Dimmer · Pan and tilt · Gobos · Gobo rotation

Safety-relevant functions

Strobe

DMX modes

Basic	17 ch
Standard	21 ch

Basic

17 channels

Ch	Function	Default	DMX values
1	Pan	127	
2	Pan Fine	255	Fine byte of Pan
3	Tilt	127	
4	Tilt Fine	255	Fine byte of Tilt
5	X YSpeed	0	
6	Shutter / Strobe	63	0–1 Closed 2–62 Strobe 63–64 Open 65–125 PulseInStrobe 126–127 Open 128–188 PulseOutStrobe 189–190 Open 191–251 RandomStrobe 252–255 Open
7	Dimmer	0	0–254 Close 255–255 Open
8	Color Wheel	0	0–8 Open (wheel slot 1) 9–17 Open + DARK RED (wheel slot 1) 18–26 DARK RED (wheel slot 2) 27–35 DARK RED + CYAN (wheel slot 2) 36–44 CYAN (wheel slot 3) 45–53 CYAN + YELLOW (wheel slot 3) 54–62 YELLOW (wheel slot 4) 63–71 YELLOW + MAGENTA (wheel slot 4) 72–80 MAGENTA (wheel slot 5) 81–89 MAGENTA + ACQUAMARINE (wheel slot 5) 90–98 ACQUAMARINE (wheel slot 6) 99–107 ACQUAMARINE + DEEP ORANGE (wheel slot 6) 108–116 DEEP ORANGE (wheel slot 7) 117–125 DEEP ORANGE + FOREST GREEN (wheel slot 7) 126–134 FOREST GREEN (wheel slot 8) 135–143 FOREST GREEN + CTO 3200K (wheel slot 8) 144–152 CTO 3200K (wheel slot 9) 153–161 CTO 3200K + 6000K (wheel slot 9) 162–170 6000K (wheel slot 10) 171–179 6000K + LAVANDER (wheel slot 10) 180–188 LAVANDER (wheel slot 11) 189–197 LAVANDER + DEEP BLUE (wheel slot 11) 198–206 DEEP BLUE (wheel slot 12) 207–215 DEEP BLUE + Open (wheel slot 12) 216–234 From fast to slow 235–236 Stop 237–255 From slow to fast

Basic (continued)

Ch	Function	Default	DMX values
9	Gobo	0	0–9 Open (wheel slot 1) 10–19 gobo1 (wheel slot 2) 20–29 gobo2 (wheel slot 3) 30–39 gobo3 (wheel slot 4) 40–49 gobo4 (wheel slot 5) 50–59 gobo5 (wheel slot 6) 60–69 gobo6 (wheel slot 7) 70–79 gobo7 (wheel slot 8) 80–89 gobo8 (wheel slot 9) 90–99 GOBO 1 from slow to fast (wheel slot 1) 100–109 GOBO 2 from slow to fast (wheel slot 2) 110–119 GOBO 3 from slow to fast (wheel slot 3) 120–129 GOBO 4 from slow to fast (wheel slot 4) 130–139 GOBO 5 from slow to fast (wheel slot 5) 140–149 GOBO 6 from slow to fast (wheel slot 6) 150–159 GOBO 7 from slow to fast (wheel slot 7) 160–169 GOBO 8 from slow to fast (wheel slot 8) 170–211 From fast to slow 212–213 Stop 214–255 From slow to fast
10	Gobo Rotation	0	0–127 Lineary from 0 to 360 degree 128–190 From fast to slow 191–192 Stop 193–255 From slow to fast
11	Gobo 2	0	0–3 Open (wheel slot 1) 4–7 Gobo_1 (wheel slot 2) 8–11 Gobo_2 (wheel slot 3) 12–15 Gobo_3 (wheel slot 4) 16–19 Gobo_4 (wheel slot 5) 20–23 Gobo_5 (wheel slot 6) 24–27 Gobo_6 (wheel slot 7) 28–31 Gobo_7 (wheel slot 8) 32–35 Gobo_8 (wheel slot 9) 36–39 Gobo_9 (wheel slot 10) 40–43 Gobo_10 (wheel slot 11) 44–47 Gobo_11 (wheel slot 12) 48–51 Gobo_12 (wheel slot 13) 52–55 Gobo_13 (wheel slot 14) 56–59 Gobo_14 (wheel slot 15) 60–63 Gobo_15 (wheel slot 16) 64–67 Gobo_16 (wheel slot 17) 68–71 Gobo_17 (wheel slot 18) 72–75 GOBO 1 from slow to fast (wheel slot 1) 76–79 GOBO 2 from slow to fast (wheel slot 2) 80–83 GOBO 3 from slow to fast (wheel slot 3) 84–87 GOBO 4 from slow to fast (wheel slot 4) 88–91 GOBO 5 from slow to fast (wheel slot 5) 92–95 GOBO 6 from slow to fast (wheel slot 6) 96–99 GOBO 7 from slow to fast (wheel slot 7) 100–103 GOBO 8 from slow to fast (wheel slot 8) 104–107 GOBO 9 from slow to fast (wheel slot 9) 108–111 GOBO 10 from slow to fast (wheel slot 10) 112–115 GOBO 11 from slow to fast (wheel slot 11) 116–119 GOBO 12 from slow to fast (wheel slot 12) 120–123 GOBO 13 from slow to fast (wheel slot 13) 124–127 GOBO 14 from slow to fast (wheel slot 14) 128–131 GOBO 15 from slow to fast (wheel slot 15) 132–135 GOBO 16 from slow to fast (wheel slot 16) 136–139 GOBO 17 from slow to fast (wheel slot 17) 140–196 From fast to slow 197–198 Stpo 199–255 From slow to fast

Basic (continued)

Ch	Function	Default	DMX values
12	Prism	0	0–127 Open (wheel slot 1) 128–255 8F Prism (wheel slot 2)
13	Prism Rotation	0	0–127 Lineary from 0 to 360 degree (wheel slot 2) 128–190 From fast to slow (wheel slot 2) 191–192 Stop (wheel slot 2) 193–255 From slow to fast (wheel slot 2)
14	Frost1	0	
15	Zoom	127	
16	Focus	127	
17	Control1	0	

Standard

21 channels

Ch	Function	Default	DMX values
1	Pan	127	
2	Pan Fine	255	Fine byte of Pan
3	Tilt	127	
4	Tilt Fine	255	Fine byte of Tilt
5	X YSpeed	0	
6	Shutter / Strobe	63	0–1 Closed 2–62 Strobe 63–64 Open 65–125 PulseInStrobe 126–127 Open 128–188 PulseOutStrobe 189–190 Open 191–251 RandomStrobe 252–255 Open
7	Dimmer	0	0–254 Close 255–255 Open
8	Dimmer Fine	0	Fine byte of Dimmer

Standard (continued)

Ch	Function	Default	DMX values
9	Color Wheel	0	0–8 Open (wheel slot 1) 9–17 Open + DARK RED (wheel slot 1) 18–26 DARK RED (wheel slot 2) 27–35 DARK RED + CYAN (wheel slot 2) 36–44 CYAN (wheel slot 3) 45–53 CYAN + YELLOW (wheel slot 3) 54–62 YELLOW (wheel slot 4) 63–71 YELLOW + MAGENTA (wheel slot 4) 72–80 MAGENTA (wheel slot 5) 81–89 MAGENTA + ACQUAMARINE (wheel slot 5) 90–98 ACQUAMARINE (wheel slot 6) 99–107 ACQUAMARINE + DEEP ORANGE (wheel slot 6) 108–116 DEEP ORANGE (wheel slot 7) 117–125 DEEP ORANGE + FOREST GREEN (wheel slot 7) 126–134 FOREST GREEN (wheel slot 8) 135–143 FOREST GREEN + CTO 3200K (wheel slot 8) 144–152 CTO 3200K (wheel slot 9) 153–161 CTO 3200K + 6000K (wheel slot 9) 162–170 6000K (wheel slot 10) 171–179 6000K + LAVANDER (wheel slot 10) 180–188 LAVANDER (wheel slot 11) 189–197 LAVANDER + DEEP BLUE (wheel slot 11) 198–206 DEEP BLUE (wheel slot 12) 207–215 DEEP BLUE + Open (wheel slot 12) 216–234 From fast to slow 235–236 Stop 237–255 From slow to fast
10	Gobo	0	0–9 Open (wheel slot 1) 10–19 gobo1 (wheel slot 2) 20–29 gobo2 (wheel slot 3) 30–39 gobo3 (wheel slot 4) 40–49 gobo4 (wheel slot 5) 50–59 gobo5 (wheel slot 6) 60–69 gobo6 (wheel slot 7) 70–79 gobo7 (wheel slot 8) 80–89 gobo8 (wheel slot 9) 90–99 GOBO 1 from slow to fast (wheel slot 1) 100–109 GOBO 2 from slow to fast (wheel slot 2) 110–119 GOBO 3 from slow to fast (wheel slot 3) 120–129 GOBO 4 from slow to fast (wheel slot 4) 130–139 GOBO 5 from slow to fast (wheel slot 5) 140–149 GOBO 6 from slow to fast (wheel slot 6) 150–159 GOBO 7 from slow to fast (wheel slot 7) 160–169 GOBO 8 from slow to fast (wheel slot 8) 170–211 From fast to slow 212–213 Stop 214–255 From slow to fast
11	Gobo Rotation	0	0–127 Lineary from 0 to 360 degree 128–190 From fast to slow 191–191 Stop 192–255 From slow to fast
12	Gobo Rotation Fine	0	Fine byte of Gobo Rotation

Standard (continued)

Ch	Function	Default	DMX values
13	Gobo 2	0	0–3 Open (wheel slot 1) 4–7 Gobo_1 (wheel slot 2) 8–11 Gobo_2 (wheel slot 3) 12–15 Gobo_3 (wheel slot 4) 16–19 Gobo_4 (wheel slot 5) 20–23 Gobo_5 (wheel slot 6) 24–27 Gobo_6 (wheel slot 7) 28–31 Gobo_7 (wheel slot 8) 32–35 Gobo_8 (wheel slot 9) 36–39 Gobo_9 (wheel slot 10) 40–43 Gobo_10 (wheel slot 11) 44–47 Gobo_11 (wheel slot 12) 48–51 Gobo_12 (wheel slot 13) 52–55 Gobo_13 (wheel slot 14) 56–59 Gobo_14 (wheel slot 15) 60–63 Gobo_15 (wheel slot 16) 64–67 Gobo_16 (wheel slot 17) 68–71 Gobo_17 (wheel slot 18) 72–75 GOBO 1 from slow to fast (wheel slot 1) 76–79 GOBO 2 from slow to fast (wheel slot 2) 80–83 GOBO 3 from slow to fast (wheel slot 3) 84–87 GOBO 4 from slow to fast (wheel slot 4) 88–91 GOBO 5 from slow to fast (wheel slot 5) 92–95 GOBO 6 from slow to fast (wheel slot 6) 96–99 GOBO 7 from slow to fast (wheel slot 7) 100–103 GOBO 8 from slow to fast (wheel slot 8) 104–107 GOBO 9 from slow to fast (wheel slot 9) 108–111 GOBO 10 from slow to fast (wheel slot 10) 112–115 GOBO 11 from slow to fast (wheel slot 11) 116–119 GOBO 12 from slow to fast (wheel slot 12) 120–123 GOBO 13 from slow to fast (wheel slot 13) 124–127 GOBO 14 from slow to fast (wheel slot 14) 128–131 GOBO 15 from slow to fast (wheel slot 15) 132–135 GOBO 16 from slow to fast (wheel slot 16) 136–139 GOBO 17 from slow to fast (wheel slot 17) 140–196 From fast to slow 197–198 Stpo 199–255 From slow to fast
14	Prism	0	0–127 Open (wheel slot 1) 128–255 8F Prism (wheel slot 2)
15	Prism Rotation	0	0–127 Lineary from 0 to 360 degree (wheel slot 2) 128–190 From fast to slow (wheel slot 2) 191–192 Stop (wheel slot 2) 193–255 From slow to fast (wheel slot 2)
16	Frost1	1	0–254 Close 255–255 Open
17	Zoom	127	
18	Zoom Fine	255	Fine byte of Zoom
19	Focus	127	
20	Focus Fine	255	Fine byte of Focus
21	Control1	0	