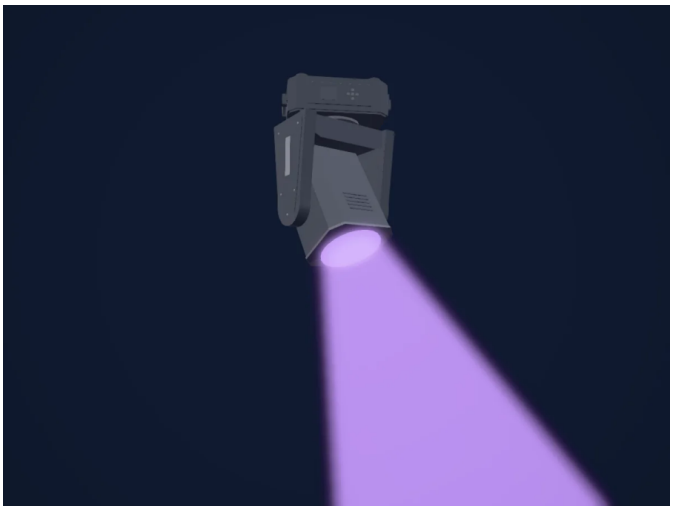
SHEHDS

Mobile App LED Beam 180W Moving Head Lighting



Manufacturer	**SHEHDS**
Type	**Moving head**
DMX modes	**2**
DMX footprint	**18, 23 channels**
Beam angle	**2.3-60°**
Pan range	**540°**
Tilt range	**270°**
Heads / cells	**2**
Size (W × H × D)	**300 × 300 × 200 mm**
GDTF fixture type	**8ADD09EB-F0FB-5D34-BE96-0E…**

Controls

Focus · Frost · Prism · Prism rotation · Colour wheel · Effect speed · Strobe · Dimmer · Pixel control · Pan and tilt · Movement speed · Gobos

Safety-relevant functions

Fixture reset · Built-in effect programmes

DMX modes

18CH Channels Mode	18 ch
23CHA Channels Mode	23 ch

18CH Channels Mode

18 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Tilt	128	
3	Position MSpeed	0	
4	Pan Mode	0	
5	Frost1	0	0–127 None 128–191 Frost 192–255 Rainbow color
6	Shutter / Strobe	104	0–3 Off 4–103 Strobe1 · Shutter slow - fast 1–20 Hz 104–107 Open 108–207 Strobe3 · Shutter slow - fast 1–20 Hz 208–212 Open 213–251 Random shutter slow - fast 1–20 Hz 252–255 Open
7	Dimmer	0	
8	Color Wheel	0	0–4 Open (wheel slot 1) 5–9 Open+Color1 10–14 Color1 (wheel slot 2) 15–19 Color1+Color2 20–24 Color2 (wheel slot 3) 25–29 Color2+Color3 30–34 Color3 (wheel slot 4) 35–39 Color3+Color4 40–44 Color4 (wheel slot 5) 45–49 Color4+Color5 50–54 Color5 (wheel slot 6) 55–59 Color5+Color6 60–64 Color6 (wheel slot 7) 65–69 Color6+Color7 70–74 Color7 (wheel slot 8) 75–79 Color7+Color8 80–84 Color8 (wheel slot 9) 85–89 Color8+Color9 90–94 Color9 (wheel slot 10) 95–99 Color9+Color10 100–104 Color10 (wheel slot 11) 105–109 Color10+Color11 110–114 Color11 (wheel slot 12) 115–119 Color11+Color12 120–124 Color12 (wheel slot 13) 125–129 Color12+Color13 130–134 Color13 (wheel slot 14) 135–139 Color13+Color14 140–144 Color14 (wheel slot 15) 145–149 Color14+Open 150–202 Color rotating fast to slow 203–255 Color rotating slow to fast

18CH Channels Mode (continued)

Ch	Function	Default	DMX values
9	Gobo	0	0–4 Open (wheel slot 1) 5–9 Gobo1 (wheel slot 2) 10–14 Gobo2 (wheel slot 3) 15–19 Gobo3 (wheel slot 4) 20–24 Gobo4 (wheel slot 5) 25–29 Gobo5 (wheel slot 6) 30–34 Gobo6 (wheel slot 7) 35–39 Gobo7 (wheel slot 8) 40–44 Gobo8 (wheel slot 9) 45–49 Gobo9 (wheel slot 10) 50–54 Gobo10 (wheel slot 11) 55–59 Gobo11 (wheel slot 12) 60–64 Gobo12 (wheel slot 13) 65–69 Gobo13 (wheel slot 14) 70–74 Gobo14 (wheel slot 15) 75–128 Gobo fast to slow 129–131 Stop 132–185 Gobo slow to fast 186–190 Slow to fast Gobo1 (wheel slot 2) 191–195 Slow to fast Gobo2 (wheel slot 3) 196–200 Slow to fast Gobo3 (wheel slot 4) 201–205 Slow to fast Gobo4 (wheel slot 5) 206–210 Slow to fast Gobo5 (wheel slot 6) 211–215 Slow to fast Gobo6 (wheel slot 7) 216–220 Slow to fast Gobo7 (wheel slot 8) 221–225 Slow to fast Gobo8 (wheel slot 9) 226–230 Slow to fast Gobo9 (wheel slot 10) 231–235 Slow to fast Gobo10 (wheel slot 11) 236–240 Slow to fast Gobo11 (wheel slot 12) 241–245 Slow to fast Gobo12 (wheel slot 13) 246–250 Slow to fast Gobo13 (wheel slot 14) 251–255 Slow to fast Gobo14 (wheel slot 15)
10	Prism	0	0–127 No Prism 128–255 Prism on
11	Prism	0	0–127 No Prism 128–255 Prism on
12	Prism Rotation	0	0–127 0-270°rotation 128–190 Rotate clockwise from slow to fast 191–192 Stop 193–255 Counterclockwise from fast to slow
13	Focus	0	
14	Fixture Global Reset	0	0–209 No function 210–215 Pan/Tilt reset after 3 second 216–219 No function 220–235 Effect reset after 3 second 236–239 No function 240–255 Reset system after 3 second
15	Dimmer	0	
16	Shutter / Strobe	0	0–9 None 10–255 Ring effect strobe 1–20 Hz
17	Effect	0	0–7 Ring effect mode 8–255 8 value transformations for effect
18	Effect Speed	0	

23CHA Channels Mode

23 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	Pan Mode	0	
7	Frost1	0	0–127 None 128–191 Frost 192–255 Rainbow color
8	Shutter / Strobe	104	0–3 Off 4–103 Strobe1 · Shutter slow - fast 1–20 Hz 104–107 Open 108–207 Strobe3 · Shutter slow - fast 1–20 Hz 208–212 Open 213–251 Random shutter slow - fast 1–20 Hz 252–255 Open
9	Dimmer	0	
10	Color Wheel	0	0–4 Open (wheel slot 1) 5–9 Open+Color1 10–14 Color1 (wheel slot 2) 15–19 Color1+Color2 20–24 Color2 (wheel slot 3) 25–29 Color2+Color3 30–34 Color3 (wheel slot 4) 35–39 Color3+Color4 40–44 Color4 (wheel slot 5) 45–49 Color4+Color5 50–54 Color5 (wheel slot 6) 55–59 Color5+Color6 60–64 Color6 (wheel slot 7) 65–69 Color6+Color7 70–74 Color7 (wheel slot 8) 75–79 Color7+Color8 80–84 Color8 (wheel slot 9) 85–89 Color8+Color9 90–94 Color9 (wheel slot 10) 95–99 Color9+Color10 100–104 Color10 (wheel slot 11) 105–109 Color10+Color11 110–114 Color11 (wheel slot 12) 115–119 Color11+Color12 120–124 Color12 (wheel slot 13) 125–129 Color12+Color13 130–134 Color13 (wheel slot 14) 135–139 Color13+Color14 140–144 Color14 (wheel slot 15) 145–149 Color14+Open 150–202 Color rotating fast to slow 203–255 Color rotating slow to fast

23CHA Channels Mode (continued)

Ch	Function	Default	DMX values
11	Gobo	0	0–4 Open (wheel slot 1) 5–9 Gobo1 (wheel slot 2) 10–14 Gobo2 (wheel slot 3) 15–19 Gobo3 (wheel slot 4) 20–24 Gobo4 (wheel slot 5) 25–29 Gobo5 (wheel slot 6) 30–34 Gobo6 (wheel slot 7) 35–39 Gobo7 (wheel slot 8) 40–44 Gobo8 (wheel slot 9) 45–49 Gobo9 (wheel slot 10) 50–54 Gobo10 (wheel slot 11) 55–59 Gobo11 (wheel slot 12) 60–64 Gobo12 (wheel slot 13) 65–69 Gobo13 (wheel slot 14) 70–74 Gobo14 (wheel slot 15) 75–128 Gobo fast to slow 129–131 Stop 132–185 Gobo slow to fast 186–190 Slow to fast Gobo1 (wheel slot 2) 191–195 Slow to fast Gobo2 (wheel slot 3) 196–200 Slow to fast Gobo3 (wheel slot 4) 201–205 Slow to fast Gobo4 (wheel slot 5) 206–210 Slow to fast Gobo5 (wheel slot 6) 211–215 Slow to fast Gobo6 (wheel slot 7) 216–220 Slow to fast Gobo7 (wheel slot 8) 221–225 Slow to fast Gobo8 (wheel slot 9) 226–230 Slow to fast Gobo9 (wheel slot 10) 231–235 Slow to fast Gobo10 (wheel slot 11) 236–240 Slow to fast Gobo11 (wheel slot 12) 241–245 Slow to fast Gobo12 (wheel slot 13) 246–250 Slow to fast Gobo13 (wheel slot 14) 251–255 Slow to fast Gobo14 (wheel slot 15)
12	Prism	0	0–127 No Prism 128–255 Prism on
13	Prism	0	0–127 No Prism 128–255 Prism on
14	Prism Rotation	0	0–127 0-270°rotation 128–190 Rotate clockwise from slow to fast 191–192 Stop 193–255 Counterclockwise from fast to slow
15	Focus	0	
16	Fixture Global Reset	0	0–209 No function 210–215 Pan/Tilt reset after 3 second 216–219 No function 220–235 Effect reset after 3 second 236–239 No function 240–255 Reset system after 3 second
17	Dimmer	0	
18	Shutter / Strobe	0	0–9 None 10–255 Ring effect strobe 1–20 Hz
19	Red	0	
20	Green	0	
21	Blue	0	
22	Effect	0	0–7 Ring effect mode 8–255 8 value transformations for effect
23	Effect Speed	0	

Fixture model: gdtf-shehds-mobile-app-led-beam-180w-moving-head-lighting-2611100227
Creator: HitLight
Modifications: Original HitLight 3D housing: scripted parametric geometry modelled by HitLight from public product photos and the manufactu...