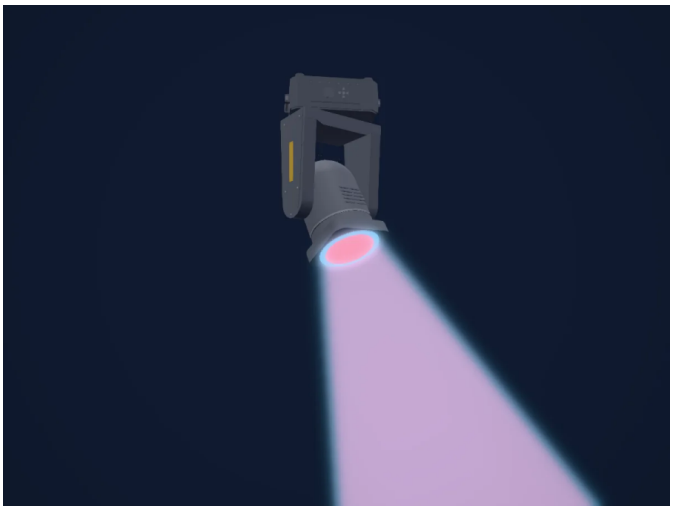
SHEHDS

Mobile App Beam 320W 14R CMY Moving Head Lighting



Manufacturer	**SHEHDS**
Type	**Moving head**
DMX modes	**2**
DMX footprint	**24, 27 channels**
Beam angle	**1.5-60°**
Pan range	**540°**
Tilt range	**270°**
Heads / cells	**2**
Size (W × H × D)	**300 × 300 × 200 mm**
GDTF fixture type	**F7602C3D-76F0-5E15-80E3-0E4…**

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

24CHA	24 ch
27CHB	27 ch

24CHA

24 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Shutter / Strobe	104	0–3 Off 4–103 Strobe: Shutter slow - fast 1–25 Hz 104–107 Open 108–207 Strobe: Shutter slow - fast 1–25 Hz 208–212 Open 213–251 Random shutter slow - fast 252–255 Open
3	Pan	128	
4	Pan Fine	0	Fine byte of Pan
5	Tilt	128	
6	Tilt Fine	0	Fine byte of Tilt
7	Position MSpeed	0	
8	Cyan	0	
9	Magenta	0	
10	Yellow	0	
11	Color Wheel	0	0–11 Open (wheel slot 1) 12–24 Open+Color1 25–37 Color1 (wheel slot 2) 38–50 Color1+Color2 51–63 Color2 (wheel slot 3) 64–75 Color2+Color3 76–88 Color3 (wheel slot 4) 89–101 Color3+Color4 102–114 Color4 (wheel slot 5) 115–127 Color4+Color5 128–191 Color rotating fast to slow 192–255 Color rotating slow to fast
12	Color Wheel 2	0	0–11 Open (wheel slot 1) 12–24 Open+Color1 25–37 Color1 (wheel slot 2) 38–50 Color1+Color2 51–63 Color2 (wheel slot 3) 64–75 Color2+Color3 76–88 Color3 (wheel slot 4) 89–101 Color3+Color4 102–114 Color4 (wheel slot 5) 115–127 Color4+Color5 128–191 Color rotating fast to slow 192–255 Color rotating slow to fast
13	Color Wheel 3	0	0–11 Open (wheel slot 1) 12–24 Open+Color1 25–37 Color1 (wheel slot 2) 38–50 Color1+Color2 51–63 Color2 (wheel slot 3) 64–75 Color2+Color3 76–88 Color3 (wheel slot 4) 89–101 Color3+Color4 102–114 Color4 (wheel slot 5) 115–127 Color4+Color5 128–191 Color rotating fast to slow 192–255 Color rotating slow to fast

24CHA (continued)

Ch	Function	Default	DMX values
14	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) 75–79 Gobo15 (wheel slot 16) 80–128 Gobo fast to slow 129–131 Stop 132–180 Gobo slow to fast 181–185 Slow to fast Gobo1 (wheel slot 2) 186–190 Slow to fast Gobo2 (wheel slot 3) 191–195 Slow to fast Gobo3 (wheel slot 4) 196–200 Slow to fast Gobo4 (wheel slot 5) 201–205 Slow to fast Gobo5 (wheel slot 6) 206–210 Slow to fast Gobo6 (wheel slot 7) 211–215 Slow to fast Gobo7 (wheel slot 8) 216–220 Slow to fast Gobo8 (wheel slot 9) 221–225 Slow to fast Gobo9 (wheel slot 10) 226–230 Slow to fast Gobo10 (wheel slot 11) 231–235 Slow to fast Gobo11 (wheel slot 12) 236–240 Slow to fast Gobo12 (wheel slot 13) 241–245 Slow to fast Gobo13 (wheel slot 14) 246–250 Slow to fast Gobo14 (wheel slot 15) 251–255 Slow to fast Gobo Open (wheel slot 1)
15	Prism	0	0–127 No Prism 128–255 Prism on
16	Prism	0	0–127 No Prism 128–255 Prism on
17	Prism Rotation	0	0–127 0-360°rotation 128–190 Rotate clockwise from fast to slow 191–192 Stop 193–255 Rotate counterclockwise from slow to fast
18	Frost1	0	0–127 None 128–191 Frost 192–255 Rainbow color
19	Focus	0	
20	Fixture Global Reset	0	0–99 No function 100–105 Light off after 3 second 106–199 No function 200–205 Light on after 3 second 206–209 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
21	Dimmer	0	
22	Effect 2	0	0–9 None 10–255 Ring effect strpbe

24CHA (continued)

Ch	Function	Default	DMX values
23	Effect 3	0	0–7 Ring effect mode 8–255 8 value transformations for effect
24	Effect Speed 3	0	0–127 Forward flowing water from fast to slow 128–255 Reverse flow from slow to fast

27CHB

27 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	Frost1	0	0–127 None 128–191 Frost 192–255 Rainbow color
7	Shutter / Strobe	104	0–3 Off 4–103 Strobe: Shutter slow - fast 1–25 Hz 104–107 Open 108–207 Strobe: Shutter slow - fast 1–25 Hz 208–212 Open 213–251 Random shutter slow - fast 252–255 Open
8	Dimmer	0	
9	Cyan	0	
10	Magenta	0	
11	Yellow	0	
12	Color Wheel	0	0–11 Open (wheel slot 1) 12–24 Open+Color1 25–37 Color1 (wheel slot 2) 38–50 Color1+Color2 51–63 Color2 (wheel slot 3) 64–75 Color2+Color3 76–88 Color3 (wheel slot 4) 89–101 Color3+Color4 102–114 Color4 (wheel slot 5) 115–127 Color4+Color5 128–191 Color rotating fast to slow 192–255 Color rotating slow to fast
13	Color Wheel 2	0	0–11 Open (wheel slot 1) 12–24 Open+Color1 25–37 Color1 (wheel slot 2) 38–50 Color1+Color2 51–63 Color2 (wheel slot 3) 64–75 Color2+Color3 76–88 Color3 (wheel slot 4) 89–101 Color3+Color4 102–114 Color4 (wheel slot 5) 115–127 Color4+Color5 128–191 Color rotating fast to slow 192–255 Color rotating slow to fast

27CHB (continued)

Ch	Function	Default	DMX values
14	Color Wheel 3	0	0–11 Open (wheel slot 1) 12–24 Open+Color1 25–37 Color1 (wheel slot 2) 38–50 Color1+Color2 51–63 Color2 (wheel slot 3) 64–75 Color2+Color3 76–88 Color3 (wheel slot 4) 89–101 Color3+Color4 102–114 Color4 (wheel slot 5) 115–127 Color4+Color5 128–191 Color rotating fast to slow 192–255 Color rotating slow to fast
15	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) 75–79 Gobo15 (wheel slot 16) 80–128 Gobo fast to slow 129–131 Stop 132–180 Gobo slow to fast 181–185 Slow to fast Gobo1 (wheel slot 2) 186–190 Slow to fast Gobo2 (wheel slot 3) 191–195 Slow to fast Gobo3 (wheel slot 4) 196–200 Slow to fast Gobo4 (wheel slot 5) 201–205 Slow to fast Gobo5 (wheel slot 6) 206–210 Slow to fast Gobo6 (wheel slot 7) 211–215 Slow to fast Gobo7 (wheel slot 8) 216–220 Slow to fast Gobo8 (wheel slot 9) 221–225 Slow to fast Gobo9 (wheel slot 10) 226–230 Slow to fast Gobo10 (wheel slot 11) 231–235 Slow to fast Gobo11 (wheel slot 12) 236–240 Slow to fast Gobo12 (wheel slot 13) 241–245 Slow to fast Gobo13 (wheel slot 14) 246–250 Slow to fast Gobo14 (wheel slot 15) 251–255 Slow to fast Gobo Open (wheel slot 1)
16	Prism	0	0–127 No Prism 128–255 Prism on
17	Prism	0	0–127 No Prism 128–255 Prism on
18	Prism Rotation	0	0–127 0-360°rotation 128–190 Rotate clockwise from fast to slow 191–192 Stop 193–255 Rotate counterclockwise from slow to fast
19	Focus	0	

27CHB (continued)

Ch	Function	Default	DMX values
20	Fixture Global Reset	0	0–99 No function 100–105 Light off after 3 second 106–199 No function 200–205 Light on after 3 second 206–209 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
21	Dimmer	0	
22	Effect 2	0	0–9 None 10–255 Ring effect strpbe
23	Red	0	
24	Green	0	
25	Blue	0	
26	Effect 3	0	0–7 Ring effect mode 8–255 8 value transformations for effect
27	Effect Speed 3	0	0–127 Forward flowing water from fast to slow 128–255 Reverse flow from slow to fast

Fixture model: gdtf-shehds-mobile-app-beam-320w-14r-cmy-moving-head-lighting-2611109203
Creator: HitLight
Modifications: Original HitLight 3D housing: scripted parametric geometry modelled by HitLight from public product photos and the manufactu…