SHEHDS

230W 7R Beam Moving Head Button Version



Manufacturer	**SHEHDS**
Type	**Moving head**
DMX modes	**2**
DMX footprint	**16, 20 channels**
Beam angle	**3.8°**
Pan range	**540°**
Tilt range	**250°**
Size (W × H × D)	**221 × 278 × 200 mm**
GDTF fixture type	**AB682EFD-6A97-4732-A3DF-F5…**

Controls

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

Safety-relevant functions

Lamp on and off · Fixture reset

DMX modes

Standard 16 Channel	16 ch
Extended 20 Channel	20 ch

Standard 16 Channel

16 channels

Ch	Function	Default	DMX values
1	Color Wheel	0	0–4 White->White+Red (wheel slot 1) 5–8 White+Red->Red (wheel slot 2) 9–12 Red->Red+Orange (wheel slot 2) 13–17 Red+Orange->Orange (wheel slot 3) 18–21 Orange->Orange+Aquamarine (wheel slot 3) 22–25 Orange+Aquamarine->Aquamarine (wheel slot 4) 26–29 Aquamarine->Aquamarine+Deep Green (wheel slot 4) 30–34 Aquamarine+Deep Green->Deep Green (wheel slot 5) 35–38 Deep Green->Deep Green+Light Green (wheel slot 5) 39–42 Deep Green+Light Green->Light Green (wheel slot 6) 43–46 Light Green->Light Green+Lavender (wheel slot 6) 47–51 Light Green+Lavender->Lavender (wheel slot 7) 52–55 Lavender->Lavender+Pink (wheel slot 7) 56–59 Lavender+Pink->Pink (wheel slot 8) 60–63 Pink->Pink+Yellow (wheel slot 8) 64–68 Pink+Yellow->Yellow (wheel slot 9) 69–72 Yellow->Yellow+Magenta (wheel slot 9) 73–76 Yellow+Magenta->Magenta (wheel slot 10) 77–81 Magenta->Magenta+Cyan (wheel slot 10) 82–85 Magenta+Cyan->Cyan (wheel slot 11) 86–89 Cyan->Cyan+CTO 260 (wheel slot 11) 90–93 Cyan+CTO 260->CTO 260 (wheel slot 12) 94–98 CTO 260->CTO 260+CTO 190 (wheel slot 12) 99–102 CTO 260+CTO 190->CTO 190 (wheel slot 13) 103–106 CTO 190->CTO 190+CTB 8000 (wheel slot 13) 107–110 CTO 190+CTB 8000->CTB 8000 (wheel slot 14) 111–115 CTB 8000->CTB 8000 + Blue (wheel slot 14) 116–119 CTB 8000 + Blue->Blue (wheel slot 15) 120–123 Blue->Blue+White (wheel slot 15) 124–127 Blue+White->White (wheel slot 1) 128–255 Slow to Fast
2	Shutter / Strobe	2	0–7 Open 8–63 Linear Strobe · Slow To Fast 8–63 Hz (wheel slot 1) 64–71 Open 72–127 Symmetry Strobe · Slow To Fast 30–360 Hz (wheel sl… 128–135 Open (wheel slot 1) 136–160 Strobe Quick Start (wheel slot 1) 161–166 Open 167–191 Strobe Quick Close 192–199 Open (wheel slot 1) 200–209 Effect 1 210–219 Empty Channel Set 220–229 Random Slow 230–239 Random Medium 240–249 Random Fast 250–255 Open
3	Dimmer	0	0–254 Closed 255–255 Open

Standard 16 Channel (continued)

Ch	Function	Default	DMX values
4	Gobo	0	0–5 Open 6–9 Gobo 1 10–15 Gobo 2 16–19 Gobo 3 20–25 Gobo 4 26–29 Gobo 5 30–35 Gobo 6 36–39 Gobo 7 40–45 Gobo 8 46–49 Gobo 9 50–55 Gobo 10 56–59 Gobo 11 60–65 Gobo 12 66–69 Gobo 13 70–75 Gobo 14 76–79 Gobo 15 80–85 Gobo 16 86–89 Gobo 17 90–129 Forward rotation, fast to slow 130–134 Stop 135–170 Reverse rotation, slow to fast 171–175 Gobo 1 shake, slow to fast 176–180 Gobo 2 shake, slow to fast 181–185 Gobo 3 shake, slow to fast 186–190 Gobo 4 shake, slow to fast 191–195 Gobo 5 shake, slow to fast 196–200 Gobo 6 shake, slow to fast 201–205 Gobo 7 shake, slow to fast 206–210 Gobo 8 shake, slow to fast 211–215 Gobo 9 shake, slow to fast 216–220 Gobo 10 shake, slow to fast 221–225 Gobo 11 shake, slow to fast 226–230 Gobo 12 shake, slow to fast 231–235 Gobo 13 shake, slow to fast 236–240 Gobo 14 shake, slow to fast 241–245 Gobo 15 shake, slow to fast 246–250 Gobo 16 shake, slow to fast 251–255 Gobo 17 shake, slow to fast
5	Prism	0	0–127 Open (wheel slot 1) 128–255 Prism Inserted (wheel slot 2)
6	Prism Rotation	0	0–126 Position 0 (wheel slot 3) 127–127 Position 540 (wheel slot 3) 128–190 Fast To Slow (wheel slot 3) 191–192 Stop 193–255 Slow To Fast
7	No Feature	0	
8	Control1	255	0–127 Unused Range 128–255 Rainbow
9	Focus	0	0–254 Distant (wheel slot 1) 255–255 Near
10	Pan	128	
11	Pan Fine	0	Fine byte of Pan
12	Tilt	128	
13	Tilt Fine	0	Fine byte of Tilt
14	Frost1	0	

Standard 16 Channel (continued)

Ch	Function	Default	DMX values
15	Fixture Global Reset	0	0–149 Unused Range 1 150–155 Reset system 156–199 Unused Range 2 200–205 Complete Reset 206–251 Unused Range 3 252–255 Reset
16	Lamp Control	0	0–25 Unused Range 26–100 Lamp Off (wheel slot 1) 101–255 Lamp On

Extended 20 Channel

20 channels

Ch	Function	Default	DMX values
1	Color Wheel	0	0–4 White->White+Red (wheel slot 1) 5–8 White+Red->Red (wheel slot 2) 9–12 Red->Red+Orange (wheel slot 2) 13–17 Red+Orange->Orange (wheel slot 3) 18–21 Orange->Orange+Aquamarine (wheel slot 3) 22–25 Orange+Aquamarine->Aquamarine (wheel slot 4) 26–29 Aquamarine->Aquamarine+Deep Green (wheel slot 4) 30–34 Aquamarine+Deep Green->Deep Green (wheel slot 5) 35–38 Deep Green->Deep Green+Light Green (wheel slot 5) 39–42 Deep Green+Light Green->Light Green (wheel slot 6) 43–46 Light Green->Light Green+Lavender (wheel slot 6) 47–51 Light Green+Lavender->Lavender (wheel slot 7) 52–55 Lavender->Lavender+Pink (wheel slot 7) 56–59 Lavender+Pink->Pink (wheel slot 8) 60–63 Pink->Pink+Yellow (wheel slot 8) 64–68 Pink+Yellow->Yellow (wheel slot 9) 69–72 Yellow->Yellow+Magenta (wheel slot 9) 73–76 Yellow+Magenta->Magenta (wheel slot 10) 77–81 Magenta->Magenta+Cyan (wheel slot 10) 82–85 Magenta+Cyan->Cyan (wheel slot 11) 86–89 Cyan->Cyan+CTO 260 (wheel slot 11) 90–93 Cyan+CTO 260->CTO 260 (wheel slot 12) 94–98 CTO 260->CTO 260+CTO 190 (wheel slot 12) 99–102 CTO 260+CTO 190->CTO 190 (wheel slot 13) 103–106 CTO 190->CTO 190+CTB 8000 (wheel slot 13) 107–110 CTO 190+CTB 8000->CTB 8000 (wheel slot 14) 111–115 CTB 8000->CTB 8000 + Blue (wheel slot 14) 116–119 CTB 8000 + Blue->Blue (wheel slot 15) 120–123 Blue->Blue+White (wheel slot 15) 124–127 Blue+White->White (wheel slot 1) 128–255 Slow to Fast
2	Shutter / Strobe	2	0–7 Open 8–63 Linear Strobe · Slow To Fast 8–63 Hz (wheel slot 1) 64–71 Open 72–127 Symmetry Strobe · Slow To Fast 30–360 Hz (wheel sl… 128–135 Open (wheel slot 1) 136–160 Strobe Quick Start (wheel slot 1) 161–166 Open 167–191 Strobe Quick Close 192–199 Open (wheel slot 1) 200–209 Effect 1 210–219 Empty Channel Set 220–229 Random Slow 230–239 Random Medium 240–249 Random Fast 250–255 Open

Extended 20 Channel (continued)

Ch	Function	Default	DMX values
3	Dimmer	0	0–254 Closed 255–255 Open
4	Gobo	0	0–5 Open 6–9 Gobo 1 10–15 Gobo 2 16–19 Gobo 3 20–25 Gobo 4 26–29 Gobo 5 30–35 Gobo 6 36–39 Gobo 7 40–45 Gobo 8 46–49 Gobo 9 50–55 Gobo 10 56–59 Gobo 11 60–65 Gobo 12 66–69 Gobo 13 70–75 Gobo 14 76–79 Gobo 15 80–85 Gobo 16 86–89 Gobo 17 90–129 Forward rotation, fast to slow 130–134 Stop 135–170 Reverse rotation, slow to fast 171–175 Gobo 1 shake, slow to fast 176–180 Gobo 2 shake, slow to fast 181–185 Gobo 3 shake, slow to fast 186–190 Gobo 4 shake, slow to fast 191–195 Gobo 5 shake, slow to fast 196–200 Gobo 6 shake, slow to fast 201–205 Gobo 7 shake, slow to fast 206–210 Gobo 8 shake, slow to fast 211–215 Gobo 9 shake, slow to fast 216–220 Gobo 10 shake, slow to fast 221–225 Gobo 11 shake, slow to fast 226–230 Gobo 12 shake, slow to fast 231–235 Gobo 13 shake, slow to fast 236–240 Gobo 14 shake, slow to fast 241–245 Gobo 15 shake, slow to fast 246–250 Gobo 16 shake, slow to fast 251–255 Gobo 17 shake, slow to fast
5	Prism	0	0–127 Open (wheel slot 1) 128–255 Prism Inserted (wheel slot 2)
6	Prism Rotation	0	0–126 Position 0 (wheel slot 3) 127–127 Position 540 (wheel slot 3) 128–190 Fast To Slow (wheel slot 3) 191–192 Stop 193–255 Slow To Fast
7	No Feature	0	
8	Control1	255	0–127 Unused Range 128–255 Rainbow
9	Focus	0	0–254 Distant (wheel slot 1) 255–255 Near
10	Pan	128	
11	Pan Fine	0	Fine byte of Pan
12	Tilt	128	
13	Tilt Fine	0	Fine byte of Tilt
14	Frost1	0	

Extended 20 Channel (continued)

Ch	Function	Default	DMX values
15	Fixture Global Reset	0	0–149 Unused Range 1 150–155 Reset system 156–199 Unused Range 2 200–205 Complete Reset 206–251 Unused Range 3 252–255 Reset
16	Lamp Control	0	0–25 Unused Range 26–100 Lamp Off (wheel slot 1) 101–255 Lamp On
17	Position MSpeed	0	
18	Color Wheel Select MSpeed	0	
19	Focus MSpeed	0	
20	Gobo Wheel1MSpeed	0	

Fixture model: gdtf-shehds-230w-7r-beam-moving-head-button-version-138284
Creator: HitLight
Modifications: Made in-house by HitLight: procedural geometry from scripts/gdtf/lib/authoredHousings.ts (hitlight-authored-housing-v1), auth…