Showtec

Phantom 75 LED Spot



Manufacturer	**Showtec**
Type	**Moving head**
DMX modes	**2**
DMX footprint	**8, 14 channels**
Beam angle	**18.5°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**217 × 249 × 208 mm**
GDTF fixture type	**5CE2F76A-FE24-5E24-A897-7F7…**

Controls

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

Safety-relevant functions

Fixture reset · Built-in effect programmes

DMX modes

8CH (provisional)	8 ch
14CH (provisional)	14 ch

8CH (provisional)

8 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Tilt	128	
3	Color Wheel	0	0–6 Open White (wheel slot 1) 7–13 Yellow (wheel slot 2) 14–20 Pink (wheel slot 3) 21–27 Green (wheel slot 4) 28–34 Red (wheel slot 5) 35–41 Light Blue (wheel slot 6) 42–48 Light Green (wheel slot 7) 49–55 Orange (wheel slot 8) 56–63 Dark Blue (wheel slot 9) 64–70 Split White Yellow (wheel slot 10) 71–77 Split Yellow Pink (wheel slot 11) 78–84 Split Pink Green (wheel slot 12) 85–91 Split Green Red (wheel slot 13) 92–98 Split Red Light Blue (wheel slot 14) 99–105 Split Light Blue Light Green (wheel slot 15) 106–112 Split Light Green Orange (wheel slot 16) 113–119 Split Orange Dark Blue (wheel slot 17) 120–127 Split Dark Blue White (wheel slot 18) 128–191 CW rainbow slow to fast (rpmestimated) 192–255 CCW rainbow slow to fast (rpmestimated)
4	Shutter / Strobe	0	0–3 Shutter closed 4–7 Shutter open 8–76 Strobe0-10flashes per second 77–145 Pulse strobe effect 146–215 Random shutter 216–255 Shutter open
5	Dimmer	0	
6	Gobo	0	0–7 Open White (wheel slot 1) 8–15 Gobo1 Glass (wheel slot 2) 16–23 Gobo2 Glass (wheel slot 3) 24–31 Gobo3 Metal (wheel slot 4) 32–39 Gobo4 Metal (wheel slot 5) 40–47 Gobo5 Metal (wheel slot 6) 48–55 Gobo6 Metal (wheel slot 7) 56–63 Gobo7 Metal (wheel slot 8) 64–71 Gobo shake7 slow to fast (wheel slot 8) 72–79 Gobo shake6 slow to fast (wheel slot 7) 80–87 Gobo shake5 slow to fast (wheel slot 6) 88–95 Gobo shake4 slow to fast (wheel slot 5) 96–103 Gobo shake3 slow to fast (wheel slot 4) 104–111 Gobo shake2 slow to fast (wheel slot 3) 112–119 Gobo shake1 slow to fast (wheel slot 2) 120–127 Open White (wheel slot 1) 128–191 CW gobo wheel slow to fast (rpmestimated) 192–255 CCW gobo wheel slow to fast (rpmestimated)
7	Gobo Rotation	0	0–63 Gobo indexing (angleestimated) 64–147 CW slow to fast (rpmestimated) 148–231 CCW slow to fast (rpmestimated) 232–255 Gobo bouncing
8	Prism	0	0–7 Prism out 8–12 3-facet prism effect 13–130 CW prism slow to fast (rpmestimated) 131–247 CCW prism slow to fast (rpmestimated) 248–255 3-facet prism effect

14CH (provisional)

14 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Tilt	128	
3	Pan Fine	0	Fine byte of Pan
4	Tilt Fine	0	Fine byte of Tilt
5	Pan Tilt Speed	0	
6	Color Wheel	0	0–6 Open White (wheel slot 1) 7–13 Yellow (wheel slot 2) 14–20 Pink (wheel slot 3) 21–27 Green (wheel slot 4) 28–34 Red (wheel slot 5) 35–41 Light Blue (wheel slot 6) 42–48 Light Green (wheel slot 7) 49–55 Orange (wheel slot 8) 56–63 Dark Blue (wheel slot 9) 64–70 Split White Yellow (wheel slot 10) 71–77 Split Yellow Pink (wheel slot 11) 78–84 Split Pink Green (wheel slot 12) 85–91 Split Green Red (wheel slot 13) 92–98 Split Red Light Blue (wheel slot 14) 99–105 Split Light Blue Light Green (wheel slot 15) 106–112 Split Light Green Orange (wheel slot 16) 113–119 Split Orange Dark Blue (wheel slot 17) 120–127 Split Dark Blue White (wheel slot 18) 128–191 CW rainbow slow to fast (rpmestimated) 192–255 CCW rainbow slow to fast (rpmestimated)
7	Shutter / Strobe	0	0–3 Shutter closed 4–7 Shutter open 8–76 Strobe0-10flashes per second 77–145 Pulse strobe effect 146–215 Random shutter 216–255 Shutter open
8	Dimmer	0	
9	Gobo	0	0–7 Open White (wheel slot 1) 8–15 Gobo1 Glass (wheel slot 2) 16–23 Gobo2 Glass (wheel slot 3) 24–31 Gobo3 Metal (wheel slot 4) 32–39 Gobo4 Metal (wheel slot 5) 40–47 Gobo5 Metal (wheel slot 6) 48–55 Gobo6 Metal (wheel slot 7) 56–63 Gobo7 Metal (wheel slot 8) 64–71 Gobo shake7 slow to fast (wheel slot 8) 72–79 Gobo shake6 slow to fast (wheel slot 7) 80–87 Gobo shake5 slow to fast (wheel slot 6) 88–95 Gobo shake4 slow to fast (wheel slot 5) 96–103 Gobo shake3 slow to fast (wheel slot 4) 104–111 Gobo shake2 slow to fast (wheel slot 3) 112–119 Gobo shake1 slow to fast (wheel slot 2) 120–127 Open White (wheel slot 1) 128–191 CW gobo wheel slow to fast (rpmestimated) 192–255 CCW gobo wheel slow to fast (rpmestimated)
10	Gobo Rotation	0	0–63 Gobo indexing (angleestimated) 64–147 CW slow to fast (rpmestimated) 148–231 CCW slow to fast (rpmestimated) 232–255 Gobo bouncing

14CH (provisional) (continued)

Ch	Function	Default	DMX values
11	No Feature	0	0–7 No Function 8–15 Blackout Pan Tilt movement 16–23 Blackout Colour movement 24–31 Blackout Gobo movement 32–39 Blackout Pan Tilt Colour movement 40–47 Blackout Pan Tilt Gobo movement 48–55 Blackout Pan Tilt Gobo Colour movement 56–95 No Function 96–103 Reset Pan after3seconds 104–111 Reset Tilt after3seconds 112–119 Reset Colourwheel after3seconds 120–127 Reset Gobowheel after3seconds 128–135 Reset Gobo rotation after3seconds 136–143 Reset Prism after3seconds 144–151 Reset Focus after3seconds 152–159 Reset All channels after3seconds 160–255 No Function
12	No Feature	0	0–7 No Function 8–23 Built-in Program1 24–39 Built-in Program2 40–55 Built-in Program3 56–71 Built-in Program4 72–87 Built-in Program5 88–103 Built-in Program6 104–119 Built-in Program7 120–135 Built-in Program8 136–151 Sound-controlled Program1 152–167 Sound-controlled Program2 168–183 Sound-controlled Program3 184–199 Sound-controlled Program4 200–215 Sound-controlled Program5 216–231 Sound-controlled Program6 232–247 Sound-controlled Program7 248–255 Sound-controlled Program8
13	Prism	0	0–7 Prism out 8–12 3-facet prism effect 13–130 CW prism slow to fast (rpmestimated) 131–247 CCW prism slow to fast (rpmestimated) 248–255 3-facet prism effect
14	Focus	0	

Fixture model: gdtf-showtec-phantom-75-led-spot-2611035205
Original HitLight parametric reconstruction. Manufacturer drawings and photographs used as dimensional and visual references; no third-part…
Creator: HitLight