Showtec

Phantom 3R Hybrid



Manufacturer	**Showtec**
Type	**Moving head**
DMX modes	**2**
DMX footprint	**14, 19 channels**
Beam angle	**25°**
Pan range	**540°**
Tilt range	**220°**
Size (W × H × D)	**240 × 450 × 220 mm**
GDTF fixture type	**723EE6B0-1DE7-4155-A12D-E7…**

Controls

Focus · Frost · Prism rotation · Zoom · Colour wheel · Dimmer · Movement speed · Gobos · Gobo rotation

Safety-relevant functions

Lamp on and off · Fixture reset

DMX modes

14CH	14 ch
19CH	19 ch

14CH

14 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Tilt	128	
3	Dimmer	0	0–254 Closed 255–255 Open
4	Strobe Mode Strobe	16	0–7 Closed 8–15 Open 16–131 Strobo 132–167 PulseOpen 168–203 PulseClose 204–239 Pulse S>F 240–250 Rnd Strobe S>F 251–255 Open
5	Color1Wheel Index	0	0–3 White (wheel slot 1) 4–7 Red (wheel slot 2) 8–11 Yellow (wheel slot 3) 12–15 Green (wheel slot 4) 16–19 Light Blue (wheel slot 5) 20–23 Pink (wheel slot 6) 24–27 Lime (wheel slot 7) 28–31 Blue (wheel slot 8) 32–35 Purple (wheel slot 9) 36–39 Light Green (wheel slot 10) 40–43 CTO (wheel slot 11) 44–47 1/2 CTO (wheel slot 12) 48–51 CTB (wheel slot 13) 52–55 Magenta (wheel slot 14) 56–63 UV (wheel slot 15) 64–67 White>Red 68–71 Red>Yellow 72–75 Yellow>Green 76–79 Green>LightBlue 80–83 LightBlue>Pink 84–87 Pink>Lime 88–91 Lime>Blue 92–95 Blue>Purple 96–99 Purple>LightGreen 100–103 LightGreen>CTO 104–107 CTO>1/2CTO 108–111 1/2CTO>CTB 112–115 CTB>Magenta 116–119 Magenta>UV 120–127 UV>White 128–191 CW S>F 192–255 CCW S>F

14CH (continued)

Ch	Function	Default	DMX values
6	Gobo1Wheel Index	0	0–2 Open Gobo (wheel slot 1) 3–5 Gobo 1 (wheel slot 2) 6–8 Gobo 2 (wheel slot 3) 9–11 Gobo 3 (wheel slot 4) 12–14 Gobo 4 (wheel slot 5) 15–17 Gobo 5 (wheel slot 6) 18–20 Gobo 6 (wheel slot 7) 21–23 Gobo 7 (wheel slot 8) 24–26 Gobo 8 (wheel slot 9) 27–29 Gobo 9 (wheel slot 10) 30–32 Gobo 10 (wheel slot 11) 33–35 Gobo 11 (wheel slot 12) 36–38 Gobo 12 (wheel slot 13) 39–41 Gobo 13 (wheel slot 14) 42–44 Gobo 14 (wheel slot 15) 45–47 Gobo 15 (wheel slot 16) 48–50 Gobo 16 (wheel slot 17) 51–142 Shake 143–198 CW S>F 199–255 CCW S>F
7	Gobo 2	6	0–5 NoFeature 6–11 Open (wheel slot 1) 12–18 Gobo2-1 (wheel slot 2) 19–24 Gobo2-2 (wheel slot 3) 25–31 Gobo2-3 (wheel slot 4) 32–37 Gobo2-4 (wheel slot 5) 38–44 Gobo2-5 (wheel slot 6) 45–50 Gobo2-6 (wheel slot 7) 51–57 Gobo2-7 (wheel slot 8) 58–69 Gobo2-8 (wheel slot 9) 70–76 Gobo2-7 (wheel slot 8) 77–82 Gobo2-6 (wheel slot 7) 83–88 Gobo2-5 (wheel slot 6) 89–95 Gobo2-4 (wheel slot 5) 96–101 Gobo2-3 (wheel slot 4) 102–107 Gobo2-2 (wheel slot 3) 108–114 Gobo2-1 (wheel slot 2) 115–127 Open (wheel slot 1) 128–189 CCW 190–193 Stop 194–255 CW
8	Gobo Rotation 2	0	0–63 Gobo2Pos 64–145 CCW 146–149 Stop 150–231 Empty Channel Set 232–255 Gobo2PosShake 3
9	Prism Rotation	0	0–7 No Function (wheel slot 1) 8–12 Prism (wheel slot 2) 13–130 CW S>F 131–247 CCW S>F 248–255 Prism
10	Prism Rotation	0	0–7 No Function (wheel slot 1) 8–12 Prism (wheel slot 2) 13–130 CW S>F 131–247 CCW S>F 248–255 Prism
11	Focus	0	
12	Zoom	0	
13	Frost1	0	

14CH (continued)

Ch	Function	Default	DMX values
14	Prog	0	0–7 No Function 8–23 Prog 1 24–39 Prog 2 40–55 Prog 3 56–71 Prog 4 72–87 Prog 5 88–103 Prog 6 104–119 Prog 7 120–135 Prog 8 136–151 Sound 1 152–167 Sound 2 168–183 Sound 3 184–199 Sound 4 200–215 Sound 5 216–231 Sound 6 232–247 Sound 7 248–255 Sound 8

19CH

19 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Tilt	128	
3	Pan Fine	128	Fine byte of Pan
4	Tilt Fine	128	Fine byte of Tilt
5	Position MSpeed	0	
6	Dimmer	0	0–254 Closed 255–255 Open
7	Strobe Mode Strobe	16	0–7 Closed 8–15 Open 16–131 Strobo 132–167 PulseOpen 168–203 PulseClose 204–239 Pulse S>F 240–250 Rnd Strobe S>F 251–255 Open

19CH (continued)

Ch	Function	Default	DMX values
8	Color1Wheel Index	0	0–3 White (wheel slot 1) 4–7 Red (wheel slot 2) 8–11 Yellow (wheel slot 3) 12–15 Green (wheel slot 4) 16–19 Light Blue (wheel slot 5) 20–23 Pink (wheel slot 6) 24–27 Lime (wheel slot 7) 28–31 Blue (wheel slot 8) 32–35 Purple (wheel slot 9) 36–39 Light Green (wheel slot 10) 40–43 CTO (wheel slot 11) 44–47 1/2 CTO (wheel slot 12) 48–51 CTB (wheel slot 13) 52–55 Magenta (wheel slot 14) 56–63 UV (wheel slot 15) 64–67 White>Red 68–71 Red>Yellow 72–75 Yellow>Green 76–79 Green>LightBlue 80–83 LightBlue>Pink 84–87 Pink>Lime 88–91 Lime>Blue 92–95 Blue>Purple 96–99 Purple>LightGreen 100–103 LightGreen>CTO 104–107 CTO>1/2CTO 108–111 1/2CTO>CTB 112–115 CTB>Magenta 116–119 Magenta>UV 120–127 UV>White 128–191 CW S>F 192–255 CCW S>F
9	Gobo1Wheel Index	0	0–2 Open Gobo (wheel slot 1) 3–5 Gobo 1 (wheel slot 2) 6–8 Gobo 2 (wheel slot 3) 9–11 Gobo 3 (wheel slot 4) 12–14 Gobo 4 (wheel slot 5) 15–17 Gobo 5 (wheel slot 6) 18–20 Gobo 6 (wheel slot 7) 21–23 Gobo 7 (wheel slot 8) 24–26 Gobo 8 (wheel slot 9) 27–29 Gobo 9 (wheel slot 10) 30–32 Gobo 10 (wheel slot 11) 33–35 Gobo 11 (wheel slot 12) 36–38 Gobo 12 (wheel slot 13) 39–41 Gobo 13 (wheel slot 14) 42–44 Gobo 14 (wheel slot 15) 45–47 Gobo 15 (wheel slot 16) 48–50 Gobo 16 (wheel slot 17) 51–142 Shake 143–198 CW S>F 199–255 CCW S>F

19CH (continued)

Ch	Function	Default	DMX values
10	Gobo 2	6	0–5 NoFeature 6–11 Open (wheel slot 1) 12–18 Gobo2-1 (wheel slot 2) 19–24 Gobo2-2 (wheel slot 3) 25–31 Gobo2-3 (wheel slot 4) 32–37 Gobo2-4 (wheel slot 5) 38–44 Gobo2-5 (wheel slot 6) 45–50 Gobo2-6 (wheel slot 7) 51–57 Gobo2-7 (wheel slot 8) 58–69 Gobo2-8 (wheel slot 9) 70–76 Gobo2-7 (wheel slot 8) 77–82 Gobo2-6 (wheel slot 7) 83–88 Gobo2-5 (wheel slot 6) 89–95 Gobo2-4 (wheel slot 5) 96–101 Gobo2-3 (wheel slot 4) 102–107 Gobo2-2 (wheel slot 3) 108–114 Gobo2-1 (wheel slot 2) 115–127 Open (wheel slot 1) 128–189 CCW 190–193 Stop 194–255 CW
11	Gobo Rotation 2	0	0–63 Gobo2Pos 64–145 CCW 146–149 Stop 150–231 Empty Channel Set 232–255 Gobo2PosShake 3
12	Prism Rotation	0	0–7 No Function (wheel slot 1) 8–12 Prism (wheel slot 2) 13–130 CW S>F 131–247 CCW S>F 248–255 Prism
13	Prism Rotation	0	0–7 No Function (wheel slot 1) 8–12 Prism (wheel slot 2) 13–130 CW S>F 131–247 CCW S>F 248–255 Prism
14	Focus	0	
15	Focus Mode	0	0–10 No Function 11–127 Focus Gobo1 128–255 Focus Gobo2
16	Zoom	0	
17	Frost1	0	

19CH (continued)

Ch	Function	Default	DMX values
18	Control1	0	0–7 No Function 8–15 Blackout Pan/Tilt 16–23 Blackout color wheel 24–31 Blackout gobo wheel 32–39 Blackout Pan-Tilt/color wheel 40–47 Blackout Pan-Tilt/gobo wheel 48–55 Blackout Pan-Tilt/color/gobo 56–87 Blackout reset 88–95 Lamp on 96–103 Pan reset 104–111 Tilt reset 112–119 Color wheel reset 120–127 Gobo wheel reset 128–135 No Function 136–143 Prism reset 144–151 Focus/zoom reset 152–159 Reset 160–167 Strobe reset 168–231 No Function 232–239 Lamp off 240–255 No Function
19	Prog	0	0–7 No Function 8–23 Prog 1 24–39 Prog 2 40–55 Prog 3 56–71 Prog 4 72–87 Prog 5 88–103 Prog 6 104–119 Prog 7 120–135 Prog 8 136–151 Sound 1 152–167 Sound 2 168–183 Sound 3 184–199 Sound 4 200–215 Sound 5 216–231 Sound 6 232–247 Sound 7 248–255 Sound 8