Terbly

OK370ST-R



Manufacturer	**Terbly**
Type	**Moving head**
DMX modes	**4**
DMX footprint	**4, 16, 18, 30 channels**
Beam angle	**15-60°**
Pan range	**540°**
Tilt range	**260°**
Heads / cells	**5**
Size (W × H × D)	**362 × 186 × 361 mm**
GDTF fixture type	**E5F41832-1950-4CEB-98D5-20…**

Controls

Zoom · Extra LED colours · RGB colour mixing · Colour wheel · Effect speed · Strobe · Dimmer · Pixel control · Pan and tilt · Movement speed

Safety-relevant functions

Service functions · Built-in effect programmes

DMX modes

Pixel	4 ch
Extended	16 ch
Standard	18 ch
Basic	30 ch

Pixel

4 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	White	0	

Extended

16 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Tilt	128	
3	Position MSpeed	0	0–224 max 225–225 min 226–235 BO by Movement 236–255 no function
4	Zoom	128	0–127 narrow 128–254 normal 255–255 wide
5	Shutter / Strobe	63	0–31 Closed 32–63 Open 64–94 min Strobe 95–95 max Strobe 96–127 Open 2 128–158 min Pulse 159–159 max Pulse 160–191 Open 3 192–222 Random · min Rnd 1–24.2 Hz 223–223 Random · maxRnd 25 Hz 224–255 Open 4
6	Dimmer	0	0–254 Closed 255–255 Open
7	Effect	0	0–14 Safe 15–30 Chase 1 31–46 Chase 2 47–62 Chase 3 63–78 Chase 4 79–94 Chase 5 95–110 Chase 6 111–126 Chase 7 127–142 Chase 8 143–158 Chase 9 159–174 Chase 10 175–190 CHase 11 191–206 Chase 12 207–222 CHase 13 223–238 Chase 14 239–255 Chase 15
8	Effect Speed	0	0–0 >>> 1–124 >> 125–125 > 126–130 Stop 131–131 < 132–254 << 255–255 <<<
9	Effects1Fade	0	

Extended (continued)

Ch	Function	Default	DMX values
10	Color Wheel	0	0–31 No function (wheel slot 1) 32–63 White2700k (wheel slot 2) 64–95 White3200k (wheel slot 3) 96–127 White4300k (wheel slot 4) 128–159 White5600k (wheel slot 5) 160–191 White6500k (wheel slot 6) 192–255 White8000k (wheel slot 7)
11	Color Calibration Mode	0	0–189 No function 190–254 Edit a new white balance 255–255 Store a new white balance
12	Control1	0	0–79 Normal 80–84 Reset all 85–87 Reset P/T 88–90 NoFeature 91–93 Store white balance enabled 94–96 NoFeature 1 97–99 Reset others 100–119 Program 1 120–139 Program 2 140–159 Program 3 160–179 Program 4 180–199 Program 5 200–219 Program 6 220–239 Program 7 240–255 Music Control
13	Red	255	
14	Green	255	
15	Blue	255	
16	White	0	

Standard

18 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	White	0	
5	Pan	128	
6	Tilt	128	
7	Position MSpeed	0	0–224 max 225–225 min 226–235 BO by Movement 236–255 no function
8	Shutter / Strobe	63	0–31 Closed 32–63 Open 64–94 min Strobe 95–95 max Strobe 96–127 Open 2 128–158 min Pulse 159–159 max Pulse 160–191 Open 3 192–222 Random · min Rnd 1–24.2 Hz 223–223 Random · maxRnd 25 Hz 224–255 Open 4
9	Dimmer	0	0–254 Closed 255–255 Open

Standard (continued)

Ch	Function	Default	DMX values
10	Effect	0	0–14 Safe 15–30 Chase 1 31–46 Chase 2 47–62 Chase 3 63–78 Chase 4 79–94 Chase 5 95–110 Chase 6 111–126 Chase 7 127–142 Chase 8 143–158 Chase 9 159–174 Chase 10 175–190 CHase 11 191–206 Chase 12 207–222 CHase 13 223–238 Chase 14 239–255 Chase 15
11	Effect Speed	0	0–0 >>> 1–124 >> 125–125 > 126–130 Stop 131–131 < 132–254 < 255–255 <<<
12	Effects1Fade	0	
13	Color Wheel	0	0–31 No function (wheel slot 1) 32–63 White2700k (wheel slot 2) 64–95 White3200k (wheel slot 3) 96–127 White4300k (wheel slot 4) 128–159 White5600k (wheel slot 5) 160–191 White6500k (wheel slot 6) 192–255 White8000k (wheel slot 7)
14	Color Calibration Mode	0	0–189 No function 190–254 Edit a new white balance 255–255 Store a new white balance
15	Zoom	128	0–127 narrow 128–254 normal 255–255 wide
16	Control1	0	0–79 Normal 80–84 Reset all 85–87 Reset P/T 88–90 NoFeature 91–93 Store white balance enabled 94–96 NoFeature 1 97–99 Reset others 100–119 Program 1 120–139 Program 2 140–159 Program 3 160–179 Program 4 180–199 Program 5 200–219 Program 6 220–239 Program 7 240–255 Music Control
17	Pan Fine	128	Fine byte of Pan
18	Tilt Fine	128	Fine byte of Tilt

Basic

30 channels

Ch	Function	Default	DMX values
1	Control1	0	0–79 Normal 80–84 Reset all 85–87 Reset P/T 88–90 NoFeature 91–93 Store white balance enabled 94–96 NoFeature 1 97–99 Reset others 100–119 Program 1 120–139 Program 2 140–159 Program 3 160–179 Program 4 180–199 Program 5 200–219 Program 6 220–239 Program 7 240–255 Music Control
2	Shutter / Strobe	63	0–31 Closed 32–63 Open 64–94 min Strobe 95–95 max Strobe 96–127 Open 2 128–158 min Pulse 159–159 max Pulse 160–191 Open 3 192–222 Random · min Rnd 1–24.2 Hz 223–223 Random · maxRnd 25 Hz 224–255 Open 4
3	Dimmer	0	0–254 Closed 255–255 Open
4	Zoom	128	0–127 narrow 128–254 normal 255–255 wide
5	Pan	128	
6	Tilt	128	
7	Position MSpeed	0	0–224 max 225–225 min 226–235 BO by Movement 236–255 no function
8	Effect	0	0–14 Safe 15–30 Chase 1 31–46 Chase 2 47–62 Chase 3 63–78 Chase 4 79–94 Chase 5 95–110 Chase 6 111–126 Chase 7 127–142 Chase 8 143–158 Chase 9 159–174 Chase 10 175–190 CHase 11 191–206 Chase 12 207–222 CHase 13 223–238 Chase 14 239–255 Chase 15
9	Effect Speed	0	0–0 >>> 1–124 >> 125–125 > 126–130 Stop 131–131 < 132–254 < 255–255 <<<

Basic (continued)

Ch	Function	Default	DMX values
10	Effects1Fade	0	
11	Color Wheel	0	0–31 No function (wheel slot 1) 32–63 White2700k (wheel slot 2) 64–95 White3200k (wheel slot 3) 96–127 White4300k (wheel slot 4) 128–159 White5600k (wheel slot 5) 160–191 White6500k (wheel slot 6) 192–255 White8000k (wheel slot 7)
12	Color Calibration Mode	0	0–189 No function 190–254 Edit a new white balance 255–255 Store a new white balance
13	Red	255	
14	Green	255	
15	Blue	255	
16	White	0	
17	Red	255	
18	Green	255	
19	Blue	255	
20	White	0	
21	Red	255	
22	Green	255	
23	Blue	255	
24	White	0	
25	Red	255	
26	Green	255	
27	Blue	255	
28	White	0	
29	Pan Fine	128	Fine byte of Pan
30	Tilt Fine	128	Fine byte of Tilt