Terbly

A51-E



Manufacturer	**Terbly**
Type	**Effect light**
DMX modes	**3**
DMX footprint	**16, 29, 38 channels**
Beam angle	**10-64°**
Heads / cells	**3**
Size (W × H × D)	**364 × 387 × 239 mm**
GDTF fixture type	**BEBAFA06-4646-43BD-829D-C2…**

Controls

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

Safety-relevant functions

Service functions · Built-in effect programmes

DMX modes

Basic	16 ch
Standard	29 ch
Extended	38 ch

Basic

16 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	White	0	
5	Shutter / Strobe	40	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 · max Rnd 25 Hz 224–255 Open 4
6	Dimmer	0	0–254 Closed 255–255 Open
7	Dimmer Curve	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architectural 81–100 Theatre 101–255 Default
8	Zoom	127	0–126 narrow 127–254 normal 255–255 wide
9	Color Macro1	0	0–7 No function 8–39 Red to Yellow 40–71 Yellow to Green 72–103 Green to Cyan 104–135 Cyan to Blue 136–167 Blue to Magenta 168–199 Magenta to Red 200–231 Red to White 232–255 Cross fading

Basic (continued)

Ch	Function	Default	DMX values
10	Color Wheel	0	0–4 No function (wheel slot 1) 5–9 2700K (wheel slot 2) 10–14 3200K (wheel slot 3) 15–19 4300K (wheel slot 4) 20–24 5600K (wheel slot 5) 25–29 6500K (wheel slot 6) 30–34 8000K (wheel slot 7) 35–39 Red (wheel slot 8) 40–44 Green (wheel slot 9) 45–49 Blue (wheel slot 10) 50–54 Natural White (wheel slot 11) 55–59 Full White (wheel slot 12) 60–64 Yellow (wheel slot 13) 65–69 Magenta (wheel slot 14) 70–74 Cyan (wheel slot 15) 75–79 Salmon (wheel slot 16) 80–84 Turquoise (wheel slot 17) 85–89 Light Green (wheel slot 18) 90–94 Steel Blue (wheel slot 19) 95–99 Orange (wheel slot 20) 100–104 Straw (wheel slot 21) 105–109 Pale Lavander (wheel slot 22) 110–114 Pink (wheel slot 29) 115–119 Red/White (wheel slot 24) 120–124 Green/Red (wheel slot 25) 125–129 Blue/Red (wheel slot 26) 130–134 White/Red (wheel slot 27) 135–139 White/Pink (wheel slot 28) 140–144 White/Turquoise (wheel slot 29) 145–255 Small Red/White (wheel slot 30)
11	Dim	0	0–254 Open 255–255 Closed
12	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
13	Effect Speed	0	0–0 >>> 1–124 >> 125–125 > 126–130 Stop 131–131 < 132–254 << 255–255 <<<
14	Effects1Fade	0	
15	Color Calibration Mode	0	0–189 No function 190–254 Edit a new white balance 255–255 Store a new white balance

Basic (continued)

Ch	Function	Default	DMX values
16	Control1	0	0–79 Normal 80–84 Reset all 85–90 NoFeature 91–93 Srore white balance enabled 94–96 NoFeature 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 6 220–255 Program 7

Standard

29 channels

Ch	Function	Default	DMX values
1	Red	255	
2	Green	255	
3	Blue	255	
4	White	0	
5	Red	0	
6	Green	0	
7	Blue	0	
8	White	0	
9	Red	0	
10	Green	0	
11	Blue	0	
12	White	0	
13	Red	0	
14	Green	0	
15	Blue	0	
16	White	0	
17	Shutter / Strobe	40	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 · max Rnd 25 Hz 224–255 Open 4
18	Dimmer	0	0–254 Closed 255–255 Open
19	Dimmer Curve	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architectural 81–100 Theatre 101–255 Default

Standard (continued)

Ch	Function	Default	DMX values
20	Zoom	128	0–127 narrow 128–254 normal 255–255 wide
21	Zoom Fine	0	Fine byte of Zoom
22	Color Macro1	0	0–7 No function 8–39 Red to Yellow 40–71 Yellow to Green 72–103 Green to Cyan 104–135 Cyan to Blue 136–167 Blue to Magenta 168–199 Magenta to Red 200–231 Red to White 232–255 Cross fading
23	Color Wheel	0	0–4 No function (wheel slot 1) 5–9 2700K (wheel slot 2) 10–14 3200K (wheel slot 3) 15–19 4300K (wheel slot 4) 20–24 5600K (wheel slot 5) 25–29 6500K (wheel slot 6) 30–34 8000K (wheel slot 7) 35–39 Red (wheel slot 8) 40–44 Green (wheel slot 9) 45–49 Blue (wheel slot 10) 50–54 Natural White (wheel slot 11) 55–59 Full White (wheel slot 12) 60–64 Yellow (wheel slot 13) 65–69 Magenta (wheel slot 14) 70–74 Cyan (wheel slot 15) 75–79 Salmon (wheel slot 16) 80–84 Turquoise (wheel slot 17) 85–89 Light Green (wheel slot 18) 90–94 Steel Blue (wheel slot 19) 95–99 Orange (wheel slot 20) 100–104 Straw (wheel slot 21) 105–109 Pale Lavander (wheel slot 22) 110–114 Pink (wheel slot 29) 115–119 Red/White (wheel slot 24) 120–124 Green/Red (wheel slot 25) 125–129 Blue/Red (wheel slot 26) 130–134 White/Red (wheel slot 27) 135–139 White/Pink (wheel slot 28) 140–144 White/Turquoise (wheel slot 29) 145–255 Small Red/White (wheel slot 30)
24	Dim	0	0–254 Open 255–255 Closed
25	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

Standard (continued)

Ch	Function	Default	DMX values
26	Effect Speed	0	0–0 >>> 1–124 >> 125–125 > 126–130 Stop 131–131 < 132–254 < 255–255 <<<
27	Effects1Fade	0	
28	Color Calibration Mode	0	0–189 No function 190–254 Edit a new white balance 255–255 Store a new white balance
29	Control1	0	0–79 Normal 80–84 Reset all 85–90 NoFeature 91–93 Srore white balance enabled 94–96 NoFeature 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 6 220–255 Program 7

Extended

38 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Red Fine	0	Fine byte of Red
3	Green	0	
4	Green Fine	0	Fine byte of Green
5	Blue	0	
6	Blue Fine	0	Fine byte of Blue
7	White	0	
8	White Fine	0	Fine byte of White
9	Red	0	
10	Red Fine	0	Fine byte of Red
11	Green	0	
12	Green Fine	0	Fine byte of Green
13	Blue	0	
14	Blue Fine	0	Fine byte of Blue
15	White	0	
16	White Fine	0	Fine byte of White
17	Red	0	
18	Red Fine	0	Fine byte of Red
19	Green	0	
20	Green Fine	0	Fine byte of Green
21	Blue	0	
22	Blue Fine	0	Fine byte of Blue
23	White	0	

Extended (continued)

Ch	Function	Default	DMX values
24	White Fine	0	Fine byte of White
25	Shutter / Strobe	40	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 · max Rnd 25 Hz 224–255 Open 4
26	Dimmer	0	0–254 Closed 255–255 Open
27	Dimmer Fine	0	Fine byte of Dimmer
28	Dimmer Curve	0	0–20 Standard 21–40 Stage 41–60 TV 61–80 Architectural 81–100 Theatre 101–255 Default
29	Zoom	128	0–127 narrow 128–254 normal 255–255 wide
30	Zoom Fine	0	Fine byte of Zoom
31	Color Macro1	0	0–7 No function 8–39 Red to Yellow 40–71 Yellow to Green 72–103 Green to Cyan 104–135 Cyan to Blue 136–167 Blue to Magenta 168–199 Magenta to Red 200–231 Red to White 232–255 Cross fading

Extended (continued)

Ch	Function	Default	DMX values
32	Color Wheel	0	0–4 No function (wheel slot 1) 5–9 2700K (wheel slot 2) 10–14 3200K (wheel slot 3) 15–19 4300K (wheel slot 4) 20–24 5600K (wheel slot 5) 25–29 6500K (wheel slot 6) 30–34 8000K (wheel slot 7) 35–39 Red (wheel slot 8) 40–44 Green (wheel slot 9) 45–49 Blue (wheel slot 10) 50–54 Natural White (wheel slot 11) 55–59 Full White (wheel slot 12) 60–64 Yellow (wheel slot 13) 65–69 Magenta (wheel slot 14) 70–74 Cyan (wheel slot 15) 75–79 Salmon (wheel slot 16) 80–84 Turquoise (wheel slot 17) 85–89 Light Green (wheel slot 18) 90–94 Steel Blue (wheel slot 19) 95–99 Orange (wheel slot 20) 100–104 Straw (wheel slot 21) 105–109 Pale Lavander (wheel slot 22) 110–114 Pink (wheel slot 29) 115–119 Red/White (wheel slot 24) 120–124 Green/Red (wheel slot 25) 125–129 Blue/Red (wheel slot 26) 130–134 White/Red (wheel slot 27) 135–139 White/Pink (wheel slot 28) 140–144 White/Turquoise (wheel slot 29) 145–255 Small Red/White (wheel slot 30)
33	Dim	0	0–254 Open 255–255 Closed
34	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
35	Effect Speed	0	0–0 >>> 1–124 >> 125–125 > 126–130 Stop 131–131 < 132–254 << 255–255 <<<
36	Effects1Fade	0	
37	Color Calibration Mode	0	0–189 No function 190–254 Edit a new white balance 255–255 Store a new white balance

Extended (continued)

Ch	Function	Default	DMX values
38	Control1	0	0–79 Normal 80–84 Reset all 85–90 NoFeature 91–93 Srore white balance enabled 94–96 NoFeature 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 6 220–255 Program 7