Briteq

BTI-BLIZZARD LBEAM



Manufacturer	**Briteq**
Type	**Moving head**
DMX modes	**3**
DMX footprint	**19, 23, 25 channels**
Beam angle	**0.499999°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**219 × 344 × 219 mm**
GDTF fixture type	**3DD11C7D-292B-804C-527B-88…**

Controls

Focus · Prism · CMY colour mixing · Colour wheel · Strobe · Dimmer · Pan and tilt · Movement speed · Gobos · Gobo rotation

Safety-relevant functions

Fixture reset

DMX modes

Basic	19 ch
Standard	23 ch
Extended	25 ch

Basic

19 channels

Ch	Function	Default	DMX values
1	Pan	127	
2	Tilt	127	
3	Position MSpeed	0	0–254 Max speed 255–255 Min speed
4	Pan Rotate	0	0–127 Disabled 128–189 CW Spin 190–193 Stop 194–255 CCW Spin
5	Cyan	0	
6	Magenta	0	
7	Yellow	0	
8	Color Macro	0	0–10 Disabled 11–20 L106 21–30 L194 31–40 L019 41–50 R08 51–60 L213 61–70 R80 71–80 L202 81–90 L328 91–100 R3314 101–110 L101 111–128 L768 129–255 Index
9	Color Mix MSpeed	0	0–254 Max speed 255–255 Min speed

Basic (continued)

Ch	Function	Default	DMX values
10	Color Wheel	0	0–10 Open (wheel slot 1) 11–13 CTB (wheel slot 2) 14–16 Red (wheel slot 3) 17–19 Sky blue (wheel slot 4) 20–22 Magenta (wheel slot 5) 23–25 Green (wheel slot 6) 26–28 Spring yellow (wheel slot 7) 29–31 Light blue (wheel slot 8) 32–34 Light Rose (wheel slot 9) 35–37 Egg yolk yellow (wheel slot 10) 38–40 Dark lavender (wheel slot 11) 41–43 Congo blue (wheel slot 12) 44–46 Half plus green (wheel slot 13) 47–49 CTB (wheel slot 14) 50–52 CTO 3200K (wheel slot 15) 53–55 Forest Green (wheel slot 16) 56–58 Bright Red (wheel slot 17) 59–61 Orange (wheel slot 18) 62–64 Lime green (wheel slot 19) 65–67 Blue (wheel slot 20) 68–70 Split 1 (wheel slot 2) 71–73 Split 2 (wheel slot 3) 74–76 Split 3 (wheel slot 4) 77–79 Split 4 (wheel slot 5) 80–82 Split 5 (wheel slot 6) 83–85 Split 6 (wheel slot 7) 86–88 Split 7 (wheel slot 8) 89–91 Split 8 (wheel slot 9) 92–94 Split 9 (wheel slot 10) 95–97 Split 10 (wheel slot 11) 98–100 Split 11 (wheel slot 12) 101–103 Split 12 (wheel slot 13) 104–109 Split 13 (wheel slot 14) 110–112 Split 15 (wheel slot 15) 113–115 Split 16 (wheel slot 16) 116–118 Split 17 (wheel slot 17) 119–121 Split 18 (wheel slot 18) 122–123 Split 19 (wheel slot 19) 124–124 Split 20 (wheel slot 20) 125–183 Index 184–218 CW spin 219–220 Stop 221–255 CCW spin

Basic (continued)

Ch	Function	Default	DMX values
11	Gobo	0	0–10 Open (wheel slot 1) 11–13 Gobo 1 (wheel slot 2) 14–16 Gobo 2 (wheel slot 3) 17–19 Gobo 3 (wheel slot 4) 20–22 Gobo 4 (wheel slot 5) 23–25 Gobo 5 (wheel slot 6) 26–28 Gobo 6 (wheel slot 7) 29–31 Gobo 7 (wheel slot 8) 32–34 Gobo 8 (wheel slot 9) 35–37 Gobo 9 (wheel slot 10) 38–40 Gobo 10 (wheel slot 11) 41–43 Gobo 11 (wheel slot 12) 44–46 Gobo 12 (wheel slot 13) 47–52 Shake gobo 1 53–58 Shake gobo 2 59–64 Shake gobo 3 65–70 Shake gobo 4 71–76 Shake gobo 5 77–82 Shake gobo 6 83–88 Shake gobo 7 89–94 Shake gobo 8 95–100 Shake gobo 9 101–106 Shake gobo 10 107–112 Shake gobo 11 113–118 Shake gobo 12 119–127 Open 128–190 CW spin 191–192 Stop 193–255 CCW spin
12	Gobo Rotation	0	0–120 Index 121–125 NoFeature 1 126–165 Rotation shake 166–170 NoFeature 2 171–210 CW rotation 211–215 Stop 216–255 CCW rotation
13	Prism	0	0–10 Open 11–145 Index 146–150 NoFeature 1 151–200 CW rotation 201–205 Stop 206–255 CCW rotation
14	Prism	0	0–10 Open 11–145 Index 146–150 NoFeature 1 151–200 CW rotation 201–205 Stop 206–255 CCW rotation
15	Beam Shaper	0	0–63 Open (wheel slot 1) 64–127 Frost (wheel slot 2) 128–255 Multi-Color (wheel slot 3)
16	Focus	127	
17	Dimmer	0	0–254 Closed 255–255 Open

Basic (continued)

Ch	Function	Default	DMX values
18	Shutter / Strobe	0	0–4 Open 5–9 Closed 10–98 Min strobe 99–99 Max strobe 100–109 NoFeature 3 110–178 Lightning strobe · Min Lightning 179–179 Lightning strobe · Max Lighning 180–189 NoFeature 5 190–255 Random strobe
19	Control1	0	0–10 No function 11–20 P/T blackout enabled 21–30 P/T blackout disabled 31–40 Pan invert 41–50 Tilt invert 51–60 P/T invert disabled 61–70 Studio 71–80 Power 81–100 Live 101–110 Dim 4 111–120 Dim 3 121–130 Dim 2 131–140 Dim 1 141–150 Dom 0 151–160 1200Hz 161–170 2400Hz 171–180 4000Hz 181–190 6000Hz 191–200 25000Hz 201–210 Global reset 211–220 P/T reset 221–230 Color reset 231–240 Focus reset 241–255 Gobo reset

Standard

23 channels

Ch	Function	Default	DMX values
1	Pan	127	
2	Pan Fine	127	Fine byte of Pan
3	Tilt	127	
4	Tilt Fine	127	Fine byte of Tilt
5	Position MSpeed	0	0–254 Max speed 255–255 Min speed
6	Pan Rotate	0	0–127 Disabled 128–189 CW Spin 190–193 Stop 194–255 CCW Spin
7	Cyan	0	
8	Magenta	0	
9	Yellow	0	

Standard (continued)

Ch	Function	Default	DMX values
10	Color Macro	0	0–10 Disabled 11–20 L106 21–30 L194 31–40 L019 41–50 R08 51–60 L213 61–70 R80 71–80 L202 81–90 L328 91–100 R3314 101–110 L101 111–128 L768 129–255 Index
11	Color Mix MSpeed	0	0–254 Max speed 255–255 Min speed
12	Color Wheel	0	0–10 Open (wheel slot 1) 11–13 CTB (wheel slot 2) 14–16 Red (wheel slot 3) 17–19 Sky blue (wheel slot 4) 20–22 Magenta (wheel slot 5) 23–25 Green (wheel slot 6) 26–28 Spring yellow (wheel slot 7) 29–31 Light blue (wheel slot 8) 32–34 Light Rose (wheel slot 9) 35–37 Egg yolk yellow (wheel slot 10) 38–40 Dark lavender (wheel slot 11) 41–43 Congo blue (wheel slot 12) 44–46 Half plus green (wheel slot 13) 47–49 CTB (wheel slot 14) 50–52 CTO 3200K (wheel slot 15) 53–55 Forest Green (wheel slot 16) 56–58 Bright Red (wheel slot 17) 59–61 Orange (wheel slot 18) 62–64 Lime green (wheel slot 19) 65–67 Blue (wheel slot 20) 68–70 Split 1 (wheel slot 2) 71–73 Split 2 (wheel slot 3) 74–76 Split 3 (wheel slot 4) 77–79 Split 4 (wheel slot 5) 80–82 Split 5 (wheel slot 6) 83–85 Split 6 (wheel slot 7) 86–88 Split 7 (wheel slot 8) 89–91 Split 8 (wheel slot 9) 92–94 Split 9 (wheel slot 10) 95–97 Split 10 (wheel slot 11) 98–100 Split 11 (wheel slot 12) 101–103 Split 12 (wheel slot 13) 104–109 Split 13 (wheel slot 14) 110–112 Split 15 (wheel slot 15) 113–115 Split 16 (wheel slot 16) 116–118 Split 17 (wheel slot 17) 119–121 Split 18 (wheel slot 18) 122–123 Split 19 (wheel slot 19) 124–124 Split 20 (wheel slot 20) 125–183 Index 184–218 CW spin 219–220 Stop 221–255 CCW spin

Standard (continued)

Ch	Function	Default	DMX values
13	Gobo	0	0–10 Open (wheel slot 1) 11–13 Gobo 1 (wheel slot 2) 14–16 Gobo 2 (wheel slot 3) 17–19 Gobo 3 (wheel slot 4) 20–22 Gobo 4 (wheel slot 5) 23–25 Gobo 5 (wheel slot 6) 26–28 Gobo 6 (wheel slot 7) 29–31 Gobo 7 (wheel slot 8) 32–34 Gobo 8 (wheel slot 9) 35–37 Gobo 9 (wheel slot 10) 38–40 Gobo 10 (wheel slot 11) 41–43 Gobo 11 (wheel slot 12) 44–46 Gobo 12 (wheel slot 13) 47–52 Shake gobo 1 53–58 Shake gobo 2 59–64 Shake gobo 3 65–70 Shake gobo 4 71–76 Shake gobo 5 77–82 Shake gobo 6 83–88 Shake gobo 7 89–94 Shake gobo 8 95–100 Shake gobo 9 101–106 Shake gobo 10 107–112 Shake gobo 11 113–118 Shake gobo 12 119–127 Open 128–190 CW spin 191–192 Stop 193–255 CCW spin
14	Gobo Rotation	0	0–120 Index 121–125 NoFeature 1 126–165 Rotation shake 166–170 NoFeature 2 171–210 CW rotation 211–215 Stop 216–255 CCW rotation
15	Gobo Rotation Fine	0	Fine byte of Gobo Rotation
16	Prism	0	0–10 Open 11–145 Index 146–150 NoFeature 1 151–200 CW rotation 201–205 Stop 206–255 CCW rotation
17	Prism	0	0–10 Open 11–145 Index 146–150 NoFeature 1 151–200 CW rotation 201–205 Stop 206–255 CCW rotation
18	Beam Shaper	0	0–63 Open (wheel slot 1) 64–127 Frost (wheel slot 2) 128–255 Multi-Color (wheel slot 3)
19	Focus	127	
20	Dimmer	0	0–254 Closed 255–255 Open
21	Dimmer Fine	0	Fine byte of Dimmer

Standard (continued)

Ch	Function	Default	DMX values
22	Shutter / Strobe	0	0–4 Open 5–9 Closed 10–98 Min strobe 99–99 Max strobe 100–109 NoFeature 3 110–178 Lightning strobe · Min Lightning 179–179 Lightning strobe · Max Lighning 180–189 NoFeature 5 190–255 Random strobe
23	Control1	0	0–10 No function 11–20 P/T blackout enabled 21–30 P/T blackout disabled 31–40 Pan invert 41–50 Tilt invert 51–60 P/T invert disabled 61–70 Studio 71–80 Power 81–100 Live 101–110 Dim 4 111–120 Dim 3 121–130 Dim 2 131–140 Dim 1 141–150 Dom 0 151–160 1200Hz 161–170 2400Hz 171–180 4000Hz 181–190 6000Hz 191–200 25000Hz 201–210 Global reset 211–220 P/T reset 221–230 Color reset 231–240 Focus reset 241–255 Gobo reset

Extended

25 channels

Ch	Function	Default	DMX values
1	Pan	127	
2	Pan Fine	127	Fine byte of Pan
3	Tilt	127	
4	Tilt Fine	127	Fine byte of Tilt
5	Position MSpeed	0	0–254 Max speed 255–255 Min speed
6	Pan Rotate	0	0–127 Disabled 128–189 CW Spin 190–193 Stop 194–255 CCW Spin
7	Cyan	0	
8	Magenta	0	
9	Yellow	0	

Extended (continued)

Ch	Function	Default	DMX values
10	Color Macro	0	0–10 Disabled 11–20 L106 21–30 L194 31–40 L019 41–50 R08 51–60 L213 61–70 R80 71–80 L202 81–90 L328 91–100 R3314 101–110 L101 111–128 L768 129–255 Index
11	Color Mix MSpeed	0	0–254 Max speed 255–255 Min speed
12	Color Wheel	0	0–10 Open (wheel slot 1) 11–13 CTB (wheel slot 2) 14–16 Red (wheel slot 3) 17–19 Sky blue (wheel slot 4) 20–22 Magenta (wheel slot 5) 23–25 Green (wheel slot 6) 26–28 Spring yellow (wheel slot 7) 29–31 Light blue (wheel slot 8) 32–34 Light Rose (wheel slot 9) 35–37 Egg yolk yellow (wheel slot 10) 38–40 Dark lavender (wheel slot 11) 41–43 Congo blue (wheel slot 12) 44–46 Half plus green (wheel slot 13) 47–49 CTB (wheel slot 14) 50–52 CTO 3200K (wheel slot 15) 53–55 Forest Green (wheel slot 16) 56–58 Bright Red (wheel slot 17) 59–61 Orange (wheel slot 18) 62–64 Lime green (wheel slot 19) 65–67 Blue (wheel slot 20) 68–70 Split 1 (wheel slot 2) 71–73 Split 2 (wheel slot 3) 74–76 Split 3 (wheel slot 4) 77–79 Split 4 (wheel slot 5) 80–82 Split 5 (wheel slot 6) 83–85 Split 6 (wheel slot 7) 86–88 Split 7 (wheel slot 8) 89–91 Split 8 (wheel slot 9) 92–94 Split 9 (wheel slot 10) 95–97 Split 10 (wheel slot 11) 98–100 Split 11 (wheel slot 12) 101–103 Split 12 (wheel slot 13) 104–109 Split 13 (wheel slot 14) 110–112 Split 15 (wheel slot 15) 113–115 Split 16 (wheel slot 16) 116–118 Split 17 (wheel slot 17) 119–121 Split 18 (wheel slot 18) 122–123 Split 19 (wheel slot 19) 124–124 Split 20 (wheel slot 20) 125–183 Index 184–218 CW spin 219–220 Stop 221–255 CCW spin
13	Color Wheel Fine	0	Fine byte of Color Wheel

Extended (continued)

Ch	Function	Default	DMX values
14	Gobo	0	0–10 Open (wheel slot 1) 11–13 Gobo 1 (wheel slot 2) 14–16 Gobo 2 (wheel slot 3) 17–19 Gobo 3 (wheel slot 4) 20–22 Gobo 4 (wheel slot 5) 23–25 Gobo 5 (wheel slot 6) 26–28 Gobo 6 (wheel slot 7) 29–31 Gobo 7 (wheel slot 8) 32–34 Gobo 8 (wheel slot 9) 35–37 Gobo 9 (wheel slot 10) 38–40 Gobo 10 (wheel slot 11) 41–43 Gobo 11 (wheel slot 12) 44–46 Gobo 12 (wheel slot 13) 47–52 Shake gobo 1 53–58 Shake gobo 2 59–64 Shake gobo 3 65–70 Shake gobo 4 71–76 Shake gobo 5 77–82 Shake gobo 6 83–88 Shake gobo 7 89–94 Shake gobo 8 95–100 Shake gobo 9 101–106 Shake gobo 10 107–112 Shake gobo 11 113–118 Shake gobo 12 119–127 Open 128–190 CW spin 191–192 Stop 193–255 CCW spin
15	Gobo Rotation	0	0–120 Index 121–125 NoFeature 1 126–165 Rotation shake 166–170 NoFeature 2 171–210 CW rotation 211–215 Stop 216–255 CCW rotation
16	Gobo Rotation Fine	0	Fine byte of Gobo Rotation
17	Prism	0	0–10 Open 11–145 Index 146–150 NoFeature 1 151–200 CW rotation 201–205 Stop 206–255 CCW rotation
18	Prism	0	0–10 Open 11–145 Index 146–150 NoFeature 1 151–200 CW rotation 201–205 Stop 206–255 CCW rotation
19	Beam Shaper	0	0–63 Open (wheel slot 1) 64–127 Frost (wheel slot 2) 128–255 Multi-Color (wheel slot 3)
20	Focus	127	
21	Focus Fine	127	Fine byte of Focus
22	Dimmer	0	0–254 Closed 255–255 Open
23	Dimmer Fine	0	Fine byte of Dimmer

Extended (continued)

Ch	Function	Default	DMX values
24	Shutter / Strobe	0	0–4 Open 5–9 Closed 10–98 Min strobe 99–99 Max strobe 100–109 NoFeature 3 110–178 Lightning strobe · Min Lightning 179–179 Lightning strobe · Max Lighning 180–189 NoFeature 5 190–255 Random strobe
25	Control1	0	0–10 No function 11–20 P/T blackout enabled 21–30 P/T blackout disabled 31–40 Pan invert 41–50 Tilt invert 51–60 P/T invert disabled 61–70 Studio 71–80 Power 81–100 Live 101–110 Dim 4 111–120 Dim 3 121–130 Dim 2 131–140 Dim 1 141–150 Dom 0 151–160 1200Hz 161–170 2400Hz 171–180 4000Hz 181–190 6000Hz 191–200 25000Hz 201–210 Global reset 211–220 P/T reset 221–230 Color reset 231–240 Focus reset 241–255 Gobo reset