Briteq

BTI-BLIZZARD BSW2



Manufacturer	**Briteq**
Type	**Moving head**
DMX modes	**3**
DMX footprint	**22, 26, 29 channels**
Beam angle	**3-33°**
Pan range	**540°**
Tilt range	**220°**
Size (W × H × D)	**240 × 450 × 220 mm**
GDTF fixture type	**9C15D3F9-1206-41E8-870E-0F4…**

Controls

Focus · Frost · Prism · Zoom · Extra LED colours · Colour wheel · Strobe · Dimmer · Movement speed · Animation wheel · Gobos · Gobo rotation

Safety-relevant functions

Fixture reset · Strobe

DMX modes

Basic	22 ch
Standard	26 ch
Extended	29 ch

Basic

22 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Tilt	128	
3	Position MSpeed	0	
4	Color RGBCyan	0	
5	Color RGBMagenta	0	
6	Color RGBYellow	0	
7	Color Macro1	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 111–120 L768 121–128 Disabled 129–255 CMY fade
8	Color Mix MSpeed	0	
9	Color Wheel	0	0–7 Open (wheel slot 1) 8–15 Deep Red (wheel slot 2) 16–23 Deep Blue (wheel slot 3) 24–31 Green (wheel slot 4) 32–39 Lavender (wheel slot 5) 40–47 Lime (wheel slot 6) 48–55 CTO (wheel slot 7) 56–63 Congo Blue (wheel slot 8) 64–191 Index 192–192 Spin CW Max 193–221 Spin CW <> 222–222 Spin CW min 223–224 Stop 225–225 Spin CCW min 226–254 Spin CCW <> 255–255 Spin CCW max

Basic (continued)

Ch	Function	Default	DMX values
10	Gobo	0	0–10 Open (wheel slot 1) 11–18 Gobo 1 (wheel slot 2) 19–26 Gobo 2 (wheel slot 3) 27–34 Gobo 3 (wheel slot 4) 35–42 Gobo 4 (wheel slot 5) 43–50 Gobo 5 (wheel slot 6) 51–58 Gobo 6 (wheel slot 7) 59–66 Gobo 7 (wheel slot 8) 67–74 Gobo 1 (wheel slot 2) 75–82 Gobo 2 (wheel slot 3) 83–90 Gobo 3 (wheel slot 4) 91–98 Gobo 4 (wheel slot 5) 99–106 Gobo 5 (wheel slot 6) 107–114 Gobo 6 (wheel slot 7) 115–122 Gobo 7 (wheel slot 8) 123–127 Open (wheel slot 1) 128–128 Spin CW max 129–189 Spin CW <> 190–190 Spin CW min 191–192 Stop 193–193 Spin CCW min 194–254 Spin CCW <> 255–255 Spin CCW max
11	Gobo Rotation	0	0–120 Index 121–121 Stop 122–122 RotShake min 123–164 RotShake <> 165–165 RotShake max 166–169 Stop 170–170 Rot CW max 171–209 Rot CW <> 210–210 Rot CW min 211–215 Stop 216–216 Rot CCW min 217–254 Rot CCW <> 255–255 Rot CCW max
12	Gobo 2	0	0–10 Open (wheel slot 1) 11–18 Gobo 1 (wheel slot 2) 19–26 Gobo 2 (wheel slot 3) 27–34 Gobo 3 (wheel slot 4) 35–42 Gobo 4 (wheel slot 5) 43–50 Gobo 5 (wheel slot 6) 51–58 Gobo 6 (wheel slot 7) 59–66 Gobo 7 (wheel slot 8) 67–74 Gobo 1 (wheel slot 2) 75–82 Gobo 2 (wheel slot 3) 83–90 Gobo 3 (wheel slot 4) 91–98 Gobo 4 (wheel slot 5) 99–106 Gobo 5 (wheel slot 6) 107–114 Gobo 6 (wheel slot 7) 115–122 Gobo 7 (wheel slot 8) 123–127 Open (wheel slot 1) 128–128 Spin CW max 129–189 Spin CW <> 190–190 Spin CW min 191–192 Stop 193–193 Spin CCW min 194–254 Spin CCW <> 255–255 Spin CCW max
13	Animation Wheel1	0	

Basic (continued)

Ch	Function	Default	DMX values
14	Animation Wheel1Pos	0	0–128 Index 129–129 Spin CW max 130–190 Spin CW <> 191–191 Spin CW min 192–192 Stop 193–193 Spin CCW min 194–254 Spin CCW <> 255–255 Spin CCW max
15	Prism	0	0–10 Open 11–145 Index 146–150 No function 151–151 Spin CW max 152–199 Spin CW <> 200–200 Spin CW min 201–205 Stop 206–206 Spin CCW min 207–254 Spin CCW <> 255–255 Spin CCW max
16	Frost1	0	0–10 Open 11–255 Frost
17	Zoom	0	
18	Focus	0	
19	Focus1Distance	0	0–12 Disbled 13–39 5m 40–66 7m 67–93 9m 94–120 11m 121–147 13m 148–174 15m 175–201 17m 202–228 19m 229–255 21m
20	Dimmer	0	0–254 Closed 255–255 Open
21	Shutter / Strobe	0	0–9 Open 10–10 Min strobe 11–98 Strobe <> 99–99 Max strobe 100–109 Open 110–110 Min Lightning strobe 111–178 Lightning strobe <> 179–179 Max lightning strobe 180–189 Open 190–255 Random strobe

Basic (continued)

Ch	Function	Default	DMX values
22	Control1	0	0–10 No function 11–20 BO P/T enable 21–30 BO P/T Disable 31–40 Pan invert On 41–50 Tilt invert On 51–60 Pan/Tilt invert Off 61–70 Fan mode: Studio 71–80 Fan mode: Power 81–100 Fan mode: Live 101–110 Dim4 111–120 Dim3 121–130 Dim2 131–140 Dim1 141–150 Dim0 151–160 1200Hz 161–170 2400Hz 171–180 4000Hz 181–190 6000Hz 191–200 25000Hz 201–210 Reset All 211–220 Reset P/T 221–230 Reset Color 231–240 Reset Zoom/Focus 241–255 Reset Gono

Standard

26 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	128	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	128	Fine byte of Tilt
5	Position MSpeed	0	
6	Color RGBCyan	0	
7	Color RGBMagenta	0	
8	Color RGBYellow	0	
9	Color Macro1	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 111–120 L768 121–128 Disabled 129–255 CMY fade
10	Color Mix MSpeed	0	

Standard (continued)

Ch	Function	Default	DMX values
11	Color Wheel	0	0–7 Open (wheel slot 1) 8–15 Deep Red (wheel slot 2) 16–23 Deep Blue (wheel slot 3) 24–31 Green (wheel slot 4) 32–39 Lavender (wheel slot 5) 40–47 Lime (wheel slot 6) 48–55 CTO (wheel slot 7) 56–63 Congo Blue (wheel slot 8) 64–191 Index 192–192 Spin CW Max 193–221 Spin CW <> 222–222 Spin CW min 223–224 Stop 225–225 Spin CCW min 226–254 Spin CCW <> 255–255 Spin CCW max
12	Gobo	0	0–10 Open (wheel slot 1) 11–18 Gobo 1 (wheel slot 2) 19–26 Gobo 2 (wheel slot 3) 27–34 Gobo 3 (wheel slot 4) 35–42 Gobo 4 (wheel slot 5) 43–50 Gobo 5 (wheel slot 6) 51–58 Gobo 6 (wheel slot 7) 59–66 Gobo 7 (wheel slot 8) 67–74 Gobo 1 (wheel slot 2) 75–82 Gobo 2 (wheel slot 3) 83–90 Gobo 3 (wheel slot 4) 91–98 Gobo 4 (wheel slot 5) 99–106 Gobo 5 (wheel slot 6) 107–114 Gobo 6 (wheel slot 7) 115–122 Gobo 7 (wheel slot 8) 123–127 Open (wheel slot 1) 128–128 Spin CW max 129–189 Spin CW <> 190–190 Spin CW min 191–192 Stop 193–193 Spin CCW min 194–254 Spin CCW <> 255–255 Spin CCW max
13	Gobo Rotation	0	0–120 Index 121–121 Stop 122–122 RotShake min 123–164 RotShake <> 165–165 RotShake max 166–169 Stop 170–170 Rot CW max 171–209 Rot CW <> 210–210 Rot CW min 211–215 Stop 216–216 Rot CCW min 217–254 Rot CCW <> 255–255 Rot CCW max
14	Gobo Rotation Fine	0	Fine byte of Gobo Rotation

Standard (continued)

Ch	Function	Default	DMX values
15	Gobo 2	0	0–10 Open (wheel slot 1) 11–18 Gobo 1 (wheel slot 2) 19–26 Gobo 2 (wheel slot 3) 27–34 Gobo 3 (wheel slot 4) 35–42 Gobo 4 (wheel slot 5) 43–50 Gobo 5 (wheel slot 6) 51–58 Gobo 6 (wheel slot 7) 59–66 Gobo 7 (wheel slot 8) 67–74 Gobo 1 (wheel slot 2) 75–82 Gobo 2 (wheel slot 3) 83–90 Gobo 3 (wheel slot 4) 91–98 Gobo 4 (wheel slot 5) 99–106 Gobo 5 (wheel slot 6) 107–114 Gobo 6 (wheel slot 7) 115–122 Gobo 7 (wheel slot 8) 123–127 Open (wheel slot 1) 128–128 Spin CW max 129–189 Spin CW <> 190–190 Spin CW min 191–192 Stop 193–193 Spin CCW min 194–254 Spin CCW <> 255–255 Spin CCW max
16	Animation Wheel1	0	
17	Animation Wheel1Pos	0	0–128 Index 129–129 Spin CW max 130–190 Spin CW <> 191–191 Spin CW min 192–192 Stop 193–193 Spin CCW min 194–254 Spin CCW <> 255–255 Spin CCW max
18	Prism	0	0–10 Open 11–145 Index 146–150 No function 151–151 Spin CW max 152–199 Spin CW <> 200–200 Spin CW min 201–205 Stop 206–206 Spin CCW min 207–254 Spin CCW <> 255–255 Spin CCW max
19	Frost1	0	0–10 Open 11–255 Frost
20	Zoom	0	
21	Focus	0	
22	Focus1Distance	0	0–12 Disbled 13–39 5m 40–66 7m 67–93 9m 94–120 11m 121–147 13m 148–174 15m 175–201 17m 202–228 19m 229–255 21m
23	Dimmer	0	0–254 Closed 255–255 Open
24	Dimmer Fine	0	Fine byte of Dimmer

Standard (continued)

Ch	Function	Default	DMX values
25	Shutter / Strobe	0	0–9 Open 10–10 Min strobe 11–98 Strobe <> 99–99 Max strobe 100–109 Open 110–110 Min Lightning strobe 111–178 Lightning strobe <> 179–179 Max lightning strobe 180–189 Open 190–255 Random strobe
26	Control1	0	0–10 No function 11–20 BO P/T enable 21–30 BO P/T Disable 31–40 Pan invert On 41–50 Tilt invert On 51–60 Pan/Tilt invert Off 61–70 Fan mode: Studio 71–80 Fan mode: Power 81–100 Fan mode: Live 101–110 Dim4 111–120 Dim3 121–130 Dim2 131–140 Dim1 141–150 Dim0 151–160 1200Hz 161–170 2400Hz 171–180 4000Hz 181–190 6000Hz 191–200 25000Hz 201–210 Reset All 211–220 Reset P/T 221–230 Reset Color 231–240 Reset Zoom/Focus 241–255 Reset Gono

Extended

29 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	128	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	128	Fine byte of Tilt
5	Position MSpeed	0	
6	Color RGBCyan	0	
7	Color RGBMagenta	0	
8	Color RGBYellow	0	

Extended (continued)

Ch	Function	Default	DMX values
9	Color Macro1	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 111–120 L768 121–128 Disabled 129–255 CMY fade
10	Color Mix MSpeed	0	
11	Color Wheel	0	0–7 Open (wheel slot 1) 8–15 Deep Red (wheel slot 2) 16–23 Deep Blue (wheel slot 3) 24–31 Green (wheel slot 4) 32–39 Lavender (wheel slot 5) 40–47 Lime (wheel slot 6) 48–55 CTO (wheel slot 7) 56–63 Congo Blue (wheel slot 8) 64–191 Index 192–192 Spin CW Max 193–221 Spin CW <> 222–222 Spin CW min 223–224 Stop 225–225 Spin CCW min 226–254 Spin CCW <> 255–255 Spin CCW max
12	Color Wheel Fine	0	Fine byte of Color Wheel
13	Gobo	0	0–10 Open (wheel slot 1) 11–18 Gobo 1 (wheel slot 2) 19–26 Gobo 2 (wheel slot 3) 27–34 Gobo 3 (wheel slot 4) 35–42 Gobo 4 (wheel slot 5) 43–50 Gobo 5 (wheel slot 6) 51–58 Gobo 6 (wheel slot 7) 59–66 Gobo 7 (wheel slot 8) 67–74 Gobo 1 (wheel slot 2) 75–82 Gobo 2 (wheel slot 3) 83–90 Gobo 3 (wheel slot 4) 91–98 Gobo 4 (wheel slot 5) 99–106 Gobo 5 (wheel slot 6) 107–114 Gobo 6 (wheel slot 7) 115–122 Gobo 7 (wheel slot 8) 123–127 Open (wheel slot 1) 128–128 Spin CW max 129–189 Spin CW <> 190–190 Spin CW min 191–192 Stop 193–193 Spin CCW min 194–254 Spin CCW <> 255–255 Spin CCW max

Extended (continued)

Ch	Function	Default	DMX values
14	Gobo Rotation	0	0–120 Index 121–121 Stop 122–122 RotShake min 123–164 RotShake <> 165–165 RotShake max 166–169 Stop 170–170 Rot CW max 171–209 Rot CW <> 210–210 Rot CW min 211–215 Stop 216–216 Rot CCW min 217–254 Rot CCW <> 255–255 Rot CCW max
15	Gobo Rotation Fine	0	Fine byte of Gobo Rotation
16	Gobo 2	0	0–10 Open (wheel slot 1) 11–18 Gobo 1 (wheel slot 2) 19–26 Gobo 2 (wheel slot 3) 27–34 Gobo 3 (wheel slot 4) 35–42 Gobo 4 (wheel slot 5) 43–50 Gobo 5 (wheel slot 6) 51–58 Gobo 6 (wheel slot 7) 59–66 Gobo 7 (wheel slot 8) 67–74 Gobo 1 (wheel slot 2) 75–82 Gobo 2 (wheel slot 3) 83–90 Gobo 3 (wheel slot 4) 91–98 Gobo 4 (wheel slot 5) 99–106 Gobo 5 (wheel slot 6) 107–114 Gobo 6 (wheel slot 7) 115–122 Gobo 7 (wheel slot 8) 123–127 Open (wheel slot 1) 128–128 Spin CW max 129–189 Spin CW <> 190–190 Spin CW min 191–192 Stop 193–193 Spin CCW min 194–254 Spin CCW <> 255–255 Spin CCW max
17	Animation Wheel1	0	
18	Animation Wheel1Pos	0	0–128 Index 129–129 Spin CW max 130–190 Spin CW <> 191–191 Spin CW min 192–192 Stop 193–193 Spin CCW min 194–254 Spin CCW <> 255–255 Spin CCW max
19	Prism	0	0–10 Open 11–145 Index 146–150 No function 151–151 Spin CW max 152–199 Spin CW <> 200–200 Spin CW min 201–205 Stop 206–206 Spin CCW min 207–254 Spin CCW <> 255–255 Spin CCW max
20	Frost1	0	0–10 Open 11–255 Frost
21	Zoom	0	
22	Zoom Fine	0	Fine byte of Zoom

Extended (continued)

Ch	Function	Default	DMX values
23	Focus	0	
24	Focus Fine	0	Fine byte of Focus
25	Focus1Distance	0	0–12 Disbled 13–39 5m 40–66 7m 67–93 9m 94–120 11m 121–147 13m 148–174 15m 175–201 17m 202–228 19m 229–255 21m
26	Dimmer	0	0–254 Closed 255–255 Open
27	Dimmer Fine	0	Fine byte of Dimmer
28	Shutter / Strobe	0	0–9 Open 10–10 Min strobe 11–98 Strobe <> 99–99 Max strobe 100–109 Open 110–110 Min Lightning strobe 111–178 Lightning strobe <> 179–179 Max lightning strobe 180–189 Open 190–255 Random strobe
29	Control1	0	0–10 No function 11–20 BO P/T enable 21–30 BO P/T Disable 31–40 Pan invert On 41–50 Tilt invert On 51–60 Pan/Tilt invert Off 61–70 Fan mode: Studio 71–80 Fan mode: Power 81–100 Fan mode: Live 101–110 Dim4 111–120 Dim3 121–130 Dim2 131–140 Dim1 141–150 Dim0 151–160 1200Hz 161–170 2400Hz 171–180 4000Hz 181–190 6000Hz 191–200 25000Hz 201–210 Reset All 211–220 Reset P/T 221–230 Reset Color 231–240 Reset Zoom/Focus 241–255 Reset Gono