Briteq

BTI-BLIZZARD PROFILE



Manufacturer	**Briteq**
Type	**Profile spot**
DMX modes	**3**
DMX footprint	**35, 41, 44 channels**
Beam angle	**6-48°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**300 × 522 × 240 mm**
GDTF fixture type	**9F62D405-504A-488C-AD7A-4C…**

Controls

Focus · Frost · Iris · Prism · Zoom · CMY colour mixing · Colour temperature · Colour wheel · Strobe · Dimmer · Pan and tilt · Movement speed · Animation wheel · Gobos · Gobo rotation

Safety-relevant functions

Fixture reset

DMX modes

Basic (35Ch)	35 ch
Standard (41Ch)	41 ch
Extended (44Ch)	44 ch

Basic (35Ch)

35 channels

Ch	Function	Default	DMX values
1	Pan	127	
2	Tilt	127	
3	Position MSpeed	0	
4	Cyan	0	
5	Magenta	0	
6	Yellow	0	
7	C TC	0	
8	Color Macro1	0	0–19 Disabled (wheel slot 1) 20–21 3000K (wheel slot 2) 22–23 3200K (wheel slot 3) 24–25 3500K (wheel slot 4) 26–27 4000K (wheel slot 5) 28–29 4500K (wheel slot 6) 30–31 5000K (wheel slot 7) 32–33 5400K (wheel slot 8) 34–35 5600K (wheel slot 9) 36–37 6000K (wheel slot 10) 38–39 6500K (wheel slot 11) 40–41 6800K (wheel slot 12) 42–43 L106 (wheel slot 13) 44–45 L194 (wheel slot 14) 46–47 L019 (wheel slot 15) 48–49 R08 (wheel slot 16) 50–51 L213 (wheel slot 17) 52–53 R80 (wheel slot 18) 54–55 L202 (wheel slot 19) 56–57 L328 (wheel slot 20) 58–59 R3314 (wheel slot 21) 60–61 L101 (wheel slot 22) 62–63 L768 (wheel slot 23) 64–255 RGB Scroll
9	Color Mix MSpeed	0	
10	Color Wheel	0	0–7 Open (wheel slot 1) 8–15 Wheel Slot 1 (wheel slot 2) 16–23 Wheel Slot 2 (wheel slot 3) 24–31 Wheel Slot 3 (wheel slot 4) 32–39 Wheel Slot 4 (wheel slot 5) 40–47 Wheel Slot 5 (wheel slot 6) 48–55 Wheel Slot 6 (wheel slot 7) 56–63 Wheel Slot 7 (wheel slot 8) 64–191 Color1WheelIndex 192–192 CW Spin max 193–221 CW Spin <> 222–222 CW spin min 223–224 Stop 225–225 CCW Spin min 226–254 CCW Spin <> 255–255 CCW Spin max

Basic (35Ch) (continued)

Ch	Function	Default	DMX values
11	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 128–128 CW Spin max 129–189 CW Spin <> 190–190 CW Spin min 191–192 Stop 193–193 CCW Spin min 194–254 CCW Spin <> 255–255 CCW Spin max
12	Gobo Rotation	0	0–125 Gobo1Pos 126–164 Shake min 165–165 Shake max 166–170 Stop 171–171 CW Rot max 172–209 CW Rot <> 210–210 CW Rot max 211–215 Stop 216–216 CCW Rot min 217–254 CCW Rot <> 255–255 CCW Rot max
13	Gobo 2	0	0–10 Open (wheel slot 1) 11–15 Gobo 1 (wheel slot 2) 16–20 Gobo 2 (wheel slot 3) 21–25 Gobo 3 (wheel slot 4) 26–30 Gobo 4 (wheel slot 5) 31–35 Gobo 5 (wheel slot 6) 36–40 Gobo 6 (wheel slot 7) 41–45 Gobo 7 (wheel slot 8) 46–50 Gobo 8 (wheel slot 9) 51–55 Gobo 9 (wheel slot 10) 56–60 Gobo 10 (wheel slot 11) 61–65 Gobo 1 (wheel slot 2) 66–70 Gobo 2 (wheel slot 3) 71–75 Gobo 3 (wheel slot 4) 76–80 Gobo 4 (wheel slot 5) 81–85 Gobo 5 (wheel slot 6) 86–90 Gobo 6 (wheel slot 7) 91–95 Gobo 7 (wheel slot 8) 96–100 Gobo 8 (wheel slot 9) 101–105 Gobo 9 (wheel slot 10) 106–110 Gobo 10 (wheel slot 11) 111–127 Open (wheel slot 1) 128–255 Gobo2WheelSpin 3
14	Animation Wheel1	0	0–0 Disabled (wheel slot 1) 1–255 Animation Wheel (wheel slot 2)

Basic (35Ch) (continued)

Ch	Function	Default	DMX values
15	Animation Wheel1Pos	132	0–10 Stop 11–11 CW Rot min 12–126 CW Rot <> 127–127 CW Rot max 128–138 Stop 139–139 CCW Rot max 140–254 CCW Rot <> 255–255 CCW Rot min
16	Prism	0	0–10 Open (wheel slot 1) 11–145 Prism index (wheel slot 2) 146–150 No feature (wheel slot 2) 151–151 CW Rot max 152–199 CW Rot <> 200–200 CW Rot min 201–205 Stop 206–206 CCW Rot min 207–254 CCW Rot <> 255–255 CCW Rot max
17	Frost1	0	
18	Frost2	0	
19	Iris	0	0–127 Iris 128–130 Closed 131–171 IrisStrobe 172–251 IrisStrobeRandom 252–255 Closed
20	Zoom	127	0–254 Wide 255–255 Narrow
21	Focus	127	
22	Focus1Distance	0	0–12 Disabled 13–39 5 meter 40–66 7 meter 67–93 9 meter 94–120 11 meter 121–147 13 meter 148–174 15 meter 175–201 17 meter 202–228 19 meter 229–255 21 meter
23	Focus1Distance Fine	0	Fine byte of Focus1Distance
24	Blade1A	0	
25	Blade1B	0	
26	Blade2A	0	
27	Blade2B	0	
28	Blade4A	0	
29	Blade4B	0	
30	Blade3A	0	
31	Blade3B	0	
32	Shaper Rot	0	
33	Dimmer	0	0–254 Closed 255–255 Open

Basic (35Ch) (continued)

Ch	Function	Default	DMX values
34	Shutter / Strobe	8	0–9 Open 10–98 Min strobe 99–99 Max strobe 100–109 Open 110–178 Lightning strobe · Min lighting 0–24.6 Hz 179–179 Lightning strobe · Max lighting 25 Hz 180–189 Open 2 190–255 Random strobe
35	Control1	0	0–10 No function 11–20 BO on PT enabled 21–30 BO on PT Disabled 31–40 Pan invert 41–50 Tilt invert 51–60 Pan/Tilt Normal 61–70 Studio mode 71–80 Power mode 81–100 Live mode 101–110 Dim 4 111–120 Dim 3 121–130 Dim 2 131–140 Dim 1 141–150 Dim off 151–160 1200Hz 161–170 2400Hz 171–180 4000Hz 181–190 6000Hz 191–200 25000Hz 201–210 Reset All 211–220 Pan/Tilt reset 221–230 Color reset 231–240 Focus reset 241–255 Framing reset

Standard (41Ch)

41 channels

Ch	Function	Default	DMX values
1	Pan	127	
2	Pan Fine	255	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	Position MSpeed	0	
6	Cyan	0	
7	Magenta	0	
8	Yellow	0	
9	C TC	0	

Standard (41Ch) (continued)

Ch	Function	Default	DMX values
10	Color Macro1	0	0–19 Disabled (wheel slot 1) 20–21 3000K (wheel slot 2) 22–23 3200K (wheel slot 3) 24–25 3500K (wheel slot 4) 26–27 4000K (wheel slot 5) 28–29 4500K (wheel slot 6) 30–31 5000K (wheel slot 7) 32–33 5400K (wheel slot 8) 34–35 5600K (wheel slot 9) 36–37 6000K (wheel slot 10) 38–39 6500K (wheel slot 11) 40–41 6800K (wheel slot 12) 42–43 L106 (wheel slot 13) 44–45 L194 (wheel slot 14) 46–47 L019 (wheel slot 15) 48–49 R08 (wheel slot 16) 50–51 L213 (wheel slot 17) 52–53 R80 (wheel slot 18) 54–55 L202 (wheel slot 19) 56–57 L328 (wheel slot 20) 58–59 R3314 (wheel slot 21) 60–61 L101 (wheel slot 22) 62–63 L768 (wheel slot 23) 64–255 RGB Scroll
11	Color Mix MSpeed	0	
12	Color Wheel	0	0–7 Open (wheel slot 1) 8–15 Wheel Slot 1 (wheel slot 2) 16–23 Wheel Slot 2 (wheel slot 3) 24–31 Wheel Slot 3 (wheel slot 4) 32–39 Wheel Slot 4 (wheel slot 5) 40–47 Wheel Slot 5 (wheel slot 6) 48–55 Wheel Slot 6 (wheel slot 7) 56–63 Wheel Slot 7 (wheel slot 8) 64–191 Color1WheelIndex 192–192 CW Spin max 193–221 CW Spin <> 222–222 CW spin min 223–224 Stop 225–225 CCW Spin min 226–254 CCW Spin <> 255–255 CCW Spin max

Standard (41Ch) (continued)

Ch	Function	Default	DMX values
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 128–128 CW Spin max 129–189 CW Spin <> 190–190 CW Spin min 191–192 Stop 193–193 CCW Spin min 194–254 CCW Spin <> 255–255 CCW Spin max
14	Gobo Rotation	0	0–125 Gobo1Pos 126–164 Shake min 165–165 Shake max 166–170 Stop 171–210 CW Rot max 211–215 Stop 216–254 CCW Rot min 255–255 CCW Rot max
15	Gobo Rotation Fine	0	Fine byte of Gobo Rotation
16	Gobo 2	0	0–10 Open (wheel slot 1) 11–15 Gobo 1 (wheel slot 2) 16–20 Gobo 2 (wheel slot 3) 21–25 Gobo 3 (wheel slot 4) 26–30 Gobo 4 (wheel slot 5) 31–35 Gobo 5 (wheel slot 6) 36–40 Gobo 6 (wheel slot 7) 41–45 Gobo 7 (wheel slot 8) 46–50 Gobo 8 (wheel slot 9) 51–55 Gobo 9 (wheel slot 10) 56–60 Gobo 10 (wheel slot 11) 61–65 Gobo 1 (wheel slot 2) 66–70 Gobo 2 (wheel slot 3) 71–75 Gobo 3 (wheel slot 4) 76–80 Gobo 4 (wheel slot 5) 81–85 Gobo 5 (wheel slot 6) 86–90 Gobo 6 (wheel slot 7) 91–95 Gobo 7 (wheel slot 8) 96–100 Gobo 8 (wheel slot 9) 101–105 Gobo 9 (wheel slot 10) 106–110 Gobo 10 (wheel slot 11) 111–127 Open (wheel slot 1) 128–255 Gobo2WheelSpin 3
17	Animation Wheel1	0	0–0 Disabled (wheel slot 1) 1–255 Animation Wheel (wheel slot 2)

Standard (41Ch) (continued)

Ch	Function	Default	DMX values
18	Animation Wheel1Pos	132	0–10 Stop 11–11 CW Rot min 12–126 CW Rot <> 127–127 CW Rot max 128–138 Stop 139–139 CCW Rot max 140–254 CCW Rot <> 255–255 CCW Rot min
19	Prism	0	0–10 Open (wheel slot 1) 11–145 Prism index (wheel slot 2) 146–150 No feature (wheel slot 2) 151–151 CW Rot max 152–199 CW Rot <> 200–200 CW Rot min 201–205 Stop 206–206 CCW Rot min 207–254 CCW Rot <> 255–255 CCW Rot max
20	Frost1	0	
21	Frost2	0	
22	Iris	0	0–127 Iris 128–130 Closed 131–171 IrisStrobe 172–251 IrisStrobeRandom 252–255 Closed
23	Zoom	128	0–254 Wide 255–255 Narrow
24	Zoom Fine	0	Fine byte of Zoom
25	Focus	128	
26	Focus Fine	0	Fine byte of Focus
27	Focus1Distance	0	0–12 Disabled 13–39 5 meter 40–66 7 meter 67–93 9 meter 94–120 11 meter 121–147 13 meter 148–174 15 meter 175–201 17 meter 202–228 19 meter 229–255 21 meter
28	Focus1Distance Fine	0	Fine byte of Focus1Distance
29	Blade1A	0	
30	Blade1B	0	
31	Blade2A	0	
32	Blade2B	0	
33	Blade4A	0	
34	Blade4B	0	
35	Blade3A	0	
36	Blade3B	0	
37	Shaper Rot	0	
38	Dimmer	0	0–254 Closed 255–255 Open
39	Dimmer Fine	0	Fine byte of Dimmer

Standard (41Ch) (continued)

Ch	Function	Default	DMX values
40	Shutter / Strobe	8	0–9 Open 10–98 Min strobe 99–99 Max strobe 100–109 Open 110–178 Lightning strobe · Min lighting 0–24.6 Hz 179–179 Lightning strobe · Max lighting 25 Hz 180–189 Open 2 190–255 Random strobe
41	Control1	0	0–10 No function 11–20 BO on PT enabled 21–30 BO on PT Disabled 31–40 Pan invert 41–50 Tilt invert 51–60 Pan/Tilt Normal 61–70 Studio mode 71–80 Power mode 81–100 Live mode 101–110 Dim 4 111–120 Dim 3 121–130 Dim 2 131–140 Dim 1 141–150 Dim off 151–160 1200Hz 161–170 2400Hz 171–180 4000Hz 181–190 6000Hz 191–200 25000Hz 201–210 Reset All 211–220 Pan/Tilt reset 221–230 Color reset 231–240 Focus reset 241–255 Framing reset

Extended (44Ch)

44 channels

Ch	Function	Default	DMX values
1	Pan	0	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	0	
4	Tilt Fine	0	Fine byte of Tilt
5	Position MSpeed	0	
6	Cyan	0	
7	Magenta	0	
8	Yellow	0	
9	C TC	0	

Extended (44Ch) (continued)

Ch	Function	Default	DMX values
10	Color Macro1	0	0–19 Disabled (wheel slot 1) 20–21 3000K (wheel slot 2) 22–23 3200K (wheel slot 3) 24–25 3500K (wheel slot 4) 26–27 4000K (wheel slot 5) 28–29 4500K (wheel slot 6) 30–31 5000K (wheel slot 7) 32–33 5400K (wheel slot 8) 34–35 5600K (wheel slot 9) 36–37 6000K (wheel slot 10) 38–39 6500K (wheel slot 11) 40–41 6800K (wheel slot 12) 42–43 L106 (wheel slot 13) 44–45 L194 (wheel slot 14) 46–47 L019 (wheel slot 15) 48–49 R08 (wheel slot 16) 50–51 L213 (wheel slot 17) 52–53 R80 (wheel slot 18) 54–55 L202 (wheel slot 19) 56–57 L328 (wheel slot 20) 58–59 R3314 (wheel slot 21) 60–61 L101 (wheel slot 22) 62–63 L768 (wheel slot 23) 64–255 RGB Scroll
11	Color Mix MSpeed	0	
12	Color Wheel	0	0–7 Open (wheel slot 1) 8–15 Wheel Slot 1 (wheel slot 2) 16–23 Wheel Slot 2 (wheel slot 3) 24–31 Wheel Slot 3 (wheel slot 4) 32–39 Wheel Slot 4 (wheel slot 5) 40–47 Wheel Slot 5 (wheel slot 6) 48–55 Wheel Slot 6 (wheel slot 7) 56–63 Wheel Slot 7 (wheel slot 1) 64–191 Color1WheelIndex 192–192 CW Spin max 193–221 CW Spin <> 222–222 CW spin min 223–224 Stop 225–225 CCW Spin min 226–254 CCW Spin <> 255–255 CCW Spin max
13	Color Wheel Fine	0	Fine byte of Color Wheel

Extended (44Ch) (continued)

Ch	Function	Default	DMX values
14	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 128–128 CW Spin max 129–189 CW Spin <> 190–190 CW Spin min 191–192 Stop 193–193 CCW Spin min 194–254 CCW Spin <> 255–255 CCW Spin max
15	Gobo Rotation	0	0–125 Index 126–164 Shake min 165–165 Shake max 166–170 Stop 171–210 CW Rot max 211–215 Stop 216–254 CCW Rot min 255–255 CCW Rot max
16	Gobo Rotation Fine	0	Fine byte of Gobo Rotation
17	Gobo 2	0	0–10 Open (wheel slot 1) 11–15 Gobo 1 (wheel slot 2) 16–20 Gobo 2 (wheel slot 3) 21–25 Gobo 3 (wheel slot 4) 26–30 Gobo 4 (wheel slot 5) 31–35 Gobo 5 (wheel slot 6) 36–40 Gobo 6 (wheel slot 7) 41–45 Gobo 7 (wheel slot 8) 46–50 Gobo 8 (wheel slot 9) 51–55 Gobo 9 (wheel slot 10) 56–60 Gobo 10 (wheel slot 11) 61–65 Gobo 1 (wheel slot 2) 66–70 Gobo 2 (wheel slot 3) 71–75 Gobo 3 (wheel slot 4) 76–80 Gobo 4 (wheel slot 5) 81–85 Gobo 5 (wheel slot 6) 86–90 Gobo 6 (wheel slot 7) 91–95 Gobo 7 (wheel slot 8) 96–100 Gobo 8 (wheel slot 9) 101–105 Gobo 9 (wheel slot 10) 106–110 Gobo 10 (wheel slot 11) 111–127 Open (wheel slot 1) 128–128 CW Spin max 129–189 CW Spin <> 190–190 CW Spin min 191–192 Stop 193–193 CCW Spin min 194–254 CCW Spin <> 255–255 CCW Spin max

Extended (44Ch) (continued)

Ch	Function	Default	DMX values
18	Animation Wheel1	0	0–0 Disabled (wheel slot 1) 1–255 Animation Wheel (wheel slot 2)
19	Animation Wheel1Pos	132	0–10 Stop 11–11 CW Rot min 12–126 CW Rot <> 127–127 CW Rot max 128–138 Stop 139–139 CCW Rot max 140–254 CCW Rot <> 255–255 CCW Rot min
20	Prism	0	0–10 Open (wheel slot 1) 11–145 Prism index (wheel slot 2) 146–150 No feature (wheel slot 2) 151–151 CW Rot max 152–199 CW Rot <> 200–200 CW Rot min 201–205 Stop 206–206 CCW Rot min 207–254 CCW Rot <> 255–255 CCW Rot max
21	Frost1	0	
22	Frost2	0	
23	Iris	0	0–127 Iris 128–130 Closed 131–171 Strobe <> 172–251 Rnd Strobe 252–255 Closed
24	Iris Fine	0	Fine byte of Iris
25	Zoom	0	0–254 Wide 255–255 Narrow
26	Zoom Fine	0	Fine byte of Zoom
27	Focus	0	
28	Focus Fine	0	Fine byte of Focus
29	Focus1Distance	0	0–12 Disabled 13–39 5 meter 40–66 7 meter 67–93 9 meter 94–120 11 meter 121–147 13 meter 148–174 15 meter 175–201 17 meter 202–228 19 meter 229–255 21 meter
30	Focus1Distance Fine	0	Fine byte of Focus1Distance
31	Blade1A	0	
32	Blade1B	0	
33	Blade2A	0	
34	Blade2B	0	
35	Blade4A	0	
36	Blade4B	0	
37	Blade3A	0	
38	Blade3B	0	
39	Shaper Rot	127	
40	Shaper Rot Fine	255	Fine byte of Shaper Rot

Extended (44Ch) (continued)

Ch	Function	Default	DMX values
41	Dimmer	0	0–254 Closed 255–255 Open
42	Dimmer Fine	0	Fine byte of Dimmer
43	Shutter / Strobe	8	0–9 Open 10–98 Min strobe 99–99 Max strobe 100–109 Open 110–178 Lightning strobe · Min lighting 0–24.6 Hz 179–179 Lightning strobe · Max lighting 25 Hz 180–189 Open 2 190–255 Random strobe
44	Control1	0	0–10 No function 11–20 BO on PT enabled 21–30 BO on PT Disabled 31–40 Pan invert 41–50 Tilt invert 51–60 Pan/Tilt Normal 61–70 Studio mode 71–80 Power mode 81–100 Live mode 101–110 Dim 4 111–120 Dim 3 121–130 Dim 2 131–140 Dim 1 141–150 Dim off 151–160 1200Hz 161–170 2400Hz 171–180 4000Hz 181–190 6000Hz 191–200 25000Hz 201–210 Reset All 211–220 Pan/Tilt reset 221–230 Color reset 231–240 Focus reset 241–255 Framing reset