Briteq

BTX-Supreme



Manufacturer	**Briteq**
Type	**Moving head**
DMX modes	**2**
DMX footprint	**24, 35 channels**
Beam angle	**1.8-22°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**249 × 470 × 258 mm**
GDTF fixture type	**C9F37583-C255-45E6-B796-18…**

Controls

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

Safety-relevant functions

Lamp on and off · Fixture reset · Service functions

DMX modes

Standard	24 ch
Extended	35 ch

Standard

24 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	Dimmer	0	0–254 Closed 255–255 Open
6	Shutter / Strobe	8	0–5 Closed 6–10 Open 11–11 Strobe Min 12–86 Strobe · Slow to Fast 0.822–24.7 Hz 87–87 Strobe Max 88–90 Open 91–167 Random strobe slow to fast 168–170 Open 171–247 Pulse effect slow to fast 248–255 Open
7	Cyan	0	
8	Magenta	0	
9	Yellow	0	
10	Color Wheel	0	0–5 White (wheel slot 1) 6–9 Deep Red (wheel slot 2) 10–18 Deep Blue (wheel slot 3) 19–27 Yellow (wheel slot 4) 28–36 Magenta (wheel slot 5) 37–45 Green (wheel slot 6) 46–54 Lavender (wheel slot 7) 55–63 Cyan (wheel slot 8) 64–72 Amber (wheel slot 9) 73–81 Mint (wheel slot 10) 82–90 Pink (wheel slot 11) 91–99 Orange (wheel slot 12) 100–108 CTO 3200K (wheel slot 13) 109–117 Congo Blue (wheel slot 14) 118–120 White (wheel slot 1) 121–124 Deep Red (wheel slot 2) 125–128 Deep Blue (wheel slot 3) 129–132 Yellow (wheel slot 4) 133–136 Magenta (wheel slot 5) 137–140 Green (wheel slot 6) 141–144 Lavender (wheel slot 7) 145–148 Cyan (wheel slot 8) 149–152 Amber (wheel slot 9) 153–156 Mint (wheel slot 10) 157–160 Pink (wheel slot 11) 161–164 Orange (wheel slot 12) 165–168 CTO 3200K (wheel slot 13) 169–172 Congo Blue (wheel slot 14) 173–176 White (wheel slot 1) 177–177 Rotate CW Max 178–214 Rotate CW fast to Slow 215–215 Rotate CW Min 216–216 Stop 217–217 Rotate CCW Min 218–254 Rotate CCW Slow to Fast 255–255 Rotate CCW Max

Standard (continued)

Ch	Function	Default	DMX values
11	Gobo	0	0–5 Open (wheel slot 1) 6–11 Gobo 1 (wheel slot 2) 12–17 Gobo 2 (wheel slot 3) 18–23 Gobo 3 (wheel slot 4) 24–29 Gobo 4 (wheel slot 5) 30–35 Gobo 5 (wheel slot 6) 36–41 Gobo 6 (wheel slot 7) 42–47 Gobo 7 (wheel slot 8) 48–53 Gobo 8 (wheel slot 9) 54–59 Gobo 9 (wheel slot 10) 60–65 Gobo 10 (wheel slot 11) 66–71 Gobo 11 (wheel slot 12) 72–77 Gobo 12 (wheel slot 13) 78–83 Gobo 13 (wheel slot 14) 84–95 Open (wheel slot 1) 96–101 Gobo 1 (wheel slot 2) 102–107 Gobo 2 (wheel slot 3) 108–113 Gobo 3 (wheel slot 4) 114–119 Gobo 4 (wheel slot 5) 120–125 Gobo 5 (wheel slot 6) 126–131 Gobo 6 (wheel slot 7) 132–137 Gobo 7 (wheel slot 8) 138–143 Gobo 8 (wheel slot 9) 144–149 Gobo 9 (wheel slot 10) 150–155 Gobo 10 (wheel slot 11) 156–161 Gobo 11 (wheel slot 12) 162–167 Gobo 12 (wheel slot 13) 168–173 Gobo 13 (wheel slot 14) 174–192 Open 193–193 Rotate CW Max 194–222 Rotate CW fast to Slow 223–223 Rotate CW Min 224–224 Stop 225–225 Rotate CCW Min 226–254 Rotate CCW Slow to Fast 255–255 Rotate CCW Max

Standard (continued)

Ch	Function	Default	DMX values
12	Gobo 2	0	0–2 Open (Beam Mode) (wheel slot 1) 3–4 Open (Spot Mode) (wheel slot 1) 5–6 Gobo 1 - Index (wheel slot 2) 7–8 Gobo 2 - Index (wheel slot 3) 9–10 Gobo 3 - Index (wheel slot 4) 11–12 Gobo 4 - Index (wheel slot 5) 13–14 Gobo 5 - Index (wheel slot 6) 15–16 Gobo 6 - Index (wheel slot 7) 17–18 Gobo 7 - Index (wheel slot 8) 19–20 Gobo 8 - Index (wheel slot 9) 21–22 Gobo 9 - Index (wheel slot 10) 23–24 Open (wheel slot 1) 25–26 Gobo 1 - Rotation (wheel slot 2) 27–28 Gobo 2 - Rotation (wheel slot 3) 29–30 Gobo 3 - Rotation (wheel slot 4) 31–32 Gobo 4 - Rotation (wheel slot 5) 33–34 Gobo 5 - Rotation (wheel slot 6) 35–36 Gobo 6 - Rotation (wheel slot 7) 37–38 Gobo 7 - Rotation (wheel slot 8) 39–40 Gobo 8 - Rotation (wheel slot 9) 41–42 Gobo 9 - Rotation (wheel slot 10) 43–44 Open (wheel slot 1) 45–52 Gobo 1 - Shake (wheel slot 2) 53–60 Gobo 2 - Shake (wheel slot 3) 61–68 Gobo 3 - Shake (wheel slot 4) 69–76 Gobo 4 - Shake (wheel slot 5) 77–84 Gobo 5 - Shake (wheel slot 6) 85–92 Gobo 6 - Shake (wheel slot 7) 93–100 Gobo 7 - Shake (wheel slot 8) 101–108 Gobo 8 - Shake (wheel slot 9) 109–116 Gobo 9 - Shake (wheel slot 10) 117–119 Open (wheel slot 1) 120–127 Gobo 1 - Shake (wheel slot 2) 128–135 Gobo 2 - Shake (wheel slot 3) 136–143 Gobo 3 - Shake (wheel slot 4) 144–151 Gobo 4 - Shake (wheel slot 5) 152–159 Gobo 5 - Shake (wheel slot 6) 160–167 Gobo 6 - Shake (wheel slot 7) 168–175 Gobo 7 - Shake (wheel slot 8) 176–183 Gobo 8 - Shake (wheel slot 9) 184–191 Gobo 9 - Shake (wheel slot 10) 192–194 Open 195–195 Spin CW Max 196–223 Spin CW Fast to Slow 224–224 Spin CW Min 225–225 Stop 226–226 Spin CCW Min 227–254 Spin CCW Slow to Fast 255–255 Spin CCW Max
13	Gobo Rotation 2	127	0–2 Min 3–126 CW Rotation Max 127–127 Center 128–128 CW Rotation Min 129–129 No Rotation 130–254 CCW Rotation Min 255–255 Max
14	Gobo Rotation 2 Fine	255	Fine byte of Gobo Rotation 2

Standard (continued)

Ch	Function	Default	DMX values
15	Animation Wheel1	0	0–2 No Function (wheel slot 1) 3–128 Animation Wheel index (wheel slot 2) 129–129 CW Rotation Max (wheel slot 2) 130–190 CW Rotation Fast to Slow (wheel slot 2) 191–191 CW Rotation Min (wheel slot 2) 192–192 Stop (wheel slot 2) 193–193 CCW Rotation Min (wheel slot 2) 194–254 CCW Rotation Slow to Fast (wheel slot 2) 255–255 CCW Rotation Max (wheel slot 2)
16	Prism	0	0–7 Open 8–38 Prism A - Rotation (wheel slot 1) 39–69 Prism B - Rotation (wheel slot 2) 70–100 Prism C - Rotation (wheel slot 3) 101–131 Prism D - Rotation (wheel slot 4) 132–162 Prism A - Index (wheel slot 1) 163–193 Prism B - Index (wheel slot 2) 194–224 Prism C - Index (wheel slot 3) 225–255 Prism D - Index (wheel slot 4)
17	Prism Rotation	128	0–0 CW Rotation Max 1–126 CW Rotation Fast to Slow 127–127 CW Rotation Min 128–128 Stop 129–129 CCW Rotation Min 130–254 CCW Rotation Slow to Fast 255–255 CCW Rotation Max
18	Prism	0	0–7 Open 8–38 Prism E - Rotation (wheel slot 1) 39–69 Prism F - Rotation (wheel slot 2) 70–100 Prism G - Rotation (wheel slot 3) 101–131 Prism H - Rotation (wheel slot 4) 132–162 Prism E - Index (wheel slot 1) 163–193 Prism F - Index (wheel slot 2) 194–224 Prism G - Index (wheel slot 3) 225–255 Prism H - Index (wheel slot 4)
19	Prism Rotation	128	0–0 CW Rotation Max 1–126 CW Rotation Fast to Slow 127–127 CW Rotation Min 128–128 Stop 129–129 CCW Rotation Min 130–254 CCW Rotation Slow to Fast 255–255 CCW Rotation Max
20	Zoom	128	0–0 Narrow 1–254 Narrow to Wide 255–255 Wide
21	Focus	0	
22	Frost1	0	
23	Frost2	0	

Standard (continued)

Ch	Function	Default	DMX values
24	Control1	0	0–105 No Function 106–110 Blackout while moving On 111–115 Blackout while moving Off 116–120 Display On 121–125 Display Off 126–130 Fan Mode Auto 131–135 Fan Mode Full 136–140 Standard CRI 141–145 High CRI 146–150 Lamp On 151–155 Lamp Off 156–160 Full @470W 161–165 Eco @360W 166–170 Reset Pan/Tilt 171–175 Reset Color Wheel 176–180 Reset CMY 181–185 Reset Gobo + Animation Wheel 186–190 Reset Dimmer + Shutter 191–195 Reset Prisms + Focus + Frost 196–200 Reset All Funtions 201–255 NoFeature

Extended

35 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	Position MSpeed	0	0–254 Max Speed 255–255 Min Speed
6	Dimmer	0	0–254 Closed 255–255 Open
7	Dimmer Fine	0	Fine byte of Dimmer
8	Shutter / Strobe	8	0–5 Closed 6–10 Open 11–11 Strobe Min 12–86 Strobe · Slow to Fast 0.559–19.7 Hz 87–87 Strobe Max 88–90 Open 91–167 Random strobe slow to fast 168–170 Open 171–247 Pulse effect slow to fast 248–255 Open
9	Cyan	0	
10	Cyan Fine	0	Fine byte of Cyan
11	Magenta	0	
12	Magenta Fine	0	Fine byte of Magenta
13	Yellow	0	
14	Yellow Fine	0	Fine byte of Yellow

Extended (continued)

Ch	Function	Default	DMX values
15	Color Wheel	0	0–5 White (wheel slot 1) 6–9 Deep Red (wheel slot 2) 10–18 Deep Blue (wheel slot 3) 19–27 Yellow (wheel slot 4) 28–36 Magenta (wheel slot 5) 37–45 Green (wheel slot 6) 46–54 Lavender (wheel slot 7) 55–63 Cyan (wheel slot 8) 64–72 Amber (wheel slot 9) 73–81 Mint (wheel slot 10) 82–90 Pink (wheel slot 11) 91–99 Orange (wheel slot 12) 100–108 CTO 3200K (wheel slot 13) 109–117 Congo Blue (wheel slot 14) 118–120 White (wheel slot 1) 121–124 Deep Red (wheel slot 2) 125–128 Deep Blue (wheel slot 3) 129–132 Yellow (wheel slot 4) 133–136 Magenta (wheel slot 5) 137–140 Green (wheel slot 6) 141–144 Lavender (wheel slot 7) 145–148 Cyan (wheel slot 8) 149–152 Amber (wheel slot 9) 153–156 Mint (wheel slot 10) 157–160 Pink (wheel slot 11) 161–164 Orange (wheel slot 12) 165–168 CTO 3200K (wheel slot 13) 169–172 Congo Blue (wheel slot 14) 173–176 White (wheel slot 1) 177–214 Rotate CW Max 215–215 Rotate CW Min 216–216 Stop 217–217 Rotate CCW Min 218–254 Rotate CCW Slow to Fast 255–255 Rotate CCW Max
16	Color Wheel Fine	0	Fine byte of Color Wheel

Extended (continued)

Ch	Function	Default	DMX values
17	Gobo	0	0–5 Open (wheel slot 1) 6–11 Gobo 1 (wheel slot 2) 12–17 Gobo 2 (wheel slot 3) 18–23 Gobo 3 (wheel slot 4) 24–29 Gobo 4 (wheel slot 5) 30–35 Gobo 5 (wheel slot 6) 36–41 Gobo 6 (wheel slot 7) 42–47 Gobo 7 (wheel slot 8) 48–53 Gobo 8 (wheel slot 9) 54–59 Gobo 9 (wheel slot 10) 60–65 Gobo 10 (wheel slot 11) 66–71 Gobo 11 (wheel slot 12) 72–77 Gobo 12 (wheel slot 13) 78–83 Gobo 13 (wheel slot 14) 84–95 Open (wheel slot 1) 96–101 Gobo 1 (wheel slot 2) 102–107 Gobo 2 (wheel slot 3) 108–113 Gobo 3 (wheel slot 4) 114–119 Gobo 4 (wheel slot 5) 120–125 Gobo 5 (wheel slot 6) 126–131 Gobo 6 (wheel slot 7) 132–137 Gobo 7 (wheel slot 8) 138–143 Gobo 8 (wheel slot 9) 144–149 Gobo 9 (wheel slot 10) 150–155 Gobo 10 (wheel slot 11) 156–161 Gobo 11 (wheel slot 12) 162–167 Gobo 12 (wheel slot 13) 168–173 Gobo 13 (wheel slot 14) 174–192 Open 193–193 Rotate CW Max 194–222 Rotate CW fast to Slow 223–223 Rotate CW Min 224–224 Stop 225–225 Rotate CCW Min 226–254 Rotate CCW Slow to Fast 255–255 Rotate CCW Max

Extended (continued)

Ch	Function	Default	DMX values
18	Gobo 2	0	0–2 Open (Beam Mode) (wheel slot 1) 3–4 Open (Spot Mode) (wheel slot 1) 5–6 Gobo 1 - Index (wheel slot 2) 7–8 Gobo 2 - Index (wheel slot 3) 9–10 Gobo 3 - Index (wheel slot 4) 11–12 Gobo 4 - Index (wheel slot 5) 13–14 Gobo 5 - Index (wheel slot 6) 15–16 Gobo 6 - Index (wheel slot 7) 17–18 Gobo 7 - Index (wheel slot 8) 19–20 Gobo 8 - Index (wheel slot 9) 21–22 Gobo 9 - Index (wheel slot 10) 23–24 Open (wheel slot 1) 25–26 Gobo 1 - Rotation (wheel slot 2) 27–28 Gobo 2 - Rotation (wheel slot 3) 29–30 Gobo 3 - Rotation (wheel slot 4) 31–32 Gobo 4 - Rotation (wheel slot 5) 33–34 Gobo 5 - Rotation (wheel slot 6) 35–36 Gobo 6 - Rotation (wheel slot 7) 37–38 Gobo 7 - Rotation (wheel slot 8) 39–40 Gobo 8 - Rotation (wheel slot 9) 41–42 Gobo 9 - Rotation (wheel slot 10) 43–44 Open (wheel slot 1) 45–52 Gobo 1 - Shake (wheel slot 2) 53–60 Gobo 2 - Shake (wheel slot 3) 61–68 Gobo 3 - Shake (wheel slot 4) 69–76 Gobo 4 - Shake (wheel slot 5) 77–84 Gobo 5 - Shake (wheel slot 6) 85–92 Gobo 6 - Shake (wheel slot 7) 93–100 Gobo 7 - Shake (wheel slot 8) 101–108 Gobo 8 - Shake (wheel slot 9) 109–116 Gobo 9 - Shake (wheel slot 10) 117–119 Open (wheel slot 1) 120–127 Gobo 1 - Shake (wheel slot 2) 128–135 Gobo 2 - Shake (wheel slot 3) 136–143 Gobo 3 - Shake (wheel slot 4) 144–151 Gobo 4 - Shake (wheel slot 5) 152–159 Gobo 5 - Shake (wheel slot 6) 160–167 Gobo 6 - Shake (wheel slot 7) 168–175 Gobo 7 - Shake (wheel slot 8) 176–183 Gobo 8 - Shake (wheel slot 9) 184–191 Gobo 9 - Shake (wheel slot 10) 192–194 Open 195–195 Spin CW Max 196–223 Spin CW Fast to Slow 224–224 Spin CW Min 225–225 Stop 226–226 Spin CCW Min 227–254 Spin CCW Slow to Fast 255–255 Spin CCW Max
19	Gobo Rotation 2	127	0–2 Min 3–126 CW Rotation Max 127–127 Center 128–128 CW Rotation Min 129–129 No Rotation 130–254 CCW Rotation Min 255–255 Max
20	Gobo Rotation 2 Fine	255	Fine byte of Gobo Rotation 2

Extended (continued)

Ch	Function	Default	DMX values
21	Animation Wheel1	0	0–2 No Function (wheel slot 1) 3–128 Animation Wheel index (wheel slot 2) 129–190 CW Rotation Max (wheel slot 2) 191–191 CW Rotation Min (wheel slot 2) 192–192 Stop (wheel slot 2) 193–193 CCW Rotation Min (wheel slot 2) 194–254 CCW Rotation Slow to Fast (wheel slot 2) 255–255 CCW Rotation Max (wheel slot 2)
22	Animation Wheel1 Fine	0	Fine byte of Animation Wheel1
23	Prism	0	0–7 Open 8–38 Prism A - Rotation (wheel slot 1) 39–69 Prism B - Rotation (wheel slot 2) 70–100 Prism C - Rotation (wheel slot 3) 101–131 Prism D - Rotation (wheel slot 4) 132–162 Prism A - Index (wheel slot 1) 163–193 Prism B - Index (wheel slot 2) 194–224 Prism C - Index (wheel slot 3) 225–255 Prism D - Index (wheel slot 4)
24	Prism Rotation	127	0–0 CW Rotation Max 1–126 CW Rotation Fast to Slow 127–127 CW Rotation Min 128–128 Stop 129–129 CCW Rotation Min 130–254 CCW Rotation Slow to Fast 255–255 CCW Rotation Max
25	Prism Rotation Fine	255	Fine byte of Prism Rotation
26	Prism	0	0–7 Open 8–38 Prism E - Rotation (wheel slot 1) 39–69 Prism F - Rotation (wheel slot 2) 70–100 Prism G - Rotation (wheel slot 3) 101–131 Prism H - Rotation (wheel slot 4) 132–162 Prism E - Index (wheel slot 1) 163–193 Prism F - Index (wheel slot 2) 194–224 Prism G - Index (wheel slot 3) 225–255 Prism H - Index (wheel slot 4)
27	Prism Rotation	127	0–0 CW Rotation Max 1–126 CW Rotation Fast to Slow 127–127 CW Rotation Min 128–128 Stop 129–129 CCW Rotation Min 130–254 CCW Rotation Slow to Fast 255–255 CCW Rotation Max
28	Prism Rotation Fine	255	Fine byte of Prism Rotation
29	Zoom	0	0–0 Narrow 1–254 Narrow to Wide 255–255 Wide
30	Zoom Fine	128	Fine byte of Zoom
31	Focus	0	
32	Focus Fine	0	Fine byte of Focus
33	Frost1	0	
34	Frost2	0	

Extended (continued)

Ch	Function	Default	DMX values
35	Control1	0	0–105 No Function 106–110 Blackout while moving On 111–115 Blackout while moving Off 116–120 Display On 121–125 Display Off 126–130 Fan Mode Auto 131–135 Fan Mode Full 136–140 Standard CRI 141–145 High CRI 146–150 Lamp On 151–155 Lamp Off 156–160 Full @470W 161–165 Eco @360W 166–170 Reset Pan/Tilt 171–175 Reset Color Wheel 176–180 Reset CMY 181–185 Reset Gobo + Animation Wheel 186–190 Reset Dimmer + Shutter 191–195 Reset Prisms + Focus + Frost 196–200 Reset All Funtions 201–255 NoFeature