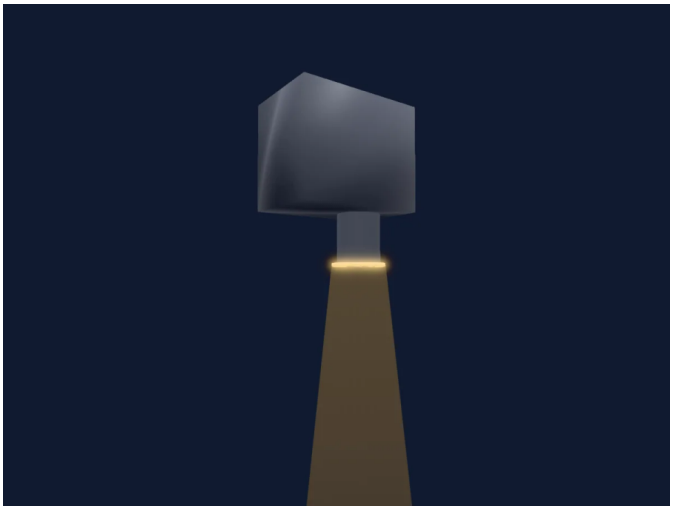
Briteq

BT-Theatre 261FC



Manufacturer	**Briteq**
Type	**PAR**
DMX modes	**10**
DMX footprint	**1, 4, 6, 9, 12, 14, 16, 21 channels**
Beam angle	**15°**
Size (W × H × D)	**223 × 270 × 330 mm**
GDTF fixture type	**F4887F60-13D5-4870-867B-B7…**

Controls

Extra LED colours · RGB colour mixing · Colour wheel · Strobe · Dimmer

Safety-relevant functions

Service functions

DMX modes

Dim	1 ch
CCT	4 ch
Easy	6 ch
HSI	6 ch
Raw 8bit	9 ch
CMY	12 ch
HSIC Full	12 ch
Full 8bit	14 ch
Raw 16bit	16 ch
Full 16bit	21 ch

Dim

1 channel

Ch	Function	Default	DMX values
1	Dimmer	0	

CCT

4 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Shutter / Strobe	0	0–5 Shutter Open 6–124 Min Strobe 125–125 Max Strobe 126–135 Open 136–254 Min Random Strobe 255–255 Max Random Strobe
3	C CT	0	0–9 No Function 10–254 1800K 255–255 8000K
4	Tint	0	0–16 Neutral 17–116 +Magenta 117–139 Neutral 140–239 +Green 240–255 Green 100%

Easy

6 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Shutter / Strobe	0	0–5 Shutter Open 6–124 Min Strobe 125–125 Max Strobe 126–135 Open 136–254 Min Random Strobe 255–255 Max Random Strobe
3	C CT	0	0–9 No Function 10–254 1800K 255–255 8000K
4	Color Mix Mode	0	0–0 CCT 1–254 X-Fade 255–255 Color Mix/Preset
5	Color Macro1	0	
6	Color Macro1Rate	0	

HSI

6 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Shutter / Strobe	0	0–5 Shutter Open 6–124 Min Strobe 125–125 Max Strobe 126–135 Open 136–254 Min Random Strobe 255–255 Max Random Strobe
3	H SBHue	0	
4	H SBHue Fine	0	Fine byte of H SBHue

HSI (continued)

Ch	Function	Default	DMX values
5	H SBSaturation	0	
6	Control1	0	0–5 No feature 6–10 Dim curve: Linear 11–15 Dim curve: Square 16–20 Dim curve: Inverse Square 21–25 Dim curve: S-Curve 26–35 NoFeature 3 36–40 Dim behavior: LED 41–45 Dim behavior: Halogen 46–55 NoFeature 5 56–60 No DMX: Freeze 61–65 No DMX: Blackout 66–70 No DMX: Delayed blackout 71–75 No DMX: Manual 76–85 NoFeature 7 86–90 Display: Blink On 91–95 Display Blink Off 96–105 NoFeature 9 106–110 Fan mode: Silent 111–115 Fan Mode: Auto 116–120 Fan Mode: Performance 121–130 NoFeature 11 131–135 LED PWM: 1200Hz 136–140 LED PWM: 2400Hz 141–145 LED PWM: 3600Hz 146–150 LED PWM: 7200Hz 151–155 LED PWM: 14400Hz 156–160 LED PWM: 20000Hz 161–165 LED PWM: 25000Hz 166–175 NoFeature 13 176–180 Red shift Off 181–185 Red shift On 186–195 NoFeature 15 196–200 LED calibration Off 201–205 LED calibration On 206–215 NoFeature 17 216–220 Record User Color 1 221–225 Record User Color 2 226–230 Record User Color 3 231–235 Record User Color 4 236–240 Record User Color 5 241–255 NoFeature 19

Raw 8bit

9 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Shutter / Strobe	0	0–5 Shutter Open 6–124 Min Strobe 125–125 Max Strobe 126–135 Open 136–254 Min Random Strobe 255–255 Max Random Strobe
3	Red	255	
4	Green	255	
5	Blue	255	
6	Color Add RY	0	
7	Color Add GY	0	

Raw 8bit (continued)

Ch	Function	Default	DMX values
8	Color Add GC	0	
9	Control1	0	0–5 No feature 6–10 Dim curve: Linear 11–15 Dim curve: Square 16–20 Dim curve: Inverse Square 21–25 Dim curve: S-Curve 26–35 NoFeature 3 36–40 Dim behavior: LED 41–45 Dim behavior: Halogen 46–55 NoFeature 5 56–60 No DMX: Freeze 61–65 No DMX: Blackout 66–70 No DMX: Delayed blackout 71–75 No DMX: Manual 76–85 NoFeature 7 86–90 Display: Blink On 91–95 Display Blink Off 96–105 NoFeature 9 106–110 Fan mode: Silent 111–115 Fan Mode: Auto 116–120 Fan Mode: Performance 121–130 NoFeature 11 131–135 LED PWM: 1200Hz 136–140 LED PWM: 2400Hz 141–145 LED PWM: 3600Hz 146–150 LED PWM: 7200Hz 151–155 LED PWM: 14400Hz 156–160 LED PWM: 20000Hz 161–165 LED PWM: 25000Hz 166–175 NoFeature 13 176–180 Red shift Off 181–185 Red shift On 186–195 NoFeature 15 196–200 LED calibration Off 201–205 LED calibration On 206–215 NoFeature 17 216–220 Record User Color 1 221–225 Record User Color 2 226–230 Record User Color 3 231–235 Record User Color 4 236–240 Record User Color 5 241–255 NoFeature 19

CMY

12 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Shutter / Strobe	0	0–5 Shutter Open 6–124 Min Strobe 125–125 Max Strobe 126–135 Open 136–254 Min Random Strobe 255–255 Max Random Strobe
4	C CT	0	0–9 No Function 10–254 1800K 255–255 8000K

CMY (continued)

Ch	Function	Default	DMX values
5	Tint	0	0–16 Neutral 17–116 +Magenta 117–139 Neutral 140–239 +Green 240–255 Green 100%
6	Color Mix Mode	0	0–0 CCT 1–254 X-Fade 255–255 Color Mix/Preset
7	Color Macro1	0	
8	Color Macro1Rate	0	
9	Color RGBCyan	0	
10	Color RGBMagenta	0	
11	Color RGBYellow	0	
12	Control1	0	0–5 No feature 6–10 Dim curve: Linear 11–15 Dim curve: Square 16–20 Dim curve: Inverse Square 21–25 Dim curve: S-Curve 26–35 NoFeature 3 36–40 Dim behavior: LED 41–45 Dim behavior: Halogen 46–55 NoFeature 5 56–60 No DMX: Freeze 61–65 No DMX: Blackout 66–70 No DMX: Delayed blackout 71–75 No DMX: Manual 76–85 NoFeature 7 86–90 Display: Blink On 91–95 Display Blink Off 96–105 NoFeature 9 106–110 Fan mode: Silent 111–115 Fan Mode: Auto 116–120 Fan Mode: Performance 121–130 NoFeature 11 131–135 LED PWM: 1200Hz 136–140 LED PWM: 2400Hz 141–145 LED PWM: 3600Hz 146–150 LED PWM: 7200Hz 151–155 LED PWM: 14400Hz 156–160 LED PWM: 20000Hz 161–165 LED PWM: 25000Hz 166–175 NoFeature 13 176–180 Red shift Off 181–185 Red shift On 186–195 NoFeature 15 196–200 LED calibration Off 201–205 LED calibration On 206–215 NoFeature 17 216–220 Record User Color 1 221–225 Record User Color 2 226–230 Record User Color 3 231–235 Record User Color 4 236–240 Record User Color 5 241–255 NoFeature 19

HSIC Full

12 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Shutter / Strobe	0	0–5 Shutter Open 6–124 Min Strobe 125–125 Max Strobe 126–135 Open 136–254 Min Random Strobe 255–255 Max Random Strobe
4	C CT	0	0–9 No Function 10–254 1800K 255–255 8000K
5	Tint	0	0–16 Neutral 17–116 +Magenta 117–139 Neutral 140–239 +Green 240–255 Green 100%
6	Color Mix Mode	0	0–0 CCT 1–254 X-Fade 255–255 Color Mix/Preset
7	Color Macro1	0	
8	Color Macro1Rate	0	
9	H SBHue	0	
10	H SBHue Fine	0	Fine byte of H SBHue
11	H SBSaturation	0	

HSIC Full (continued)

Ch	Function	Default	DMX values
12	Control1	0	0–5 No feature 6–10 Dim curve: Linear 11–15 Dim curve: Square 16–20 Dim curve: Inverse Square 21–25 Dim curve: S-Curve 26–35 NoFeature 3 36–40 Dim behavior: LED 41–45 Dim behavior: Halogen 46–55 NoFeature 5 56–60 No DMX: Freeze 61–65 No DMX: Blackout 66–70 No DMX: Delayed blackout 71–75 No DMX: Manual 76–85 NoFeature 7 86–90 Display: Blink On 91–95 Display Blink Off 96–105 NoFeature 9 106–110 Fan mode: Silent 111–115 Fan Mode: Auto 116–120 Fan Mode: Performance 121–130 NoFeature 11 131–135 LED PWM: 1200Hz 136–140 LED PWM: 2400Hz 141–145 LED PWM: 3600Hz 146–150 LED PWM: 7200Hz 151–155 LED PWM: 14400Hz 156–160 LED PWM: 20000Hz 161–165 LED PWM: 25000Hz 166–175 NoFeature 13 176–180 Red shift Off 181–185 Red shift On 186–195 NoFeature 15 196–200 LED calibration Off 201–205 LED calibration On 206–215 NoFeature 17 216–220 Record User Color 1 221–225 Record User Color 2 226–230 Record User Color 3 231–235 Record User Color 4 236–240 Record User Color 5 241–255 NoFeature 19

Full 8bit

14 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Shutter / Strobe	0	0–5 Shutter Open 6–124 Min Strobe 125–125 Max Strobe 126–135 Open 136–254 Min Random Strobe 255–255 Max Random Strobe
3	C CT	0	0–9 No Function 10–254 1800K 255–255 8000K

Full 8bit (continued)

Ch	Function	Default	DMX values
4	Tint	0	0–16 Neutral 17–116 +Magenta 117–139 Neutral 140–239 +Green 240–255 Green 100%
5	Color Mix Mode	0	0–0 CCT 1–254 X-Fade 255–255 Color Mix/Preset
6	Color Macro1	0	
7	Color Macro1Rate	0	
8	Red	255	
9	Green	255	
10	Blue	255	
11	Color Add RY	0	
12	Color Add GY	0	
13	Color Add GC	0	
14	Control1	0	0–5 No feature 6–10 Dim curve: Linear 11–15 Dim curve: Square 16–20 Dim curve: Inverse Square 21–25 Dim curve: S-Curve 26–35 NoFeature 3 36–40 Dim behavior: LED 41–45 Dim behavior: Halogen 46–55 NoFeature 5 56–60 No DMX: Freeze 61–65 No DMX: Blackout 66–70 No DMX: Delayed blackout 71–75 No DMX: Manual 76–85 NoFeature 7 86–90 Display: Blink On 91–95 Display Blink Off 96–105 NoFeature 9 106–110 Fan mode: Silent 111–115 Fan Mode: Auto 116–120 Fan Mode: Performance 121–130 NoFeature 11 131–135 LED PWM: 1200Hz 136–140 LED PWM: 2400Hz 141–145 LED PWM: 3600Hz 146–150 LED PWM: 7200Hz 151–155 LED PWM: 14400Hz 156–160 LED PWM: 20000Hz 161–165 LED PWM: 25000Hz 166–175 NoFeature 13 176–180 Red shift Off 181–185 Red shift On 186–195 NoFeature 15 196–200 LED calibration Off 201–205 LED calibration On 206–215 NoFeature 17 216–220 Record User Color 1 221–225 Record User Color 2 226–230 Record User Color 3 231–235 Record User Color 4 236–240 Record User Color 5 241–255 NoFeature 19

Raw 16bit

16 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Shutter / Strobe	0	0–5 Shutter Open 6–124 Min Strobe 125–125 Max Strobe 126–135 Open 136–254 Min Random Strobe 255–255 Max Random Strobe
4	Red	255	
5	Red Fine	255	Fine byte of Red
6	Green	255	
7	Green Fine	255	Fine byte of Green
8	Blue	255	
9	Blue Fine	255	Fine byte of Blue
10	Color Add RY	0	
11	Color Add RY Fine	0	Fine byte of Color Add RY
12	Color Add GY	0	
13	Color Add GY Fine	0	Fine byte of Color Add GY
14	Color Add GC	0	
15	Color Add GC Fine	0	Fine byte of Color Add GC

Raw 16bit (continued)

Ch	Function	Default	DMX values
16	Control1	0	0–5 No feature 6–10 Dim curve: Linear 11–15 Dim curve: Square 16–20 Dim curve: Inverse Square 21–25 Dim curve: S-Curve 26–35 NoFeature 3 36–40 Dim behavior: LED 41–45 Dim behavior: Halogen 46–55 NoFeature 5 56–60 No DMX: Freeze 61–65 No DMX: Blackout 66–70 No DMX: Delayed blackout 71–75 No DMX: Manual 76–85 NoFeature 7 86–90 Display: Blink On 91–95 Display Blink Off 96–105 NoFeature 9 106–110 Fan mode: Silent 111–115 Fan Mode: Auto 116–120 Fan Mode: Performance 121–130 NoFeature 11 131–135 LED PWM: 1200Hz 136–140 LED PWM: 2400Hz 141–145 LED PWM: 3600Hz 146–150 LED PWM: 7200Hz 151–155 LED PWM: 14400Hz 156–160 LED PWM: 20000Hz 161–165 LED PWM: 25000Hz 166–175 NoFeature 13 176–180 Red shift Off 181–185 Red shift On 186–195 NoFeature 15 196–200 LED calibration Off 201–205 LED calibration On 206–215 NoFeature 17 216–220 Record User Color 1 221–225 Record User Color 2 226–230 Record User Color 3 231–235 Record User Color 4 236–240 Record User Color 5 241–255 NoFeature 19

Full 16bit

21 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Shutter / Strobe	0	0–5 Shutter Open 6–124 Min Strobe 125–125 Max Strobe 126–135 Open 136–254 Min Random Strobe 255–255 Max Random Strobe
4	C CT	0	0–9 No Function 10–254 1800K 255–255 8000K

Full 16bit (continued)

Ch	Function	Default	DMX values
5	Tint	0	0–16 Neutral 17–116 +Magenta 117–139 Neutral 140–239 +Green 240–255 Green 100%
6	Color Mix Mode	0	0–0 CCT 1–254 X-Fade 255–255 Color Mix/Preset
7	Color Macro1	0	
8	Color Macro1Rate	0	
9	Red	255	
10	Red Fine	255	Fine byte of Red
11	Green	255	
12	Green Fine	255	Fine byte of Green
13	Blue	255	
14	Blue Fine	255	Fine byte of Blue
15	Color Add RY	0	
16	Color Add RY Fine	0	Fine byte of Color Add RY
17	Color Add GY	0	
18	Color Add GY Fine	0	Fine byte of Color Add GY
19	Color Add GC	0	
20	Color Add GC Fine	0	Fine byte of Color Add GC

Full 16bit (continued)

Ch	Function	Default	DMX values
21	Control1	0	0–5 No feature 6–10 Dim curve: Linear 11–15 Dim curve: Square 16–20 Dim curve: Inverse Square 21–25 Dim curve: S-Curve 26–35 NoFeature 3 36–40 Dim behavior: LED 41–45 Dim behavior: Halogen 46–55 NoFeature 5 56–60 No DMX: Freeze 61–65 No DMX: Blackout 66–70 No DMX: Delayed blackout 71–75 No DMX: Manual 76–85 NoFeature 7 86–90 Display: Blink On 91–95 Display Blink Off 96–105 NoFeature 9 106–110 Fan mode: Silent 111–115 Fan Mode: Auto 116–120 Fan Mode: Performance 121–130 NoFeature 11 131–135 LED PWM: 1200Hz 136–140 LED PWM: 2400Hz 141–145 LED PWM: 3600Hz 146–150 LED PWM: 7200Hz 151–155 LED PWM: 14400Hz 156–160 LED PWM: 20000Hz 161–165 LED PWM: 25000Hz 166–175 NoFeature 13 176–180 Red shift Off 181–185 Red shift On 186–195 NoFeature 15 196–200 LED calibration Off 201–205 LED calibration On 206–215 NoFeature 17 216–220 Record User Color 1 221–225 Record User Color 2 226–230 Record User Color 3 231–235 Record User Color 4 236–240 Record User Color 5 241–255 NoFeature 19