MARK

BEAM 198



Manufacturer	**MARK**
Type	**Moving head**
DMX modes	**2**
DMX footprint	**16, 20 channels**
Beam angle	**25°**
Pan range	**1°**
Tilt range	**1°**
Size (W × H × D)	**392 × 373 × 122 mm**
GDTF fixture type	**5B1E4515-6C0A-499F-AFE1-4D…**

Controls

Focus · Frost · Prism · Prism rotation · Colour wheel · Dimmer · Pan and tilt · Movement speed · Gobos

Safety-relevant functions

Lamp on and off · Fixture reset

DMX modes

16 CHANNELS	16 ch
20 CHANNELS	20 ch

16 CHANNELS

16 channels

Ch	Function	Default	DMX values
1	Color Wheel	0	0–4 White (wheel slot 1) 5–8 White + Red (wheel slot 2) 9–12 Red (wheel slot 2) 13–17 Red + Amber (wheel slot 3) 18–22 Amber (wheel slot 3) 23–27 Amber + Blue (wheel slot 4) 28–31 Blue (wheel slot 4) 32–36 Blue + Dark Green (wheel slot 5) 37–40 Dark Green (wheel slot 5) 41–45 Dark Green + Light Green (wheel slot 6) 46–49 Light Green (wheel slot 6) 50–54 Light Green + Pink (wheel slot 7) 55–58 Pink (wheel slot 7) 59–63 Pink + Light Blue (wheel slot 8) 64–68 Light Blue (wheel slot 8) 69–72 Light Blue + Yellow (wheel slot 9) 73–77 Yellow (wheel slot 9) 78–81 Yellow + Purple (wheel slot 10) 82–86 Purple (wheel slot 10) 87–90 Purple + Dark Blue (wheel slot 11) 91–95 Dark Blue (wheel slot 11) 96–99 Dark Blue + CTO (wheel slot 12) 100–104 CTO (wheel slot 12) 105–108 CTO + Frost White (wheel slot 13) 109–113 Frost White (wheel slot 13) 114–117 Frost White + UV (wheel slot 14) 118–122 UV (wheel slot 14) 123–127 UV + White (wheel slot 1) 128–255 S > F
2	Shutter1Strobe	0	0–3 Close 4–103 S > F 104–107 Open 108–207 S > F 208–212 Open 213–251 S > F 252–255 Open
3	Dimmer	0	

16 CHANNELS (continued)

Ch	Function	Default	DMX values
4	Gobo	0	0–3 Open (wheel slot 1) 4–7 Reducer 1 (wheel slot 2) 8–11 Reducer 2 (wheel slot 3) 12–15 Reducer 3 (wheel slot 4) 16–19 Reducer 4 (wheel slot 5) 20–23 Reducer 5 (wheel slot 6) 24–27 Reducer 6 (wheel slot 7) 28–31 Gobo 1 (wheel slot 8) 32–35 Gobo 2 (wheel slot 9) 36–39 Gobo 3 (wheel slot 10) 40–43 Gobo 4 (wheel slot 11) 44–47 Gobo 5 (wheel slot 12) 48–51 Gobo 6 (wheel slot 13) 52–55 Gobo 7 (wheel slot 14) 56–59 Gobo 8 (wheel slot 15) 60–63 Gobo 9 (wheel slot 16) 64–67 Gobo 10 (wheel slot 17) 68–71 Gobo 11 (wheel slot 18) 72–113 CW F > S 114–117 Stop 118–159 CCW F > S 160–166 Reducer 2 Shake (wheel slot 3) 167–172 Reducer 3 Shake (wheel slot 4) 173–179 Reducer 4 Shake (wheel slot 5) 180–185 Reducer 5 Shake (wheel slot 6) 186–191 Reducer 6 Shake (wheel slot 7) 192–198 Gobo 1 Shake (wheel slot 8) 199–204 Gobo 2 Shake (wheel slot 9) 205–211 Gobo 3 Shake (wheel slot 10) 212–217 Gobo 4 Shake (wheel slot 11) 218–223 Gobo 5 Shake (wheel slot 12) 224–230 Gobo 6 Shake (wheel slot 13) 231–236 Gobo 7 Shake (wheel slot 14) 237–243 Gobo 8 Shake (wheel slot 15) 244–249 Gobo 9 Shake (wheel slot 16) 250–255 Gobo 10 Shake (wheel slot 17)
5	Prism	0	0–127 Open (wheel slot 1) 128–192 Prism (wheel slot 2) 193–255 Prism 6 Face (wheel slot 3)
6	Prism Rotation	0	0–127 No Rot 128–190 CW F > S 191–192 Stop 193–255 CCW S > F
7	Color Wheel 2	0	0–127 Open (wheel slot 1) 128–255 Rainbow (wheel slot 2)
8	Frost1	0	0–0 Open (wheel slot 1) 1–255 Frost (wheel slot 2)
9	Focus	0	
10	Pan	0	
11	Pan Fine	0	Fine byte of Pan
12	Tilt	0	
13	Tilt Fine	0	Fine byte of Tilt
14	No Feature	0	
15	Fixture Global Reset	0	0–127 Open 128–255 Reset
16	Lamp Control	50	0–25 No function 26–100 Lamp Off 101–255 Lamp On

20 CHANNELS

20 channels

Ch	Function	Default	DMX values
1	Color Wheel	0	0–4 White (wheel slot 1) 5–8 White + Red (wheel slot 2) 9–12 Red (wheel slot 2) 13–17 Red + Amber (wheel slot 3) 18–22 Amber (wheel slot 3) 23–27 Amber + Blue (wheel slot 4) 28–31 Blue (wheel slot 4) 32–36 Blue + Dark Green (wheel slot 5) 37–40 Dark Green (wheel slot 5) 41–45 Dark Green + Light Green (wheel slot 6) 46–49 Light Green (wheel slot 6) 50–54 Light Green + Pink (wheel slot 7) 55–58 Pink (wheel slot 7) 59–63 Pink + Light Blue (wheel slot 8) 64–68 Light Blue (wheel slot 8) 69–72 Light Blue + Yellow (wheel slot 9) 73–77 Yellow (wheel slot 9) 78–81 Yellow + Purple (wheel slot 10) 82–86 Purple (wheel slot 10) 87–90 Purple + Dark Blue (wheel slot 11) 91–95 Dark Blue (wheel slot 11) 96–99 Dark Blue + CTO (wheel slot 12) 100–104 CTO (wheel slot 12) 105–108 CTO + Frost White (wheel slot 13) 109–113 Frost White (wheel slot 13) 114–117 Frost White + UV (wheel slot 14) 118–122 UV (wheel slot 14) 123–127 UV + White (wheel slot 1) 128–255 S > F
2	Shutter1Strobe	0	0–3 Close 4–103 S > F 104–107 Open 108–207 S > F 208–212 Open 213–251 S > F 252–255 Open
3	Dimmer	0	

20 CHANNELS (continued)

Ch	Function	Default	DMX values
4	Gobo	0	0–3 Open (wheel slot 1) 4–7 Reducer 1 (wheel slot 2) 8–11 Reducer 2 (wheel slot 3) 12–15 Reducer 3 (wheel slot 4) 16–19 Reducer 4 (wheel slot 5) 20–23 Reducer 5 (wheel slot 6) 24–27 Reducer 6 (wheel slot 7) 28–31 Gobo 1 (wheel slot 8) 32–35 Gobo 2 (wheel slot 9) 36–39 Gobo 3 (wheel slot 10) 40–43 Gobo 4 (wheel slot 11) 44–47 Gobo 5 (wheel slot 12) 48–51 Gobo 6 (wheel slot 13) 52–55 Gobo 7 (wheel slot 14) 56–59 Gobo 8 (wheel slot 15) 60–63 Gobo 9 (wheel slot 16) 64–67 Gobo 10 (wheel slot 17) 68–71 Gobo 11 (wheel slot 18) 72–113 CW F > S 114–117 Stop 118–159 CCW F > S 160–166 Reducer 2 Shake (wheel slot 3) 167–172 Reducer 3 Shake (wheel slot 4) 173–179 Reducer 4 Shake (wheel slot 5) 180–185 Reducer 5 Shake (wheel slot 6) 186–191 Reducer 6 Shake (wheel slot 7) 192–198 Gobo 1 Shake (wheel slot 8) 199–204 Gobo 2 Shake (wheel slot 9) 205–211 Gobo 3 Shake (wheel slot 10) 212–217 Gobo 4 Shake (wheel slot 11) 218–223 Gobo 5 Shake (wheel slot 12) 224–230 Gobo 6 Shake (wheel slot 13) 231–236 Gobo 7 Shake (wheel slot 14) 237–243 Gobo 8 Shake (wheel slot 15) 244–249 Gobo 9 Shake (wheel slot 16) 250–255 Gobo 10 Shake (wheel slot 17)
5	Prism	0	0–127 Open (wheel slot 1) 128–192 Prism (wheel slot 2) 193–255 Prism 6 Face (wheel slot 3)
6	Prism Rotation	0	0–127 No Rot 128–190 CW F > S 191–192 Stop 193–255 CCW S > F
7	Color Wheel 2	0	0–127 Open (wheel slot 1) 128–255 Rainbow (wheel slot 2)
8	Frost1	0	0–0 Open (wheel slot 1) 1–255 Frost (wheel slot 2)
9	Focus	0	
10	Pan	0	
11	Pan Fine	0	Fine byte of Pan
12	Tilt	0	
13	Tilt Fine	0	Fine byte of Tilt
14	No Feature	0	
15	Fixture Global Reset	0	0–127 Open 128–255 Reset
16	Lamp Control	50	0–25 No function 26–100 Lamp Off 101–255 Lamp On

20 CHANNELS (continued)

Ch	Function	Default	DMX values
17	Position MSpeed	0	
18	Color Mix MSpeed	0	
19	Focus MSpeed	0	
20	Gobo Wheel1MSpeed	0	