MARK

Beam 196



Manufacturer	**MARK**
Type	**Moving head**
DMX modes	**2**
DMX footprint	**16, 20 channels**
Beam angle	**0.6°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**226 × 286 × 204 mm**
GDTF fixture type	**E8B5C0D1-2A4F-4C10-90E1-8C…**

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	Color1Wheel Index	0	0–4 White (wheel slot 1) 5–9 White Red (wheel slot 2) 10–13 Red (wheel slot 2) 14–18 Red Amber (wheel slot 3) 19–22 Amber (wheel slot 3) 23–27 Amber Cyan (wheel slot 4) 28–31 Cyan (wheel slot 4) 32–36 Cyan 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 Yellow (wheel slot 8) 64–68 Yellow (wheel slot 8) 69–72 Yellow Purple (wheel slot 9) 73–77 Purple (wheel slot 9) 78–81 Purple Light Blue (wheel slot 10) 82–86 Light Blue (wheel slot 10) 87–90 Light Blur Orange (wheel slot 11) 91–95 Orange (wheel slot 11) 96–99 Orange CTO (wheel slot 12) 100–104 CTO (wheel slot 12) 105–108 CTO+UV (wheel slot 13) 109–113 UV Blue (wheel slot 13) 114–117 UV Dark Orange (wheel slot 14) 118–122 Dark Orange (wheel slot 14) 123–127 Dark Orange White (wheel slot 1) 128–255 Rainbow FWD
2	Strobe Mode Shutter	252	0–3 Closed 4–103 Pulse S-F 104–107 Open 1 108–207 Strobe S-F 208–212 Open 2 213–251 Random S-F 252–255 Open 3
3	Dimmer	0	

16 Channels (continued)

Ch	Function	Default	DMX values
4	Gobo	0	0–5 Spot (wheel slot 1) 6–10 Gobo 1 (wheel slot 2) 11–15 Gobo 2 (wheel slot 3) 16–20 Gobo 3 (wheel slot 4) 21–25 Gobo 4 (wheel slot 5) 26–30 Gobo 5 (wheel slot 6) 31–35 Gobo 6 (wheel slot 7) 36–40 Gobo 7 (wheel slot 8) 41–45 Gobo 8 (wheel slot 9) 46–50 Gobo 9 (wheel slot 10) 51–55 Gobo 10 (wheel slot 11) 56–60 Gobo 11 (wheel slot 12) 61–65 Gobo 12 (wheel slot 13) 66–70 Gobo 13 (wheel slot 14) 71–75 Gobo 14 (wheel slot 15) 76–120 Gobo FWD 121–122 Stop 123–166 Gobo BWD 167–172 Gobo 1 (wheel slot 2) 173–179 Gobo 2 (wheel slot 3) 180–185 Gobo 3 (wheel slot 4) 186–191 Gobo 4 (wheel slot 5) 192–198 Gobo 5 (wheel slot 6) 199–204 Gobo 6 (wheel slot 7) 205–211 Gobo 7 (wheel slot 8) 212–217 Gobo 8 (wheel slot 9) 218–223 Gobo 9 (wheel slot 10) 224–230 Gobo 10 (wheel slot 11) 231–236 Gobo 11 (wheel slot 12) 237–243 Gobo 12 (wheel slot 13) 244–249 Gobo 13 (wheel slot 14) 250–255 Gobo 14 (wheel slot 15)
5	Prism	0	0–127 Off (wheel slot 1) 128–255 Insert (wheel slot 2)
6	Prism Rotation	0	0–127 Index 128–190 Rot FWD S-F 191–192 Stop 193–255 Rot BWD S-F
7	No Feature	0	
8	Frost1	0	
9	Focus	0	
10	Pan	128	
11	Pan Fine	0	Fine byte of Pan
12	Tilt	128	
13	Tilt Fine	128	Fine byte of Tilt
14	No Feature	0	
15	Fixture Global Reset	0	0–127 No function 128–255 Reset
16	Lamp Control	0	0–25 No function 26–100 Lamp OFF 101–255 Lamp ON

20 Channels

20 channels

Ch	Function	Default	DMX values

20 Channels (continued)

Ch	Function	Default	DMX values
1	Color1Wheel Index	0	0–4 White (wheel slot 1) 5–9 White Red (wheel slot 2) 10–13 Red (wheel slot 2) 14–18 Red Amber (wheel slot 3) 19–22 Amber (wheel slot 3) 23–27 Amber Cyan (wheel slot 4) 28–31 Cyan (wheel slot 4) 32–36 Cyan 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 Yellow (wheel slot 8) 64–68 Yellow (wheel slot 8) 69–72 Yellow Purple (wheel slot 9) 73–77 Purple (wheel slot 9) 78–81 Purple Light Blue (wheel slot 10) 82–86 Light Blue (wheel slot 10) 87–90 Light Blur Orange (wheel slot 11) 91–95 Orange (wheel slot 11) 96–99 Orange CTO (wheel slot 12) 100–104 CTO (wheel slot 12) 105–108 CTO+UV (wheel slot 13) 109–113 UV Blue (wheel slot 13) 114–117 UV Dark Orange (wheel slot 14) 118–122 Dark Orange (wheel slot 14) 123–127 Dark Orange White (wheel slot 1) 128–255 Rainbow FWD
2	Strobe Mode Shutter	252	0–3 Closed 4–103 Pulse S-F 104–107 Open 1 108–207 Strobe S-F 208–212 Open 2 213–251 Random S-F 252–255 Open 3
3	Dimmer	0	

20 Channels (continued)

Ch	Function	Default	DMX values
4	Gobo	0	0–5 Spot (wheel slot 1) 6–10 Gobo 1 (wheel slot 2) 11–15 Gobo 2 (wheel slot 3) 16–20 Gobo 3 (wheel slot 4) 21–25 Gobo 4 (wheel slot 5) 26–30 Gobo 5 (wheel slot 6) 31–35 Gobo 6 (wheel slot 7) 36–40 Gobo 7 (wheel slot 8) 41–45 Gobo 8 (wheel slot 9) 46–50 Gobo 9 (wheel slot 10) 51–55 Gobo 10 (wheel slot 11) 56–60 Gobo 11 (wheel slot 12) 61–65 Gobo 12 (wheel slot 13) 66–70 Gobo 13 (wheel slot 14) 71–75 Gobo 14 (wheel slot 15) 76–120 Gobo FWD 121–122 Stop 123–166 Gobo BWD 167–172 Gobo 1 (wheel slot 2) 173–179 Gobo 2 (wheel slot 3) 180–185 Gobo 3 (wheel slot 4) 186–191 Gobo 4 (wheel slot 5) 192–198 Gobo 5 (wheel slot 6) 199–204 Gobo 6 (wheel slot 7) 205–211 Gobo 7 (wheel slot 8) 212–217 Gobo 8 (wheel slot 9) 218–223 Gobo 9 (wheel slot 10) 224–230 Gobo 10 (wheel slot 11) 231–236 Gobo 11 (wheel slot 12) 237–243 Gobo 12 (wheel slot 13) 244–249 Gobo 13 (wheel slot 14) 250–255 Gobo 14 (wheel slot 15)
5	Prism	0	0–127 Off (wheel slot 1) 128–255 Insert (wheel slot 2)
6	Prism Rotation	0	0–127 Index 128–190 Rot FWD S-F 191–192 Stop 193–255 Rot BWD S-F
7	No Feature	0	
8	Frost1	0	
9	Focus	0	
10	Pan	128	
11	Pan Fine	0	Fine byte of Pan
12	Tilt	128	
13	Tilt Fine	128	Fine byte of Tilt
14	No Feature	0	
15	Fixture Global Reset	0	0–127 No function 128–255 Reset
16	Lamp Control	0	0–25 No function 26–100 Lamp OFF 101–255 Lamp ON
17	Position MSpeed	0	
18	Color Wheel Select MSpeed	0	
19	Focus MSpeed	0	
20	Gobo Wheel1MSpeed	0	