MARK

Beam 201



Manufacturer	**MARK**
Type	**Moving head**
DMX modes	**2**
DMX footprint	**16, 20 channels**
Beam angle	**25°**
Pan range	**540°**
Tilt range	**268°**
Size (W × H × D)	**306 × 485 × 274 mm**
GDTF fixture type	**D52AECF8-3D93-4678-85B5-82…**

Controls

Focus · Frost · Prism · Prism rotation · Colour wheel · Strobe · 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) 18–21 Amber (wheel slot 3) 22–25 Amber + Light Cyan (wheel slot 4) 26–29 Light Cyan (wheel slot 4) 30–34 Light Cyan + Green (wheel slot 5) 35–38 Green (wheel slot 5) 39–42 Green + Lime (wheel slot 6) 43–46 Lime (wheel slot 6) 47–51 Lime + CTB (wheel slot 7) 52–55 CTB (wheel slot 7) 56–59 CTB + Pale Rose (wheel slot 8) 60–63 Pale Rose (wheel slot 8) 64–68 Pale Rose + Yellow (wheel slot 9) 69–72 Yellow (wheel slot 9) 73–76 Yellow + Magenta (wheel slot 10) 77–81 Magenta (wheel slot 10) 82–85 Magenta + Blue (wheel slot 11) 86–89 Blue (wheel slot 11) 90–93 Blue + CTO (wheel slot 12) 94–98 CTO (wheel slot 12) 99–102 CTO + Half CTO (wheel slot 13) 103–106 Half CTO (wheel slot 13) 107–110 Half CTO + White Ghost (wheel slot 14) 111–115 White Ghost (wheel slot 14) 116–119 White Ghost + UV (wheel slot 15) 120–123 UV (wheel slot 15) 124–127 UV + White (wheel slot 1) 128–192 CCW S > F 193–255 CW F > S
2	Shutter1Strobe	107	0–3 Close 4–103 S > F 104–107 Open 108–207 Fast > Slow 208–212 Open 213–251 Slow > Fast 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) 72–112 CCW S > F 113–117 Stop 118–159 CW F > S 160–166 Reducer 1 Shake (wheel slot 2) 167–172 Reducer 2 Shake (wheel slot 3) 173–179 Reducer 3 Shake (wheel slot 4) 180–185 Reducer 4 Shake (wheel slot 5) 186–191 Reducer 5 Shake (wheel slot 6) 192–198 Reducer 6 Shake (wheel slot 7) 199–204 Gobo 1 Shake (wheel slot 8) 205–211 Gobo 2 Shake (wheel slot 9) 212–217 Gobo 3 Shake (wheel slot 10) 218–223 Gobo 4 Shake (wheel slot 11) 224–230 Gobo 5 Shake (wheel slot 12) 231–236 Gobo 6 Shake (wheel slot 13) 237–243 Gobo 7 Shake (wheel slot 14) 244–249 Gobo 8 Shake (wheel slot 15) 250–255 Gobo 9 Shake (wheel slot 16)
5	Prism	0	0–127 Open (wheel slot 1) 128–255 Prism (wheel slot 2)
6	Prism Rotation	0	0–2 No function 3–127 Index 128–190 CW S > F 191–192 Stop 193–255 CCW F > S
7	No Feature	0	
8	Frost1	0	0–127 Open (wheel slot 1) 128–255 Frost (wheel slot 2)
9	Focus	127	
10	Pan	127	
11	Pan Fine	255	Fine byte of Pan
12	Tilt	127	
13	Tilt Fine	255	Fine byte of Tilt
14	No Feature	0	
15	Fixture Global Reset	0	0–25 No function 26–89 Reset 90–127 Reset XY 128–255 Reset All

16 CHANNELS (continued)

Ch	Function	Default	DMX values
16	Lamp Control	0	0–63 No function 64–177 Lamp Off 178–178 Lamp On 179–255 No function

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) 18–21 Amber (wheel slot 3) 22–25 Amber + Light Cyan (wheel slot 4) 26–29 Light Cyan (wheel slot 4) 30–34 Light Cyan + Green (wheel slot 5) 35–38 Green (wheel slot 5) 39–42 Green + Lime (wheel slot 6) 43–46 Lime (wheel slot 6) 47–51 Lime + CTB (wheel slot 7) 52–55 CTB (wheel slot 7) 56–59 CTB + Pale Rose (wheel slot 8) 60–63 Pale Rose (wheel slot 8) 64–68 Pale Rose + Yellow (wheel slot 9) 69–72 Yellow (wheel slot 9) 73–76 Yellow + Magenta (wheel slot 10) 77–81 Magenta (wheel slot 10) 82–85 Magenta + Blue (wheel slot 11) 86–89 Blue (wheel slot 11) 90–93 Blue + CTO (wheel slot 12) 94–98 CTO (wheel slot 12) 99–102 CTO + Half CTO (wheel slot 13) 103–106 Half CTO (wheel slot 13) 107–110 Half CTO + White Ghost (wheel slot 14) 111–115 White Ghost (wheel slot 14) 116–119 White Ghost + UV (wheel slot 15) 120–123 UV (wheel slot 15) 124–127 UV + White (wheel slot 1) 128–192 CCW S > F 193–255 CW F > S
2	Shutter / Strobe	107	0–3 Close 4–103 Strobe Slow > Fast · S > F 104–107 Open 108–207 Strobe Fast > Slow · Fast > Slow 208–212 Open 213–251 Strobe RND S > F · Slow > Fast 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) 72–112 CCW S > F 113–117 Stop 118–159 CW F > S 160–166 Reducer 1 Shake (wheel slot 2) 167–172 Reducer 2 Shake (wheel slot 3) 173–179 Reducer 3 Shake (wheel slot 4) 180–185 Reducer 4 Shake (wheel slot 5) 186–191 Reducer 5 Shake (wheel slot 6) 192–198 Reducer 6 Shake (wheel slot 7) 199–204 Gobo 1 Shake (wheel slot 8) 205–211 Gobo 2 Shake (wheel slot 9) 212–217 Gobo 3 Shake (wheel slot 10) 218–223 Gobo 4 Shake (wheel slot 11) 224–230 Gobo 5 Shake (wheel slot 12) 231–236 Gobo 6 Shake (wheel slot 13) 237–243 Gobo 7 Shake (wheel slot 14) 244–249 Gobo 8 Shake (wheel slot 15) 250–255 Gobo 9 Shake (wheel slot 16)
5	Prism	0	0–127 Open (wheel slot 1) 128–255 Prism (wheel slot 2)
6	Prism Rotation	0	0–2 No function 3–127 Index 128–190 CW S > F 191–192 Stop 193–255 CCW F > S
7	No Feature	0	
8	Frost1	0	0–127 Open (wheel slot 1) 128–255 Frost (wheel slot 2)
9	Focus	127	
10	Pan	128	
11	Pan Fine	0	Fine byte of Pan
12	Tilt	128	
13	Tilt Fine	0	Fine byte of Tilt
14	No Feature	0	
15	Fixture Global Reset	0	0–25 No function 26–89 Reset 90–127 Reset XY 128–255 Reset All

20 CHANNELS (continued)

Ch	Function	Default	DMX values
16	Lamp Control	0	0–63 No function 64–177 Lamp Off 178–178 Lamp On 179–255 No function
17	Position MSpeed	0	
18	No Feature	0	
19	Focus MSpeed	0	
20	No Feature	0	