MARK

Beam350



Manufacturer	**MARK**
Type	**Moving head**
DMX modes	**2**
DMX footprint	**16, 24 channels**
Beam angle	**2.5-25°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**280 × 376 × 202 mm**
GDTF fixture type	**3FF7BDCF-6060-40D2-BF61-F3…**

Controls

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

Safety-relevant functions

Lamp on and off · Fixture reset

DMX modes

16 CHANNELS	16 ch
24 CHANNELS	24 ch

16 CHANNELS

16 channels

Ch	Function	Default	DMX values
1	Pan	128	0–0 Min (wheel slot -2147483648) 1–127 Pan 128–128 Center 129–254 Pan 255–255 Max
2	Tilt	128	0–0 Min (wheel slot -2147483648) 1–127 Tilt 128–128 Center 129–254 Tilt 255–255 Max
3	Position MSpeed	0	0–0 Max Speed 1–254 P/T Speed F > S 255–255 Min Speed
4	Control1	0	0–19 No Function 20–24 Energy Saving Mode 230W 25–129 No Function 2 130–139 Lamp On 140–149 Pan/Tilt Reset 150–159 No Function 3 160–169 Gobo Wheels Reset 170–199 No Function 4 200–209 Reset All 210–229 No Function 5 230–239 Lamp Off 240–255 No Function 6
5	Color Wheel	0	0–8 White (wheel slot 1) 9–17 Deep Red (wheel slot 2) 18–26 Deep Blue (wheel slot 3) 27–35 Yellow (wheel slot 4) 36–44 Green (wheel slot 5) 45–53 Magenta (wheel slot 6) 54–62 Light Blue (wheel slot 7) 63–71 Red (wheel slot 8) 72–80 Deep green (wheel slot 9) 81–89 Amber (wheel slot 10) 90–98 Blue (wheel slot 11) 99–107 Orange (wheel slot 12) 108–116 CTO (wheel slot 13) 117–127 UV (wheel slot 14) 128–189 Index 190–220 Wheel Rotation F > S 221–250 Wheel Rotation S > F 251–255 Audio Color Change
6	No Feature	0	

16 CHANNELS (continued)

Ch	Function	Default	DMX values
7	Gobo	0	0–3 Open (wheel slot 1) 4–9 Reducer 1 (wheel slot 2) 10–15 Reducer 2 (wheel slot 3) 16–21 Reducer 3 (wheel slot 4) 22–27 Gobo 1 (wheel slot 5) 28–33 Gobo 2 (wheel slot 6) 34–39 Gobo 3 (wheel slot 7) 40–45 Gobo 4 (wheel slot 8) 46–51 Gobo 5 (wheel slot 9) 52–57 Gobo 6 (wheel slot 10) 58–63 Gobo 7 (wheel slot 11) 64–69 Gobo 8 (wheel slot 12) 70–75 Gobo 9 (wheel slot 13) 76–81 Gobo 10 (wheel slot 14) 82–87 Gobo 11 (wheel slot 15) 88–95 Reducer 1 Shake S > F (wheel slot 2) 96–103 Reducer 2 Shake S > F (wheel slot 3) 104–111 Reducer 3 Shake S > F (wheel slot 4) 112–119 Gobo 1 Shake S > F (wheel slot 5) 120–127 Gobo 2 Shake S > F (wheel slot 6) 128–135 Gobo 3 Shake S > F (wheel slot 7) 136–143 Gobo 4 Shake S > F (wheel slot 8) 144–151 Gobo 5 Shake S > F (wheel slot 9) 152–159 Gobo 6 Shake S > F (wheel slot 10) 160–167 Gobo 7 Shake S > F (wheel slot 11) 168–175 Gobo 8 Shake S > F (wheel slot 12) 176–183 Gobo 9 Shake S > F (wheel slot 13) 184–191 Gobo 10 Shake S > F (wheel slot 14) 192–199 Gobo 11 Shake S > F (wheel slot 15) 200–200 Min Speed Rotation 201–254 Gobo Wheel Rotation S > F 255–255 Max Speed Rotation
8	Gobo 2	0	0–8 Open (wheel slot 1) 9–17 Gobo Rot 1 (wheel slot 2) 18–26 Gobo Rot 2 (wheel slot 3) 27–35 Gobo Rot 3 (wheel slot 4) 36–44 Gobo Rot 4 (wheel slot 5) 45–53 Gobo Rot 5 (wheel slot 6) 54–62 Gobo Rot 6 (wheel slot 7) 63–71 Gobo Rot 7 (wheel slot 8) 72–80 Gobo Rot 8 (wheel slot 9) 81–89 Gobo Rot 9 (wheel slot 10) 90–97 Gobo Rot 1 Shake S > F (wheel slot 2) 98–106 Gobo Rot 2 Shake S > F (wheel slot 3) 107–115 Gobo Rot 3 Shake S > F (wheel slot 4) 116–124 Gobo Rot 4 Shake S > F (wheel slot 5) 125–133 Gobo Rot 5 Shake S > F (wheel slot 6) 134–142 Gobo Rot 6 Shake S > F (wheel slot 7) 143–151 Gobo Rot 7 Shake S > F (wheel slot 8) 152–160 Gobo Rot 8 Shake S > F (wheel slot 9) 161–169 Gobo Rot 9 Shake S > F (wheel slot 10) 170–179 Gobo Rot 9 (wheel slot 10) 180–180 Max Speed Rotation CW 181–216 Gobo Rot Wheel CW F > S 217–217 Min Speed Rotation CW 218–218 Min Speed Rotation CCW 219–254 Gobo Rot Wheel CCW S > F 255–255 Max Speed Rotation CCW

16 CHANNELS (continued)

Ch	Function	Default	DMX values
9	Gobo Rotation 2	180	0–0 Min Index 1–126 Index 127–127 Max Index 128–128 Rotation CCW Min Speed 129–176 Rotation CCW F > S 177–177 Rotation CCW Max Speed 178–203 Stop Rotation 204–204 Rotation CW Max Speed 205–254 Rotation CW S > F 255–255 Rotation CW Min Speed
10	Prism	0	0–19 Open (wheel slot 1) 20–75 Prism 1 (wheel slot 2) 76–255 Prism 2 (wheel slot 3)
11	Prism Rotation	0	0–0 Min Index 1–126 Index 127–127 Max Index 128–128 Rotation CW Max Speed 129–190 Rotation CW F > S 191–191 Rotation CW Min Speed 192–193 Stop Rotation 194–194 Rotation CCW Min Speed 195–254 Rotation CCW F > S 255–255 Rotation CCW Max Speed
12	Frost1	0	0–0 Open 1–1 Min Frost 2–254 Frost 255–255 Max Frost
13	Zoom	128	0–0 Min Zoom 1–127 Zoom 128–128 Center 129–254 Zoom 255–255 Max Zoom
14	Focus	128	0–0 Min Focus 1–254 Focus 255–255 Max Focus
15	Shutter / Strobe	255	0–31 Close 32–63 Open 1 64–64 Min Strobe 65–94 Strobe S > F 95–95 Max Strobe 96–127 Open 2 128–128 Fade Out Strobe · Max Fade Out 129–142 Fade Out Strobe · Fade Out F > S 143–143 Fade Out Strobe · Min Fade Out 144–144 Fade In Strobe · Min Fade In 145–158 Fade In Strobe · Fade In S > F 159–159 Fade In Strobe · Max Fade In 160–191 Open 3 192–192 Min Random Strobe 193–222 Random Strobe S > F 223–223 Max Random Strobe 224–255 Open
16	Dimmer	0	0–0 Min Dimmer 1–254 Dimmer 255–255 Max Dimmer

24 CHANNELS

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	Position MSpeed	0	0–0 Max Speed 1–254 P/T Speed F > S 255–255 Min Speed
6	Control1	0	0–19 No Function 20–24 Energy Saving Mode 230W 25–129 No Function 2 130–139 Lamp On 140–149 Pan/Tilt Reset 150–159 No Function 3 160–169 Gobo Wheels Reset 170–199 No Function 4 200–209 Reset All 210–229 No Function 5 230–239 Lamp Off 240–255 No Function 6
7	Color Wheel	0	0–8 White (wheel slot 1) 9–17 Deep Red (wheel slot 2) 18–26 Deep Blue (wheel slot 3) 27–35 Yellow (wheel slot 4) 36–44 Green (wheel slot 5) 45–53 Magenta (wheel slot 6) 54–62 Light Blue (wheel slot 7) 63–71 Red (wheel slot 8) 72–80 Deep green (wheel slot 9) 81–89 Amber (wheel slot 10) 90–98 Blue (wheel slot 11) 99–107 Orange (wheel slot 12) 108–116 CTO (wheel slot 13) 117–127 UV (wheel slot 14) 128–189 Index 190–220 Wheel Rotation F > S 221–250 Wheel Rotation S > F 251–255 Audio Color Change
8	No Feature	0	
9	No Feature	0	

24 CHANNELS (continued)

Ch	Function	Default	DMX values
10	Gobo	0	0–3 Open (wheel slot 1) 4–9 Reducer 1 (wheel slot 2) 10–15 Reducer 2 (wheel slot 3) 16–21 Reducer 3 (wheel slot 4) 22–27 Gobo 1 (wheel slot 5) 28–33 Gobo 2 (wheel slot 6) 34–39 Gobo 3 (wheel slot 7) 40–45 Gobo 4 (wheel slot 8) 46–51 Gobo 5 (wheel slot 9) 52–57 Gobo 6 (wheel slot 10) 58–63 Gobo 7 (wheel slot 11) 64–69 Gobo 8 (wheel slot 12) 70–75 Gobo 9 (wheel slot 13) 76–81 Gobo 10 (wheel slot 14) 82–87 Gobo 11 (wheel slot 15) 88–95 Reducer 1 Shake S > F (wheel slot 2) 96–103 Reducer 2 Shake S > F (wheel slot 3) 104–111 Reducer 3 Shake S > F (wheel slot 4) 112–119 Gobo 1 Shake S > F (wheel slot 5) 120–127 Gobo 2 Shake S > F (wheel slot 6) 128–135 Gobo 3 Shake S > F (wheel slot 7) 136–143 Gobo 4 Shake S > F (wheel slot 8) 144–151 Gobo 5 Shake S > F (wheel slot 9) 152–159 Gobo 6 Shake S > F (wheel slot 10) 160–167 Gobo 7 Shake S > F (wheel slot 11) 168–175 Gobo 8 Shake S > F (wheel slot 12) 176–183 Gobo 9 Shake S > F (wheel slot 13) 184–191 Gobo 10 Shake S > F (wheel slot 14) 192–199 Gobo 11 Shake S > F (wheel slot 15) 200–200 Min Speed Rotation 201–254 Gobo Wheel Rotation S > F 255–255 Max Speed Rotation
11	Gobo 2	0	0–8 Open (wheel slot 1) 9–17 Gobo Rot 1 (wheel slot 2) 18–26 Gobo Rot 2 (wheel slot 3) 27–35 Gobo Rot 3 (wheel slot 4) 36–44 Gobo Rot 4 (wheel slot 5) 45–53 Gobo Rot 5 (wheel slot 6) 54–62 Gobo Rot 6 (wheel slot 7) 63–71 Gobo Rot 7 (wheel slot 8) 72–80 Gobo Rot 8 (wheel slot 9) 81–89 Gobo Rot 9 (wheel slot 10) 90–97 Gobo Rot 1 Shake S > F (wheel slot 2) 98–106 Gobo Rot 2 Shake S > F (wheel slot 3) 107–115 Gobo Rot 3 Shake S > F (wheel slot 4) 116–124 Gobo Rot 4 Shake S > F (wheel slot 5) 125–133 Gobo Rot 5 Shake S > F (wheel slot 6) 134–142 Gobo Rot 6 Shake S > F (wheel slot 7) 143–151 Gobo Rot 7 Shake S > F (wheel slot 8) 152–160 Gobo Rot 8 Shake S > F (wheel slot 9) 161–169 Gobo Rot 9 Shake S > F (wheel slot 10) 170–179 Gobo Rot 9 (wheel slot 10) 180–180 Max Speed Rotation CW 181–216 Gobo Rot Wheel CW F > S 217–217 Min Speed Rotation CW 218–218 Min Speed Rotation CCW 219–254 Gobo Rot Wheel CCW S > F 255–255 Max Speed Rotation CCW

24 CHANNELS (continued)

Ch	Function	Default	DMX values
12	Gobo Rotation 2	180	0–0 Min Index 1–126 Index 127–127 Max Index 128–128 Rotation CCW Min Speed 129–176 Rotation CCW F > S 177–177 Rotation CCW Max Speed 178–203 Stop Rotation 204–204 Rotation CW Max Speed 205–254 Rotation CW S > F 255–255 Rotation CW Min Speed
13	No Feature	0	
14	Prism	0	0–19 Open (wheel slot 1) 20–75 Prism 1 (wheel slot 2) 76–255 Prism 2 (wheel slot 3)
15	Prism Rotation	0	0–0 Min Index 1–126 Index 127–127 Max Index 128–128 Rotation CW Max Speed 129–190 Rotation CW F > S 191–191 Rotation CW Min Speed 192–193 Stop Rotation 194–194 Rotation CCW Min Speed 195–254 Rotation CCW F > S 255–255 Rotation CCW Max Speed
16	Frost1	0	0–0 Open 1–1 Min Frost 2–254 Frost 255–255 Max Frost
17	Zoom	128	0–127 Min Zoom 128–254 Center 255–255 Max Zoom
18	Zoom Fine	0	Fine byte of Zoom
19	Focus	128	0–254 Min Focus 255–255 Max Focus
20	Focus Fine	0	Fine byte of Focus
21	No Feature	0	
22	Shutter / Strobe	255	0–31 Close 32–63 Open 1 64–64 Min Strobe 65–94 Strobe S > F 95–95 Max Strobe 96–127 Open 2 128–128 Fade Out Strobe · Max Fade Out 129–142 Fade Out Strobe · Fade Out F > S 143–143 Fade Out Strobe · Min Fade Out 144–144 Fade In Strobe · Min Fade In 145–158 Fade In Strobe · Fade In S > F 159–159 Fade In Strobe · Max Fade In 160–191 Open 3 192–192 Min Random Strobe 193–222 Random Strobe S > F 223–223 Max Random Strobe 224–255 Open
23	Dimmer	0	0–0 Min Dimmer 1–254 Dimmer 255–255 Max Dimmer
24	No Feature	0	