Dea Production

ZEUS (XP 500 BSW IP)



Manufacturer	**Dea Production**
Type	**Moving head**
DMX modes	**2**
DMX footprint	**20, 28 channels**
Beam angle	**3-50°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**258 × 447 × 252 mm**
GDTF fixture type	**4CD02F0A-DDD7-4F7F-8EBF-2…**

Controls

Focus · Frost · Prism · Prism rotation · Zoom · CMY colour mixing · Colour temperature · Colour wheel · Strobe · Dimmer · Pan and tilt · Gobos · Gobo rotation

Safety-relevant functions

Lamp on and off · Fixture reset · Strobe

DMX modes

Mode 2 20 DMX	20 ch
Mode 1 28 DMX	28 ch

Mode 2 20 DMX

20 channels

Ch	Function	Default	DMX values
1	Pan	127	
2	Pan Fine	255	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	P TSpeed	0	
6	Cyan	0	
7	Magenta	0	
8	Yellow	0	
9	C TO	0	
10	Color Wheel	0	0–7 Open (wheel slot 1) 8–16 Color 1 (wheel slot 2) 17–25 Color 2 (wheel slot 3) 26–34 Color 3 (wheel slot 4) 35–43 Color 4 (wheel slot 5) 44–52 Color 5 (wheel slot 6) 53–63 Color 6 (wheel slot 7) 64–67 Open (wheel slot 1) 68–115 Color1 Index 116–119 No Function 120–255 No Function 1
11	Color Wheel 2	0	0–7 Open (wheel slot 1) 8–16 Color 1 (wheel slot 2) 17–25 Color 2 (wheel slot 3) 26–34 Color 3 (wheel slot 4) 35–43 Color 4 (wheel slot 5) 44–52 Color 5 (wheel slot 6) 53–63 Color 6 (wheel slot 7) 64–67 Open (wheel slot 1) 68–115 Color1 Index 116–119 No Function 120–255 No Function 1
12	Shutter / Strobe	104	0–3 Closed 4–102 min Strobe 103–103 max Strobe 104–107 Open 2 108–206 min Pulse 207–207 max Pulse 208–212 Open 3 240–251 Strobe Ran 252–255 Open
13	Dimmer	0	
14	Dimmer Fine	0	Fine byte of Dimmer
15	Frost1	0	0–7 Closed 8–255 Open
16	Zoom	128	
17	Focus	122	
18	Focus Fine	122	Fine byte of Focus
19	C RI	0	0–7 Closed 8–255 Open

Mode 2 20 DMX (continued)

Ch	Function	Default	DMX values
20	Function	0	0–29 No Feature 30–39 Dim Square Law 40–49 Dim Inv Square Law 50–59 Dim Curve Line 60–69 Dim Curve S 70–129 No Feature 130–139 Lamp On 140–149 PT Reset 150–159 BeamReset 160–199 No Feature 200–209 All Reset 210–211 GOBO Path Enabled 212–213 GOBO Path Disabled 214–215 Frost Mode Enabled 216–217 Frost Mode Disabled 218–229 NoFeature 230–239 Lamp Off 240–255 NoFeature

Mode 1 28 DMX

28 channels

Ch	Function	Default	DMX values
1	Cyan	0	
2	Magenta	0	
3	Yellow	0	
4	C TO	0	
5	Color Wheel	0	0–7 Open (wheel slot 1) 8–16 Color 1 (wheel slot 2) 17–25 Color 2 (wheel slot 3) 26–34 Color 3 (wheel slot 4) 35–43 Color 4 (wheel slot 5) 44–52 Color 5 (wheel slot 6) 53–63 Color 6 (wheel slot 7) 64–67 Open (wheel slot 1) 68–115 Color1 Index 116–119 No Function 120–255 No Function 1
6	Color Wheel 2	0	0–7 Open (wheel slot 1) 8–16 Color 1 (wheel slot 2) 17–25 Color 2 (wheel slot 3) 26–34 Color 3 (wheel slot 4) 35–43 Color 4 (wheel slot 5) 44–52 Color 5 (wheel slot 6) 53–63 Color 6 (wheel slot 7) 64–67 Open (wheel slot 1) 68–115 Color1 Index 116–119 No Function 120–255 No Function 1
7	Shutter / Strobe	104	0–3 Closed 4–102 min Strobe 103–103 max Strobe 104–107 Open 2 108–206 min Pulse 207–207 max Pulse 208–212 Open 3 240–251 Strobe Ran 252–255 Open
8	Dimmer	0	

Mode 1 28 DMX (continued)

Ch	Function	Default	DMX values
9	Dimmer Fine	0	Fine byte of Dimmer
10	Gobo	0	0–3 Open 1 (big Light-transmitting hole) (wheel slot 1) 4–7 Open 2 (small Light-transmitting hole) (wheel slot 1) 8–10 Gobo 1 (wheel slot 2) 11–13 Gobo 2 (wheel slot 3) 14–16 Gobo 3 (wheel slot 4) 17–19 Gobo 4 (wheel slot 5) 20–22 Gobo 5 (wheel slot 6) 23–25 Gobo 6 (wheel slot 7) 26–28 Gobo 7 (wheel slot 8) 29–31 Gobo 8 (wheel slot 9) 32–34 Gobo 9 (wheel slot 10) 35–37 Gobo 10 (wheel slot 11) 38–40 Gobo 11 (wheel slot 12) 41–43 Gobo 12 (wheel slot 13) 44–46 Gobo 13 (wheel slot 14) 47–49 Gobo 14 (wheel slot 15) 50–52 Gobo 15 (wheel slot 16) 53–55 Gobo 16 (wheel slot 17) 56–71 No feature 72–112 CW Max 113–113 CW Min 114–117 Stop 118–158 CCW Min 159–159 CCW Max 160–164 Gobo 1 Shake (wheel slot 2) 165–169 Gobo 2 Shake (wheel slot 3) 170–174 Gobo 3 Shake (wheel slot 4) 175–179 Gobo 4 Shake (wheel slot 5) 180–184 Gobo 5 Shake (wheel slot 6) 185–189 Gobo 6 Shake (wheel slot 7) 190–194 Gobo 7 Shake (wheel slot 8) 195–199 Gobo 8 Shake (wheel slot 9) 200–204 Gobo 9 Shake (wheel slot 10) 205–209 Gobo 10 Shake (wheel slot 11) 210–214 Gobo 11 Shake (wheel slot 12) 215–219 Gobo 12 Shake (wheel slot 13) 220–224 Gobo 13 Shake (wheel slot 14) 225–229 Gobo 14 Shake (wheel slot 15) 230–234 Gobo 15 Shake (wheel slot 16) 235–239 Gobo 16 Shake (wheel slot 17) 240–255 No Function

Mode 1 28 DMX (continued)

Ch	Function	Default	DMX values
11	Gobo 2	0	0–7 Open (wheel slot 1) 8–13 Gobo 1 (wheel slot 2) 14–19 Gobo 2 (wheel slot 3) 20–25 Gobo 3 (wheel slot 4) 26–31 Gobo 4 (wheel slot 5) 32–37 Gobo 5 (wheel slot 6) 38–43 Gobo 6 (wheel slot 7) 44–49 Gobo 7 (wheel slot 8) 50–55 Gobo 8 (wheel slot 9) 56–63 Gobo 9 (wheel slot 10) 64–93 max CCW 94–94 min CCW 95–98 Stop (wheel slot 1) 99–128 min CW 129–129 max CW 130–143 Gobo1Shake (wheel slot 2) 144–157 Gobo2 Shake (wheel slot 3) 158–171 Gobo3 Shake (wheel slot 4) 172–185 Gobo4 Shake (wheel slot 5) 186–199 Gobo5 Shake (wheel slot 6) 200–213 Gobo6 Shake (wheel slot 7) 214–227 Gobo7 Shake (wheel slot 8) 228–241 Gobo8 Shake (wheel slot 9) 242–255 Gobo9 Shake (wheel slot 10)
12	Gobo Rotation	0	
13	Gobo Rotation Fine	0	Fine byte of Gobo Rotation
14	Prism	0	0–7 Open (wheel slot 1) 8–255 Prism 1 (wheel slot 2)
15	Prism Rotation	0	0–0 Open (wheel slot 1) 1–127 Index (wheel slot 2) 128–188 max CCW (wheel slot 2) 189–189 min CCW (wheel slot 2) 190–193 Stop (wheel slot 2) 194–254 min CW (wheel slot 2) 255–255 max CW (wheel slot 2)
16	Prism	0	0–7 Open (wheel slot 1) 8–255 Prism2 (wheel slot 2)
17	Prism Rotation	0	0–7 Open (wheel slot 1) 8–127 Index (wheel slot 2) 128–188 max CCW (wheel slot 2) 189–189 min CCW (wheel slot 2) 190–193 Stop (wheel slot 2) 194–254 min CW (wheel slot 2) 255–255 max CW (wheel slot 2)
18	Frost1	0	0–7 Closed 8–255 Open
19	Zoom	128	
20	Focus	122	
21	Focus Fine	122	Fine byte of Focus
22	Pan	127	
23	Pan Fine	127	Fine byte of Pan
24	Tilt	128	
25	Tilt Fine	128	Fine byte of Tilt
26	P TSpeed	0	
27	C RI	0	

Mode 1 28 DMX (continued)

Ch	Function	Default	DMX values
28	Function	0	0–29 No Feature 30–39 Dim Square Law 40–49 Dim Inv Square Law 50–59 Dim Curve Line 60–69 Dim Curve S 70–129 No Feature 130–139 Lamp On 140–149 PT Reset 150–159 BeamReset 160–199 No Feature 200–209 All Reset 210–211 GOBO Path Enabled 212–213 GOBO Path Disabled 214–215 Frost Mode Enabled 216–217 Frost Mode Disabled 218–229 NoFeature 230–239 Lamp Off 240–255 NoFeature