AVTECH

PROBEAM7R



Manufacturer	**AVTECH**
Type	**Moving head**
DMX modes	**2**
DMX footprint	**16, 20 channels**
Beam angle	**25°**
Pan range	**1°**
Tilt range	**1°**
Size (W × H × D)	**240 × 450 × 220 mm**
GDTF fixture type	**023A7462-A906-48C8-891B-AD…**

Controls

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

Safety-relevant functions

Fixture reset · Strobe

DMX modes

16CH SIMPLE	16 ch
20CH EXPAND	20 ch

16CH SIMPLE

16 channels

Ch	Function	Default	DMX values
1	Color1Wheel Index	0	0–4 WHITE (wheel slot 1) 5–9 WHITE +1 10–14 COLOR 1 (wheel slot 2) 15–19 COL 1+2 20–24 COL 2 (wheel slot 3) 25–29 COL 2+3 30–34 COL 3 (wheel slot 4) 35–39 COL 3+4 40–44 COL 4 (wheel slot 5) 45–49 COL 4+5 50–54 COL 5 (wheel slot 6) 55–59 COL 5+6 60–64 COL 6 (wheel slot 7) 65–69 COL 6+7 70–74 COL7 (wheel slot 8) 75–79 COL 7+8 80–84 COL 8 (wheel slot 9) 85–89 COL 8+9 90–94 COL 9 (wheel slot 10) 95–99 COL 9+10 100–104 COL 10 (wheel slot 11) 105–109 COL 10+11 110–114 COL 11 (wheel slot 12) 115–119 COL 11+12 120–124 COL 12 (wheel slot 13) 125–129 COL 12+13 130–134 COL 13 (wheel slot 14) 135–139 COL 13+14 140–144 COL 14 (wheel slot 15) 145–149 COL 14 + WHITE 150–199 COLCKWISE ROT 200–255 COUNTER CLOCKWISE ROT
2	Shutter / Strobe	0	
3	Dimmer	0	

16CH SIMPLE (continued)

Ch	Function	Default	DMX values
4	Gobo1Wheel Index	0	0–4 open (wheel slot 18) 5–9 gob 1 (wheel slot 1) 10–14 gob 2 (wheel slot 2) 15–19 gob 3 (wheel slot 3) 20–24 gob 4 (wheel slot 4) 25–29 gob 5 (wheel slot 5) 30–34 gob 6 (wheel slot 6) 35–39 gob 7 (wheel slot 7) 40–44 gob 8 (wheel slot 8) 45–49 gob 9 (wheel slot 9) 50–54 gob 10 (wheel slot 10) 55–59 gob 11 (wheel slot 11) 60–64 gob 12 (wheel slot 12) 65–69 gob 13 (wheel slot 13) 70–74 gob 14 (wheel slot 14) 75–79 gob 15 (wheel slot 15) 80–84 gob 16 (wheel slot 16) 85–89 gob 17 (wheel slot 17) 90–129 clockwise rot 130–134 stop 135–169 counter-clockwise rot 170–174 gob 1r 175–179 gob 2r 180–184 gob 3r 185–189 gob 4r 190–194 gob 5r 195–199 gob 6r 200–204 gob 7r 205–209 gob 8r 210–214 gob 9r 215–219 gob 10r 220–224 gob 11r 225–229 gob 12r 230–234 gob 13r 235–239 gob 14r 240–244 gob 15r 245–249 gob 16r 250–255 gob 17r
5	Prism	0	
6	Prism Rotation	0	
7	Dummy	0	
8	Frost1	0	
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	Position MSpeed	0	
15	Fixture Global Reset	0	
16	Lamp Control	0	

20CH EXPAND

20 channels

Ch	Function	Default	DMX values

20CH EXPAND (continued)

Ch	Function	Default	DMX values
1	Color1Wheel Index	0	0–4 WHITE (wheel slot 1) 5–9 WHITE +1 10–14 COLOR 1 (wheel slot 2) 15–19 COL 1+2 20–24 COL 2 (wheel slot 3) 25–29 COL 2+3 30–34 COL 3 (wheel slot 4) 35–39 COL 3+4 40–44 COL 4 (wheel slot 5) 45–49 COL 4+5 50–54 COL 5 (wheel slot 6) 55–59 COL 5+6 60–64 COL 6 (wheel slot 7) 65–69 COL 6+7 70–74 COL7 (wheel slot 8) 75–79 COL 7+8 80–84 COL 8 (wheel slot 9) 85–89 COL 8+9 90–94 COL 9 (wheel slot 10) 95–99 COL 9+10 100–104 COL 10 (wheel slot 11) 105–109 COL 10+11 110–114 COL 11 (wheel slot 12) 115–119 COL 11+12 120–124 COL 12 (wheel slot 13) 125–129 COL 12+13 130–134 COL 13 (wheel slot 14) 135–139 COL 13+14 140–144 COL 14 (wheel slot 15) 145–149 COL 14 + WHITE 150–199 COLCKWISE ROT 200–255 COUNTER CLOCKWISE ROT
2	Shutter / Strobe	0	
3	Dimmer	0	

20CH EXPAND (continued)

Ch	Function	Default	DMX values
4	Gobo1Wheel Index	0	0–4 open (wheel slot 18) 5–9 gob 1 (wheel slot 1) 10–14 gob 2 (wheel slot 2) 15–19 gob 3 (wheel slot 3) 20–24 gob 4 (wheel slot 4) 25–29 gob 5 (wheel slot 5) 30–34 gob 6 (wheel slot 6) 35–39 gob 7 (wheel slot 7) 40–44 gob 8 (wheel slot 8) 45–49 gob 9 (wheel slot 9) 50–54 gob 10 (wheel slot 10) 55–59 gob 11 (wheel slot 11) 60–64 gob 12 (wheel slot 12) 65–69 gob 13 (wheel slot 13) 70–74 gob 14 (wheel slot 14) 75–79 gob 15 (wheel slot 15) 80–84 gob 16 (wheel slot 16) 85–89 gob 17 (wheel slot 17) 90–129 clockwise rot 130–134 stop 135–169 counter-clockwise rot 170–174 gob 1r 175–179 gob 2r 180–184 gob 3r 185–189 gob 4r 190–194 gob 5r 195–199 gob 6r 200–204 gob 7r 205–209 gob 8r 210–214 gob 9r 215–219 gob 10r 220–224 gob 11r 225–229 gob 12r 230–234 gob 13r 235–239 gob 14r 240–244 gob 15r 245–249 gob 16r 250–255 gob 17r
5	Prism	0	
6	Prism Rotation	0	
7	Dummy	0	
8	Frost1	0	
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	Position MSpeed	0	
15	Fixture Global Reset	0	
16	Lamp Control	0	
17	Gobo1Select Spin	0	
18	Color1Wheel Spin	0	
19	Focus MSpeed	0	
20	Control1	0	