Atomic Pro

Probeam 8R



Manufacturer	**Atomic Pro**
Type	**Moving head**
DMX modes	**2**
DMX footprint	**16, 20 channels**
Beam angle	**25°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**240 × 450 × 220 mm**
GDTF fixture type	**0DC25832-BE6D-4F8C-B1F0-02…**

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

Mode 1	16 ch
Mode 2	20 ch

Mode 1

16 channels

Ch	Function	Default	DMX values
1	Color Wheel	0	0–4 White (wheel slot 1) 5–9 White + Red (wheel slot 2) 10–14 Red (wheel slot 2) 15–19 Red + Giallo (wheel slot 3) 20–24 Giallo (wheel slot 3) 25–29 Giallo + Magenta (wheel slot 4) 30–34 Magenta (wheel slot 4) 35–39 Magenta + Verde (wheel slot 5) 40–44 Verde (wheel slot 5) 45–49 Verde + Blue (wheel slot 6) 50–54 Blue (wheel slot 6) 55–59 Blue + 5000K (wheel slot 7) 60–64 5000K (wheel slot 7) 65–69 5000K + 8000K (wheel slot 8) 70–74 8000K (wheel slot 8) 75–79 8000K + 4300K (wheel slot 9) 80–84 4300K (wheel slot 9) 85–89 4300K + Ambra (wheel slot 10) 90–94 Ambra (wheel slot 10) 95–99 Ambra + UV (wheel slot 11) 100–104 UV (wheel slot 11) 105–109 UV + 3000K (wheel slot 12) 110–114 3000K (wheel slot 12) 115–119 3000K + Ciano (wheel slot 13) 120–124 Ciano (wheel slot 13) 125–129 Ciano + Lime (wheel slot 14) 130–134 Lime (wheel slot 14) 135–139 Lime + Pink (wheel slot 15) 140–144 Pink (wheel slot 15) 145–149 Pink + White (wheel slot 1) 150–200 Slow to Fast 201–255 Slow To Fast
2	Strobe Mode	0	0–3 Closed 4–103 Slow to Fast 104–107 Open 108–207 Pulse 208–212 Open 213–251 Random Strobe 252–255 Open
3	Dimmer	0	0–254 0% 255–255 100%

Mode 1 (continued)

Ch	Function	Default	DMX values
4	Gobo	0	0–4 Gobo 1 (wheel slot 1) 5–9 Gobo 2 (wheel slot 2) 10–14 Gobo 3 (wheel slot 3) 15–19 Gobo 4 (wheel slot 4) 20–24 Gobo 5 (wheel slot 5) 25–29 Gobo 6 (wheel slot 6) 30–34 Gobo 7 (wheel slot 7) 35–39 Gobo 8 (wheel slot 8) 40–44 Gobo 9 (wheel slot 9) 45–49 Gobo 10 (wheel slot 10) 50–54 Gobo 11 (wheel slot 11) 55–59 Gobo 12 (wheel slot 12) 60–64 Gobo 13 (wheel slot 13) 65–69 Gobo 14 (wheel slot 14) 70–74 Gobo 1 shake (wheel slot 15) 75–79 Gobo 2 shake (wheel slot 16) 80–84 Gobo 3 shake (wheel slot 17) 85–89 Gobo 4 shake (wheel slot 18) 90–94 Gobo 5 shake (wheel slot 19) 95–99 Gobo 6 shake (wheel slot 20) 100–104 Gobo 7 shake (wheel slot 21) 105–109 Gobo 8 shake (wheel slot 22) 110–114 Gobo 9 shake (wheel slot 23) 115–119 Gobo 10 shake (wheel slot 24) 120–124 Gobo 11 shake (wheel slot 25) 125–129 Gobo 12 shake (wheel slot 26) 130–134 Gobo 13 shake (wheel slot 27) 135–139 Gobo 14 shake (wheel slot 28) 140–200 slow to fast 201–255 Slow to fast
5	Prism	0	0–127 No function 128–255 Prism 8 (wheel slot 1)
6	Prism Rotation	0	0–127 Prism Index (wheel slot 1) 128–190 Prism 8 Forward (wheel slot 1) 191–192 Prism 8 Stop (wheel slot 1) 193–255 Prism 8 Revers (wheel slot 1)
7	Prism	0	0–127 No function (wheel slot 1) 128–255 Prism 16 (wheel slot 1)
8	Prism Rotation	0	0–127 Prism 16 Index (wheel slot 1) 128–190 Prism 16 Forward (wheel slot 1) 191–192 Prism 16 Stop (wheel slot 1) 193–255 Prism 16 Reverse (wheel slot 1)
9	Focus	0	0–254 Focus Distant 255–255 Focus Near
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	Frost1	255	0–127 No Frost 128–190 Frost 191–255 Rainbow
16	Control1	0	0–99 No function 100–105 Lamp Off 106–199 No function 200–205 Lamp On 206–250 No function 251–255 Reset

Mode 2

20 channels

Ch	Function	Default	DMX values
1	Color Wheel	0	0–4 White (wheel slot 1) 5–9 White + Red (wheel slot 2) 10–14 Red (wheel slot 2) 15–19 Red + Giallo (wheel slot 3) 20–24 Giallo (wheel slot 3) 25–29 Giallo + Magenta (wheel slot 4) 30–34 Magenta (wheel slot 4) 35–39 Magenta + Verde (wheel slot 5) 40–44 Verde (wheel slot 5) 45–49 Verde + Blue (wheel slot 6) 50–54 Blue (wheel slot 6) 55–59 Blue + 5000K (wheel slot 7) 60–64 5000K (wheel slot 7) 65–69 5000K + 8000K (wheel slot 8) 70–74 8000K (wheel slot 8) 75–79 8000K + 4300K (wheel slot 9) 80–84 4300K (wheel slot 9) 85–89 4300K + Ambra (wheel slot 10) 90–94 Ambra (wheel slot 10) 95–99 Ambra + UV (wheel slot 11) 100–104 UV (wheel slot 11) 105–109 UV + 3000K (wheel slot 12) 110–114 3000K (wheel slot 12) 115–119 3000K + Ciano (wheel slot 13) 120–124 Ciano (wheel slot 13) 125–129 Ciano + Lime (wheel slot 14) 130–134 Lime (wheel slot 14) 135–139 Lime + Pink (wheel slot 15) 140–144 Pink (wheel slot 15) 145–149 Pink + White (wheel slot 1) 150–200 Slow to Fast 201–255 Slow To Fast
2	Strobe Mode	0	0–3 Closed 4–103 Slow to Fast 104–107 Open 108–207 Pulse 208–212 Open 213–251 Random Strobe 252–255 Open
3	Dimmer	0	0–254 0% 255–255 100%

Mode 2 (continued)

Ch	Function	Default	DMX values
4	Gobo	0	0–4 Gobo 1 (wheel slot 1) 5–9 Gobo 2 (wheel slot 2) 10–14 Gobo 3 (wheel slot 3) 15–19 Gobo 4 (wheel slot 4) 20–24 Gobo 5 (wheel slot 5) 25–29 Gobo 6 (wheel slot 6) 30–34 Gobo 7 (wheel slot 7) 35–39 Gobo 8 (wheel slot 8) 40–44 Gobo 9 (wheel slot 9) 45–49 Gobo 10 (wheel slot 10) 50–54 Gobo 11 (wheel slot 11) 55–59 Gobo 12 (wheel slot 12) 60–64 Gobo 13 (wheel slot 13) 65–69 Gobo 14 (wheel slot 14) 70–74 Gobo 1 shake (wheel slot 15) 75–79 Gobo 2 shake (wheel slot 16) 80–84 Gobo 3 shake (wheel slot 17) 85–89 Gobo 4 shake (wheel slot 18) 90–94 Gobo 5 shake (wheel slot 19) 95–99 Gobo 6 shake (wheel slot 20) 100–104 Gobo 7 shake (wheel slot 21) 105–109 Gobo 8 shake (wheel slot 22) 110–114 Gobo 9 shake (wheel slot 23) 115–119 Gobo 10 shake (wheel slot 24) 120–124 Gobo 11 shake (wheel slot 25) 125–129 Gobo 12 shake (wheel slot 26) 130–134 Gobo 13 shake (wheel slot 27) 135–139 Gobo 14 shake (wheel slot 28) 140–200 slow to fast 201–255 Slow to fast
5	Prism	0	0–127 No function 128–255 Prism 8 (wheel slot 1)
6	Prism Rotation	0	0–127 Prism Index (wheel slot 1) 128–190 Prism 8 Forward (wheel slot 1) 191–192 Prism 8 Stop (wheel slot 1) 193–255 Prism 8 Revers (wheel slot 1)
7	Prism	0	0–127 No function (wheel slot 1) 128–255 Prism 16 (wheel slot 1)
8	Prism Rotation	0	0–127 Prism 16 Index (wheel slot 1) 128–190 Prism 16 Forward (wheel slot 1) 191–192 Prism 16 Stop (wheel slot 1) 193–255 Prism 16 Reverse (wheel slot 1)
9	Focus	0	0–254 Focus Distant 255–255 Focus Near
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	Frost1	0	0–127 No Frost 128–190 Frost 191–255 Rainbow
16	Control1	0	0–99 No function 100–105 Lamp Off 106–199 No function 200–205 Lamp On 206–250 No function 251–255 Reset

Mode 2 (continued)

Ch	Function	Default	DMX values
17	No Feature	0	
18	Color Wheel Select MSpeed	0	
19	Intensity MSpeed	0	
20	Gobo Wheel1MSpeed	0	