PR LIGHTING

XR-380BWS (pr-2393)



Manufacturer	**PR LIGHTING**
Type	**Moving head**
DMX modes	**3**
DMX footprint	**24, 28, 33 channels**
Beam angle	**2.3-50°**
Pan range	**540°**
Tilt range	**220°**
Size (W × H × D)	**240 × 450 × 220 mm**
GDTF fixture type	**A7E6D9D8-3C80-4B81-92A5-8B…**

Controls

Focus · Frost · Prism · Prism rotation · Zoom · CMY colour mixing · Colour wheel · Strobe · Dimmer · Gobos · Gobo rotation

Safety-relevant functions

Lamp on and off · Fixture reset · Service functions · Strobe · Built-in effect programmes

DMX modes

Short mode (24ch)	24 ch
Standard mode (28ch)	28 ch
Extend mode (33ch)	33 ch

Short mode (24ch)

24 channels

Ch	Function	Default	DMX values
1	Shutter / Strobe	15	0–10 close 11–25 open 26–225 strobe 226–246 random 247–255 open
2	Dimmer	0	0–254 Closed 255–255 Open
3	Color Macro1	0	0–16 White (wheel slot 1) 17–35 Red (wheel slot 2) 36–54 Yellow (wheel slot 3) 55–73 Green (wheel slot 4) 74–92 Cyan (wheel slot 5) 93–111 UV (wheel slot 6) 112–130 Magenta (wheel slot 7) 131–255 CMY slow to fast (wheel slot 8)
4	Cyan	0	
5	Yellow	0	
6	Magenta	0	
7	Color Wheel	65	0–62 Color1 1 65–69 deep red (wheel slot 2) 70–74 deep blue (wheel slot 3) 75–79 yellow (wheel slot 4) 80–84 green (wheel slot 5) 85–89 magenta (wheel slot 6) 90–94 sky blue (wheel slot 7) 95–99 red (wheel slot 8) 100–104 deep green (wheel slot 9) 105–109 deep yellow (wheel slot 10) 110–114 cyan (wheel slot 11) 115–119 orange (wheel slot 12) 120–124 cto (wheel slot 13) 125–128 UV (wheel slot 14) 130–191 >>> 192–255 <<<
8	Color Wheel Fine	65	Fine byte of Color Wheel
9	Gobo	0	0–19 open (wheel slot 1) 20–31 gobo1 (wheel slot 2) 32–43 gobo4 (wheel slot 3) 44–55 gobo5 (wheel slot 4) 56–67 gobo 4 (wheel slot 5) 68–79 gobo 5 (wheel slot 6) 80–91 gobo6 (wheel slot 7) 92–103 gobo7 (wheel slot 8) 104–115 gobo8 (wheel slot 9) 116–127 gobo9 (wheel slot 10) 128–146 >>> 147–165 <<< 166–175 gobo1 (wheel slot 2) 176–185 gobo4 (wheel slot 5) 186–195 gobo5 (wheel slot 6) 196–205 gobo6 (wheel slot 7) 206–215 gobo7 (wheel slot 8) 216–225 gobo8 (wheel slot 9) 226–235 gobo9 (wheel slot 10) 236–245 gobo10 (wheel slot 11) 246–255 gobo11

Short mode (24ch) (continued)

Ch	Function	Default	DMX values
10	Gobo 2	0	0–0 open (wheel slot 1) 1–12 gobo1 (wheel slot 2) 13–25 gobo2 (wheel slot 3) 26–38 gobo3 (wheel slot 4) 39–51 gobo4 (wheel slot 5) 52–64 gobo5 (wheel slot 6) 65–77 gobo6 (wheel slot 7) 78–90 gobo7 (wheel slot 8) 91–103 gobo8 (wheel slot 9) 104–116 gobo9 (wheel slot 10) 117–127 gobo10 (wheel slot 11) 128–155 >>> 156–183 <<< 184–191 gobo2 (wheel slot 3) 192–199 gobo3 (wheel slot 4) 200–207 gobo4 (wheel slot 5) 208–215 gobo5 (wheel slot 6) 216–223 gobo6 (wheel slot 7) 224–231 gobo7 (wheel slot 8) 232–239 gobo8 (wheel slot 9) 240–247 gobo9 (wheel slot 10) 248–255 gobo10 (wheel slot 11)
11	Gobo Rotation 2	0	0–128 index 129–189 >>> 190–196 stop 197–255 <<<
12	Prism	0	0–16 open (wheel slot 1) 17–255 8 facet prism (wheel slot 2)
13	Prism Rotation	0	0–128 index 129–191 >>> 192–192 stop 193–255 <<<
14	Prism	0	0–16 open (wheel slot 1) 17–255 16 (wheel slot 2)
15	Prism Rotation	0	0–128 index 129–191 >>> 192–192 stop 193–255 <<<
16	Frost1	0	
17	Effect	0	0–10 No effect 11–20 Effect wheel IN 21–255 Rot slow to fast
18	Focus	0	
19	Zoom	255	
20	Diffuser	0	
21	Pan	128	
22	Tilt	128	
23	P TSpeed	0	

Short mode (24ch) (continued)

Ch	Function	Default	DMX values
24	Control1	0	0–19 safe 20–24 display ON 25–29 display OFF 30–34 safe 35–39 Lamp Half power 40–44 Lamp Full power 45–89 safe 90–94 P/T speed mode 95–99 P/T time mode 100–129 safe 130–139 lamp on 140–149 P/T reset 150–159 Color reset 160–169 Gobo reset 170–179 Dimmer reset 180–189 Zoom reset 190–199 safe 200–209 reset 210–229 safe 230–239 lamp off 240–255 safe

Standard mode (28ch)

28 channels

Ch	Function	Default	DMX values
1	Shutter / Strobe	15	0–10 close 11–25 open 26–225 strobe 226–246 random 247–255 open
2	Dimmer	0	0–254 Closed 255–255 Open
3	Dimmer Fine	0	Fine byte of Dimmer
4	Color Macro1	0	0–16 White (wheel slot 1) 17–35 Red (wheel slot 2) 36–54 Yellow (wheel slot 3) 55–73 Green (wheel slot 4) 74–92 Cyan (wheel slot 5) 93–111 UV (wheel slot 6) 112–130 Magenta (wheel slot 7) 131–255 CMY slow to fast (wheel slot 8)
5	Cyan	0	
6	Yellow	0	
7	Magenta	0	

Standard mode (28ch) (continued)

Ch	Function	Default	DMX values
8	Color Wheel	0	0–62 Color1 65–69 deep red (wheel slot 2) 70–74 blue (wheel slot 3) 75–79 yellow (wheel slot 4) 80–84 green (wheel slot 5) 85–89 magenta (wheel slot 6) 90–94 cyan (wheel slot 7) 95–99 red (wheel slot 8) 100–104 deep green (wheel slot 9) 105–109 deep yellow (wheel slot 10) 110–114 dark blue (wheel slot 11) 115–119 orange (wheel slot 12) 120–124 cto (wheel slot 13) 125–127 UV (wheel slot 14) 130–191 >>> 192–255 <<<
9	Color Wheel Fine	0	Fine byte of Color Wheel
10	Gobo	0	0–19 open (wheel slot 1) 20–31 gobo1 (wheel slot 2) 32–43 gobo4 (wheel slot 3) 44–55 gobo5 (wheel slot 4) 56–67 gobo 4 (wheel slot 5) 68–79 gobo 5 (wheel slot 6) 80–91 gobo6 (wheel slot 7) 92–103 gobo7 (wheel slot 8) 104–115 gobo8 (wheel slot 9) 116–127 gobo9 (wheel slot 10) 128–146 >>> 147–165 <<< 166–175 gobo1 (wheel slot 2) 176–185 gobo4 (wheel slot 5) 186–195 gobo5 (wheel slot 6) 196–205 gobo6 (wheel slot 7) 206–215 gobo7 (wheel slot 8) 216–225 gobo8 (wheel slot 9) 226–235 gobo9 (wheel slot 10) 236–245 gobo10 (wheel slot 11) 246–255 gobo11
11	Gobo 2	0	0–0 open (wheel slot 1) 1–12 gobo1 (wheel slot 2) 13–25 gobo2 (wheel slot 3) 26–38 gobo3 (wheel slot 4) 39–51 gobo4 (wheel slot 5) 52–64 gobo5 (wheel slot 6) 65–77 gobo6 (wheel slot 7) 78–90 gobo7 (wheel slot 8) 91–103 gobo8 (wheel slot 9) 104–116 gobo9 (wheel slot 10) 117–127 gobo10 (wheel slot 11) 128–155 >>> 156–183 <<< 184–191 gobo2 (wheel slot 3) 192–199 gobo3 (wheel slot 4) 200–207 gobo4 (wheel slot 5) 208–215 gobo5 (wheel slot 6) 216–223 gobo6 (wheel slot 7) 224–231 gobo7 (wheel slot 8) 232–239 gobo8 (wheel slot 9) 240–247 gobo9 (wheel slot 10) 248–255 gobo10 (wheel slot 11)

Standard mode (28ch) (continued)

Ch	Function	Default	DMX values
12	Gobo Rotation 2	0	0–127 index 129–188 >>> 189–195 stop 196–255 <<<
13	Gobo Rotation 2 Fine	0	Fine byte of Gobo Rotation 2
14	Prism	0	0–16 open (wheel slot 1) 17–255 8 facet prism (wheel slot 2)
15	Prism Rotation	0	0–128 index 129–191 >>> 192–192 stop 193–255 <<<
16	Prism	0	0–16 open (wheel slot 1) 17–255 16 (wheel slot 2)
17	Prism Rotation	0	0–128 index 129–191 >>> 192–192 stop 193–255 <<<
18	Frost1	0	
19	Effect	0	0–10 No effect 11–20 Effect wheel IN 21–255 Rot slow to fast
20	Focus	0	
21	Zoom	255	
22	Diffuser	0	
23	Pan	128	
24	Pan Fine	0	Fine byte of Pan
25	Tilt	128	
26	Tilt Fine	0	Fine byte of Tilt
27	P TSpeed	0	
28	Control1	0	0–19 safe 20–24 display ON 25–29 display OFF 30–34 safe 35–39 Lamp Half power 40–44 Lamp Full power 45–89 safe 90–94 P/T speed mode 95–99 P/T time mode 100–129 safe 130–139 lamp on 140–149 P/T reset 150–159 Color reset 160–169 Gobo reset 170–179 Dimmer reset 180–189 Zoom reset 190–199 safe 200–209 reset 210–229 safe 230–239 lamp off 240–255 safe

Extend mode (33ch)

33 channels

Ch	Function	Default	DMX values
1	Shutter / Strobe	15	0–10 close 11–25 open 26–225 strobe 226–246 random 247–255 open
2	Dimmer	0	0–254 Closed 255–255 Open
3	Dimmer Fine	0	Fine byte of Dimmer
4	Color Macro1	0	0–16 White (wheel slot 1) 17–35 Red (wheel slot 2) 36–54 Yellow (wheel slot 3) 55–73 Green (wheel slot 4) 74–92 Cyan (wheel slot 5) 93–111 UV (wheel slot 6) 112–130 Magenta (wheel slot 7) 131–255 CMY slow to fast (wheel slot 8)
5	Cyan	0	
6	Cyan Fine	0	Fine byte of Cyan
7	Yellow	0	
8	Yellow Fine	0	Fine byte of Yellow
9	Magenta	0	
10	Magenta Fine	0	Fine byte of Magenta
11	Color Wheel	65	0–62 Color1 1 65–69 deep red (wheel slot 2) 70–74 deep blue (wheel slot 3) 75–79 yellow (wheel slot 4) 80–84 green (wheel slot 5) 85–89 magenta (wheel slot 6) 90–94 sky blue (wheel slot 7) 95–99 red (wheel slot 8) 100–104 deep green (wheel slot 9) 105–109 deep yellow (wheel slot 10) 110–114 cyan (wheel slot 11) 115–119 orange (wheel slot 12) 120–124 cto (wheel slot 13) 125–128 UV (wheel slot 14) 130–191 >>> 192–255 <<<
12	Color Wheel Fine	65	Fine byte of Color Wheel

Extend mode (33ch) (continued)

Ch	Function	Default	DMX values
13	Gobo	0	0–19 open (wheel slot 1) 20–31 gobo1 (wheel slot 2) 32–43 gobo4 (wheel slot 3) 44–55 gobo5 (wheel slot 4) 56–67 gobo 4 (wheel slot 5) 68–79 gobo 5 (wheel slot 6) 80–91 gobo6 (wheel slot 7) 92–103 gobo7 (wheel slot 8) 104–115 gobo8 (wheel slot 9) 116–127 gobo9 (wheel slot 10) 128–146 >>> 147–165 <<< 166–175 gobo1 (wheel slot 2) 176–185 gobo4 (wheel slot 5) 186–195 gobo5 (wheel slot 6) 196–205 gobo6 (wheel slot 7) 206–215 gobo7 (wheel slot 8) 216–225 gobo8 (wheel slot 9) 226–235 gobo9 (wheel slot 10) 236–245 gobo10 (wheel slot 11) 246–255 gobo11
14	Gobo 2	0	0–0 open (wheel slot 1) 1–12 gobo1 (wheel slot 2) 13–25 gobo2 (wheel slot 3) 26–38 gobo3 (wheel slot 4) 39–51 gobo4 (wheel slot 5) 52–64 gobo5 (wheel slot 6) 65–77 gobo6 (wheel slot 7) 78–90 gobo7 (wheel slot 8) 91–103 gobo8 (wheel slot 9) 104–116 gobo9 (wheel slot 10) 117–127 gobo10 (wheel slot 11) 128–155 >>> 156–183 <<< 184–191 gobo2 (wheel slot 3) 192–199 gobo3 (wheel slot 4) 200–207 gobo4 (wheel slot 5) 208–215 gobo5 (wheel slot 6) 216–223 gobo6 (wheel slot 7) 224–231 gobo7 (wheel slot 8) 232–239 gobo8 (wheel slot 9) 240–247 gobo9 (wheel slot 10) 248–255 gobo10 (wheel slot 11)
15	Gobo Rotation 2	0	0–127 index 129–188 >>> 189–195 stop 196–255 <<<<
16	Gobo Rotation 2 Fine	0	Fine byte of Gobo Rotation 2
17	Prism	0	0–16 open (wheel slot 1) 17–255 8 facet prism (wheel slot 2)
18	Prism Rotation	0	0–128 index 129–191 >>> 192–192 stop 193–255 <<<<
19	Prism	0	0–16 open (wheel slot 1) 17–255 16 (wheel slot 2)
20	Prism Rotation	0	0–128 index 129–191 >>> 192–192 stop 193–255 <<<<

Extend mode (33ch) (continued)

Ch	Function	Default	DMX values
21	Frost1	0	
22	Effect	0	0–10 No effect 11–20 Effect wheel IN 21–255 Rot slow to fast
23	Focus	0	
24	Focus Fine	0	Fine byte of Focus
25	Zoom	255	
26	Zoom Fine	255	Fine byte of Zoom
27	Diffuser	0	
28	Pan	128	
29	Pan Fine	0	Fine byte of Pan
30	Tilt	128	
31	Tilt Fine	0	Fine byte of Tilt
32	P TSpeed	0	
33	Control1	0	0–19 safe 20–24 display ON 25–29 display OFF 30–34 safe 35–39 Lamp Half power 40–44 Lamp Full power 45–89 safe 90–94 P/T speed mode 95–99 P/T time mode 100–129 safe 130–139 lamp on 140–149 P/T reset 150–159 Color reset 160–169 Gobo reset 170–179 Dimmer reset 180–189 Zoom reset 190–199 safe 200–209 reset 210–229 safe 230–239 lamp off 240–255 safe