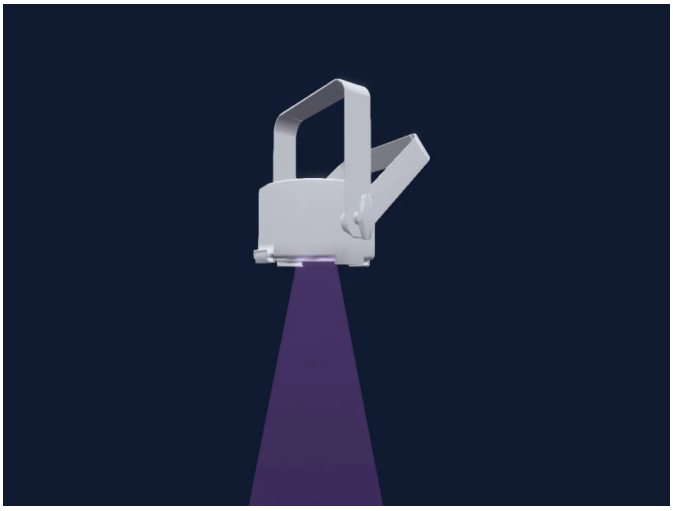
Chauvet Professional

COLORdash PAR H7X



Manufacturer	**Chauvet Professional**
Type	**PAR**
DMX modes	**5**
DMX footprint	**6, 8, 9, 13, 14 channels**
Beam angle	**22.7°**
Size (W × H × D)	**239 × 215 × 175 mm**
GDTF fixture type	**8A61C247-82C3-11ED-9BEA-52…**

Controls

Extra LED colours · RGB colour mixing · Colour temperature · Colour wheel · Effect speed · Strobe · Dimmer

Safety-relevant functions

Strobe · Built-in effect programmes

DMX modes

6Ch	6 ch
8Ch	8 ch
9Ch	9 ch
13Ch	13 ch
14Ch	14 ch

6Ch

6 channels

Ch	Function	Default	DMX values
1	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
2	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
3	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
4	Color Add RY	0	0–0 Min 1–254 Min > Max 255–255 Max
5	White	255	0–0 Min 1–254 Min > Max 255–255 Max
6	UV	0	0–0 Min 1–254 Min > Max 255–255 Max

8Ch

8 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max
2	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
3	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
4	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
5	Color Add RY	0	0–0 Min 1–254 Min > Max 255–255 Max
6	White	255	0–0 Min 1–254 Min > Max 255–255 Max
7	UV	0	0–0 Min 1–254 Min > Max 255–255 Max
8	Shutter / Strobe	0	0–10 Shutter Open - Shutter Open 11–255 Strobe S > F - Strobe

9Ch

9 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Red	255	0–0 Min 1–254 Min > Max 255–255 Max

9Ch (continued)

Ch	Function	Default	DMX values
4	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
5	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
6	Color Add RY	0	0–0 Min 1–254 Min > Max 255–255 Max
7	White	255	0–0 Min 1–254 Min > Max 255–255 Max
8	UV	0	0–0 Min 1–254 Min > Max 255–255 Max
9	Shutter / Strobe	0	0–10 Shutter Open - Shutter Open 11–255 Strobe S > F - Strobe

13Ch

13 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–0 Min 1–254 Min > Max 255–255 Max
2	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
3	Green	255	0–0 Min 1–254 Min > Max 255–255 Max
4	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
5	Color Add RY	0	0–0 Min 1–254 Min > Max 255–255 Max
6	White	255	0–0 Min 1–254 Min > Max 255–255 Max
7	UV	0	0–0 Min 1–254 Min > Max 255–255 Max
8	Shutter / Strobe	0	0–10 Shutter Open - Shutter Open 11–255 Strobe S > F - Strobe

13Ch (continued)

Ch	Function	Default	DMX values
9	Color Macro1	0	0–10 No Func - Custom 11–11 Red Full - Color (wheel slot 1) 12–29 Red Full Green Increases - Color (wheel slot 2) 30–30 Red And Green Full - Color (wheel slot 3) 31–49 Green Full Red Decreases - Color (wheel slot 4) 50–50 Green Full - Color (wheel slot 5) 51–69 Green Full Blue Increases - Color (wheel slot 6) 70–70 Green And Blue Full - Color (wheel slot 7) 71–89 Blue Full Green Decreases - Color (wheel slot 8) 90–90 Blue Full - Color (wheel slot 9) 91–109 Blue Full Red Increases - Color (wheel slot 10) 110–110 Red And Blue Full - Color (wheel slot 11) 111–129 Red Full Blue Decreases - Color (wheel slot 12) 130–130 Red Full - Color (wheel slot 1) 131–149 Red Full Green And Blue Increases - Color (wheel ... 150–150 Red Green And Blue Full - Color (wheel slot 14) 151–169 Blue Full Red And Green Decrease - Color (wheel s... 170–170 Blue Full - Color (wheel slot 9) 171–200 Red Green And Blue Full - Color (wheel slot 14) 201–255 Color Temp Warm > Cool - CTC
10	C TC	0	0–5 No Func - Custom 6–25 Warm White 1 - CTC 26–50 Warm White 2 - CTC 51–75 Warm White 3 - CTC 76–100 Neutral White 1 - CTC 101–125 Neutral White 2 - CTC 126–150 Neutral White 3 - CTC 151–175 Daylight 1 - CTC 176–200 Daylight 2 - CTC 201–225 Daylight 3 - CTC 226–250 Daylight 4 - CTC 251–255 No Func - Custom
11	Effect	0	0–10 No Func - Custom 11–60 Auto Program 1 - Macro 61–110 Auto Program 2 - Macro 111–160 Auto Program 3 - Macro 161–210 Auto Program 4 - Macro 211–255 Auto Program 5 - Macro
12	Effect Speed	0	0–0 Min 1–254 Min > Max 255–255 Max
13	Dimmer Mode	0	0–51 Preset Dim Spd Fr Display Menu - Custom 52–101 Linear Dimmer - Custom 102–152 Dimmer Mode 1 - Custom 153–203 Dimmer Mode 2 - Custom 204–255 Dimmer Mode 3 - Custom

14Ch

14 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Red	255	0–0 Min 1–254 Min > Max 255–255 Max
4	Green	255	0–0 Min 1–254 Min > Max 255–255 Max

14Ch (continued)

Ch	Function	Default	DMX values
5	Blue	255	0–0 Min 1–254 Min > Max 255–255 Max
6	Color Add RY	0	0–0 Min 1–254 Min > Max 255–255 Max
7	White	255	0–0 Min 1–254 Min > Max 255–255 Max
8	UV	0	0–0 Min 1–254 Min > Max 255–255 Max
9	Shutter / Strobe	0	0–10 Shutter Open - Shutter Open 11–255 Strobe S > F - Strobe
10	Color Macro1	0	0–10 No Func - Custom 11–11 Red Full - Color (wheel slot 1) 12–29 Red Full Green Increases - Color (wheel slot 2) 30–30 Red And Green Full - Color (wheel slot 3) 31–49 Green Full Red Decreases - Color (wheel slot 4) 50–50 Green Full - Color (wheel slot 5) 51–69 Green Full Blue Increases - Color (wheel slot 6) 70–70 Green And Blue Full - Color (wheel slot 7) 71–89 Blue Full Green Decreases - Color (wheel slot 8) 90–90 Blue Full - Color (wheel slot 9) 91–109 Blue Full Red Increases - Color (wheel slot 10) 110–110 Red And Blue Full - Color (wheel slot 11) 111–129 Red Full Blue Decreases - Color (wheel slot 12) 130–130 Red Full - Color (wheel slot 1) 131–149 Red Full Green And Blue Increases - Color (wheel ... 150–150 Red Green And Blue Full - Color (wheel slot 14) 151–169 Blue Full Red And Green Decrease - Color (wheel s... 170–170 Blue Full - Color (wheel slot 9) 171–200 Red Green And Blue Full - Color (wheel slot 14) 201–255 Color Temp Warm > Cool - CTC
11	C TC	0	0–5 No Func - Custom 6–25 Warm White 1 - CTC 26–50 Warm White 2 - CTC 51–75 Warm White 3 - CTC 76–100 Neutral White 1 - CTC 101–125 Neutral White 2 - CTC 126–150 Neutral White 3 - CTC 151–175 Daylight 1 - CTC 176–200 Daylight 2 - CTC 201–225 Daylight 3 - CTC 226–250 Daylight 4 - CTC 251–255 No Func - Custom
12	Effect	0	0–10 No Func - Custom 11–60 Auto Program 1 - Macro 61–110 Auto Program 2 - Macro 111–160 Auto Program 3 - Macro 161–210 Auto Program 4 - Macro 211–255 Auto Program 5 - Macro
13	Effect Speed	0	0–0 Min 1–254 Min > Max 255–255 Max

14Ch (continued)

Ch	Function	Default	DMX values
14	Dimmer Mode	0	0–51 Preset Dim Spd Fr Display Menu - Custom 52–101 Linear Dimmer - Custom 102–152 Dimmer Mode 1 - Custom 153–203 Dimmer Mode 2 - Custom 204–255 Dimmer Mode 3 - Custom