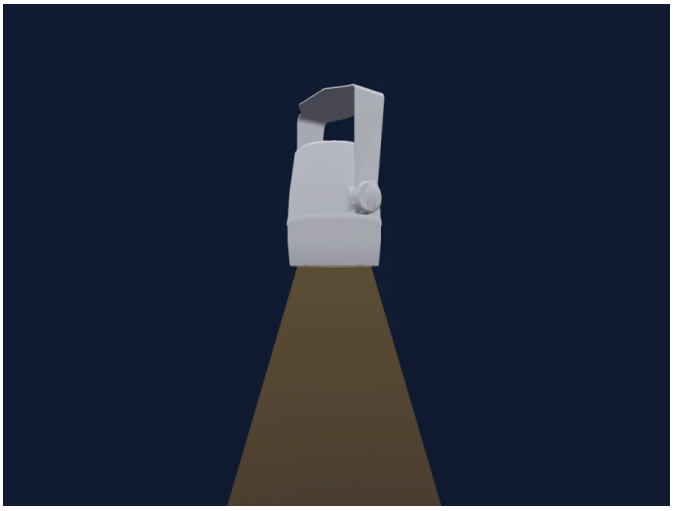
ROXX

Show FC



Manufacturer	**ROXX**
Type	**PAR**
DMX modes	**12**
DMX footprint	**3, 4, 6, 8, 9, 10, 11, 14, 16 channels**
Beam angle	**35°**
Size (W × H × D)	**260 × 242 × 130 mm**
GDTF fixture type	**424BBDD4-1B2F-4004-B3F4-3D…**

Controls

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

Safety-relevant functions

Fixture reset

DMX modes

3CH CCT	3 ch
3CH HSI	3 ch
3CH RGB	3 ch
4CH Direct	4 ch
6CH RGB	6 ch
8CH Direct	8 ch
9CH RGB	9 ch
10CH HSI	10 ch
11CH Direct	11 ch
11CH RGB	11 ch
14CH RGB	14 ch
16CH Direct	16 ch

3CH CCT

3 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	C TC	2	
3	Tint	128	0–0 NoFeature 1 1–127 Magenta --> Neutral 128–128 Neutral 129–255 Neutral --> Green

3CH HSI

3 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	H SBHue	0	
3	H SBSaturation	0	

3CH RGB

3 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Green	0	
3	Blue	0	

4CH Direct

4 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Green	0	
3	Blue	0	
4	Color Add GY	0	

6CH RGB

6 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Red Fine	0	Fine byte of Red
3	Green	0	
4	Green Fine	0	Fine byte of Green
5	Blue	0	
6	Blue Fine	0	Fine byte of Blue

8CH Direct

8 channels

Ch	Function	Default	DMX values
1	Red	0	
2	Red Fine	0	Fine byte of Red
3	Green	0	
4	Green Fine	0	Fine byte of Green
5	Blue	0	

8CH Direct (continued)

Ch	Function	Default	DMX values
6	Blue Fine	0	Fine byte of Blue
7	Color Add GY	0	
8	Color Add GY Fine	0	Fine byte of Color Add GY

9CH RGB

9 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Shutter / Strobe	22	0–19 Shutter Close 20–24 Shutter Open 25–63 Fast Strobe 64–64 Slow Strobe 65–69 Open 70–83 Fast Pulse 84–84 Slow Pulse 85–89 Open 90–103 Fast Pulse 104–104 Slow Pulse 105–109 Open 110–123 Fast Strobe 124–124 Slow Strobe 125–129 Open 130–143 Fast Pulse 144–144 Slow Pulse 145–149 Open 150–163 Fast Pulse 164–164 Slow Pulse 165–169 Open 170–183 Fast Pulse 184–184 Slow Pulse 185–189 Open 190–203 Fast Pulse 204–204 Slow Pulse 205–209 Open 210–223 Fast Sin Wave 224–224 Slow Sin Wave 225–229 Open 230–243 Fast Burst 244–244 Slow Burst 245–255 Open
3	Red	255	
4	Green	255	
5	Blue	255	
6	C TC	2	
7	Tint	128	0–0 NoFeature 1 1–127 Magenta --> Neutral 128–128 Neutral 129–255 Neutral --> Green
8	Color Macro1	0	

9CH RGB (continued)

Ch	Function	Default	DMX values
9	Color Macro XFade	3	0–5 No Function 6–104 1/10s 105–105 10s 106–213 11s 214–214 119s 215–243 2m 244–244 4m50s 245–254 5m 255–255 15m

10CH HSI

10 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer
3	Shutter / Strobe	22	0–19 Shutter Close 20–24 Shutter Open 25–63 Fast Strobe 64–64 Slow Strobe 65–69 Open 70–83 Fast Pulse 84–84 Slow Pulse 85–89 Open 90–103 Fast Pulse 104–104 Slow Pulse 105–109 Open 110–123 Fast Strobe 124–124 Slow Strobe 125–129 Open 130–143 Fast Pulse 144–144 Slow Pulse 145–149 Open 150–163 Fast Pulse 164–164 Slow Pulse 165–169 Open 170–183 Fast Pulse 184–184 Slow Pulse 185–189 Open 190–203 Fast Pulse 204–204 Slow Pulse 205–209 Open 210–223 Fast Sin Wave 224–224 Slow Sin Wave 225–229 Open 230–243 Fast Burst 244–244 Slow Burst 245–255 Open
4	H SBHue	0	
5	H SBSaturation	0	
6	C TC	2	
7	Tint	128	0–0 NoFeature 1 1–127 Magenta --> Neutral 128–128 Neutral 129–255 Neutral --> Green
8	Color Macro1	0	

10CH HSI (continued)

Ch	Function	Default	DMX values
9	Color Macro XFade	3	0–5 No Function 6–104 1/10s 105–105 10s 106–213 11s 214–214 119s 215–243 2m 244–244 4m50s 245–254 5m 255–255 15m
10	Control1	15	0–29 No Function 30–34 Linear Dimmer Curve 35–39 Exponential DImmer Curve 40–44 Logarithimic Dimmer Curve 45–49 S-Curve DImmer Curve 50–54 Fast Dimmer Response (LED) 55–59 Slow Dimmer Response (Halogen) 60–94 No Function 95–99 LED Frequency 800Hz 100–104 LED Frequency 1200Hz 105–109 LED Frequency 2000Hz 110–114 LED Frequency 3600Hz 115–119 LED Frequency 12kHz 120–124 LED Frequency 25kHz 125–129 No Function 130–134 Fan Auto 135–139 Fan Silent 140–144 Fan Studio 145–149 Fan Off 150–154 Fan High Power 155–159 No Function 160–164 Redshift On 165–169 Redshift Off 170–174 Normal CRI 175–179 High CRI 180–184 Factory Reset 185–189 User Reset 190–255 No Function

11CH Direct

11 channels

Ch	Function	Default	DMX values
1	Dimmer	0	

11CH Direct (continued)

Ch	Function	Default	DMX values
2	Shutter / Strobe	22	0–19 Shutter Close 20–24 Shutter Open 25–63 Fast Strobe 64–64 Slow Strobe 65–69 Open 70–83 Fast Pulse 84–84 Slow Pulse 85–89 Open 90–103 Fast Pulse 104–104 Slow Pulse 105–109 Open 110–123 Fast Strobe 124–124 Slow Strobe 125–129 Open 130–143 Fast Pulse 144–144 Slow Pulse 145–149 Open 150–163 Fast Pulse 164–164 Slow Pulse 165–169 Open 170–183 Fast Pulse 184–184 Slow Pulse 185–189 Open 190–203 Fast Pulse 204–204 Slow Pulse 205–209 Open 210–223 Fast Sin Wave 224–224 Slow Sin Wave 225–229 Open 230–243 Fast Burst 244–244 Slow Burst 245–255 Open
3	Red	255	
4	Green	255	
5	Blue	255	
6	Color Add GY	255	
7	C TC	2	
8	Tint	128	0–0 NoFeature 1 1–127 Magenta --> Neutral 128–128 Neutral 129–255 Neutral --> Green
9	Color Macro1	0	
10	Color Macro XFade	3	0–5 No Function 6–104 1/10s 105–105 10s 106–213 11s 214–214 119s 215–243 2m 244–244 4m50s 245–254 5m 255–255 15m

11CH Direct (continued)

Ch	Function	Default	DMX values
11	Control1	15	0–29 No Function 30–34 Linear Dimmer Curve 35–39 Exponential DImmer Curve 40–44 Logarithimic Dimmer Curve 45–49 S-Curve DImmer Curve 50–54 Fast Dimmer Response (LED) 55–59 Slow Dimmer Response (Halogen) 60–94 No Function 95–99 LED Frequency 800Hz 100–104 LED Frequency 1200Hz 105–109 LED Frequency 2000Hz 110–114 LED Frequency 3600Hz 115–119 LED Frequency 12kHz 120–124 LED Frequency 25kHz 125–129 No Function 130–134 Fan Auto 135–139 Fan Silent 140–144 Fan Studio 145–149 Fan Off 150–154 Fan High Power 155–159 No Function 160–164 Redshift On 165–169 Redshift Off 170–174 Normal CRI 175–179 High CRI 180–184 Factory Reset 185–189 User Reset 190–255 No Function

11CH RGB

11 channels

Ch	Function	Default	DMX values
1	Dimmer	0	

11CH RGB (continued)

Ch	Function	Default	DMX values
2	Shutter / Strobe	22	0–19 Shutter Close 20–24 Shutter Open 25–63 Fast Strobe 64–64 Slow Strobe 65–69 Open 70–83 Fast Pulse 84–84 Slow Pulse 85–89 Open 90–103 Fast Pulse 104–104 Slow Pulse 105–109 Open 110–123 Fast Strobe 124–124 Slow Strobe 125–129 Open 130–143 Fast Pulse 144–144 Slow Pulse 145–149 Open 150–163 Fast Pulse 164–164 Slow Pulse 165–169 Open 170–183 Fast Pulse 184–184 Slow Pulse 185–189 Open 190–203 Fast Pulse 204–204 Slow Pulse 205–209 Open 210–223 Fast Sin Wave 224–224 Slow Sin Wave 225–229 Open 230–243 Fast Burst 244–244 Slow Burst 245–255 Open
3	Strobe Duration	0	0–254 0% 255–255 100%
4	Red	255	
5	Green	255	
6	Blue	255	
7	C TC	2	
8	Tint	128	0–0 NoFeature 1 1–127 Magenta --> Neutral 128–128 Neutral 129–255 Neutral --> Green
9	Color Macro1	0	
10	Color Macro XFade	3	0–5 No Function 6–104 1/10s 105–105 10s 106–213 11s 214–214 119s 215–243 2m 244–244 4m50s 245–254 5m 255–255 15m

11CH RGB (continued)

Ch	Function	Default	DMX values
11	Control1	15	0–29 No Function 30–34 Linear Dimmer Curve 35–39 Exponential DImmer Curve 40–44 Logarithimic Dimmer Curve 45–49 S-Curve DImmer Curve 50–54 Fast Dimmer Response (LED) 55–59 Slow Dimmer Response (Halogen) 60–94 No Function 95–99 LED Frequency 800Hz 100–104 LED Frequency 1200Hz 105–109 LED Frequency 2000Hz 110–114 LED Frequency 3600Hz 115–119 LED Frequency 12kHz 120–124 LED Frequency 25kHz 125–129 No Function 130–134 Fan Auto 135–139 Fan Silent 140–144 Fan Studio 145–149 Fan Off 150–154 Fan High Power 155–159 No Function 160–164 Redshift On 165–169 Redshift Off 170–174 Normal CRI 175–179 High CRI 180–184 Factory Reset 185–189 User Reset 190–255 No Function

14CH RGB

14 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer

14CH RGB (continued)

Ch	Function	Default	DMX values
3	Shutter / Strobe	22	0–19 Shutter Close 20–24 Shutter Open 25–63 Fast Strobe 64–64 Slow Strobe 65–69 Open 70–83 Fast Pulse 84–84 Slow Pulse 85–89 Open 90–103 Fast Pulse 104–104 Slow Pulse 105–109 Open 110–123 Fast Strobe 124–124 Slow Strobe 125–129 Open 130–143 Fast Pulse 144–144 Slow Pulse 145–149 Open 150–163 Fast Pulse 164–164 Slow Pulse 165–169 Open 170–183 Fast Pulse 184–184 Slow Pulse 185–189 Open 190–203 Fast Pulse 204–204 Slow Pulse 205–209 Open 210–223 Fast Sin Wave 224–224 Slow Sin Wave 225–229 Open 230–243 Fast Burst 244–244 Slow Burst 245–255 Open
4	Red	255	
5	Red Fine	255	Fine byte of Red
6	Green	255	
7	Green Fine	255	Fine byte of Green
8	Blue	255	
9	Blue Fine	255	Fine byte of Blue
10	C TC	2	
11	Tint	128	0–0 NoFeature 1 1–127 Magenta --> Neutral 128–128 Neutral 129–255 Neutral --> Green
12	Color Macro1	0	
13	Color Macro XFade	3	0–5 No Function 6–104 1/10s 105–105 10s 106–213 11s 214–214 119s 215–243 2m 244–244 4m50s 245–254 5m 255–255 15m

14CH RGB (continued)

Ch	Function	Default	DMX values
14	Control1	15	0–29 No Function 30–34 Linear Dimmer Curve 35–39 Exponential DImmer Curve 40–44 Logarithimic Dimmer Curve 45–49 S-Curve DImmer Curve 50–54 Fast Dimmer Response (LED) 55–59 Slow Dimmer Response (Halogen) 60–94 No Function 95–99 LED Frequency 800Hz 100–104 LED Frequency 1200Hz 105–109 LED Frequency 2000Hz 110–114 LED Frequency 3600Hz 115–119 LED Frequency 12kHz 120–124 LED Frequency 25kHz 125–129 No Function 130–134 Fan Auto 135–139 Fan Silent 140–144 Fan Studio 145–149 Fan Off 150–154 Fan High Power 155–159 No Function 160–164 Redshift On 165–169 Redshift Off 170–174 Normal CRI 175–179 High CRI 180–184 Factory Reset 185–189 User Reset 190–255 No Function

16CH Direct

16 channels

Ch	Function	Default	DMX values
1	Dimmer	0	
2	Dimmer Fine	0	Fine byte of Dimmer

16CH Direct (continued)

Ch	Function	Default	DMX values
3	Shutter / Strobe	22	0–19 Shutter Close 20–24 Shutter Open 25–63 Fast Strobe 64–64 Slow Strobe 65–69 Open 70–83 Fast Pulse 84–84 Slow Pulse 85–89 Open 90–103 Fast Pulse 104–104 Slow Pulse 105–109 Open 110–123 Fast Strobe 124–124 Slow Strobe 125–129 Open 130–143 Fast Pulse 144–144 Slow Pulse 145–149 Open 150–163 Fast Pulse 164–164 Slow Pulse 165–169 Open 170–183 Fast Pulse 184–184 Slow Pulse 185–189 Open 190–203 Fast Pulse 204–204 Slow Pulse 205–209 Open 210–223 Fast Sin Wave 224–224 Slow Sin Wave 225–229 Open 230–243 Fast Burst 244–244 Slow Burst 245–255 Open
4	Red	255	
5	Red Fine	255	Fine byte of Red
6	Green	255	
7	Green Fine	255	Fine byte of Green
8	Blue	255	
9	Blue Fine	255	Fine byte of Blue
10	Color Add GY	255	
11	Color Add GY Fine	255	Fine byte of Color Add GY
12	C TC	2	
13	Tint	128	0–0 NoFeature 1 1–127 Magenta --> Neutral 128–128 Neutral 129–255 Neutral --> Green
14	Color Macro1	0	
15	Color Macro XFade	3	0–5 No Function 6–104 1/10s 105–105 10s 106–213 11s 214–214 119s 215–243 2m 244–244 4m50s 245–254 5m 255–255 15m

16CH Direct (continued)

Ch	Function	Default	DMX values
16	Control1	15	0–29 No Function 30–34 Linear Dimmer Curve 35–39 Exponential DImmer Curve 40–44 Logarithimic Dimmer Curve 45–49 S-Curve DImmer Curve 50–54 Fast Dimmer Response (LED) 55–59 Slow Dimmer Response (Halogen) 60–94 No Function 95–99 LED Frequency 800Hz 100–104 LED Frequency 1200Hz 105–109 LED Frequency 2000Hz 110–114 LED Frequency 3600Hz 115–119 LED Frequency 12kHz 120–124 LED Frequency 25kHz 125–129 No Function 130–134 Fan Auto 135–139 Fan Silent 140–144 Fan Studio 145–149 Fan Off 150–154 Fan High Power 155–159 No Function 160–164 Redshift On 165–169 Redshift Off 170–174 Normal CRI 175–179 High CRI 180–184 Factory Reset 185–189 User Reset 190–255 No Function