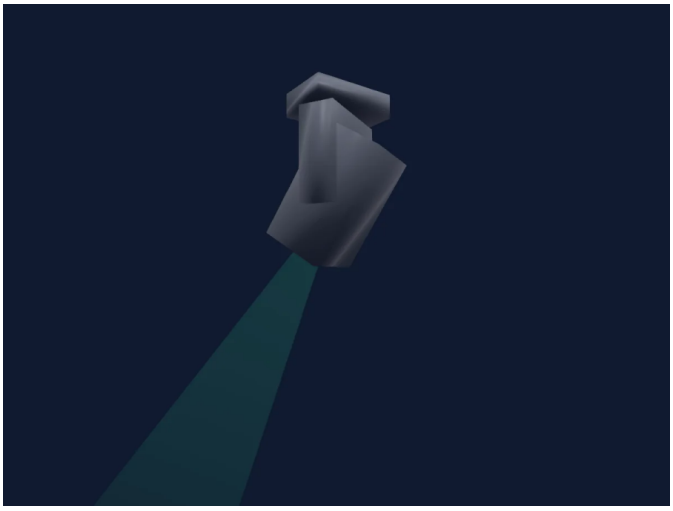
Flash

ART SpotQTM 400



Manufacturer	**Flash**
Type	**Profile spot**
DMX modes	**2**
DMX footprint	**27 channels**
Beam angle	**4-40°**
Pan range	**540°**
Tilt range	**234°**
Size (W × H × D)	**297 × 459 × 233 mm**
GDTF fixture type	**4F273D13-D907-41D2-8F91-EB…**

Controls

Focus · Frost · Iris · Prism · Prism rotation · Zoom · CMY colour mixing · Colour temperature · Colour wheel · Strobe · Dimmer · Pan and tilt · Gobos · Gobo rotation

Safety-relevant functions

Fixture reset · Service functions

DMX modes

MODE 1	27 ch
MODE 2 - quantum	27 ch

MODE 1

27 channels

Ch	Function	Default	DMX values
1	Dimmer	0	0–254 Closed 255–255 Open
2	Dimmer Fine	0	Fine byte of Dimmer
3	Shutter / Strobe	30	0–19 Closed 20–49 Open 50–124 Strobe · Slow 1–10.4 Hz 125–199 Strobe · Medium 10.5–19.9 Hz 200–200 Strobe · Fast 20 Hz 201–210 Open 211–232 Strobe Random · Slow 1–10.1 Hz 233–254 Strobe Random · Medium 10.5–19.6 Hz 255–255 Strobe Random · Fast 20 Hz
4	Pan	128	
5	Pan Fine	0	Fine byte of Pan
6	Tilt	128	
7	Tilt Fine	0	Fine byte of Tilt
8	Control1	0	0–9 No function 10–14 Reset 15–15 No function 2 16–16 Color reset 17–17 Beam reset 18–18 P/T reset 19–22 No function 1 23–23 Linear curve 24–24 Square curve 25–25 Inv square curve 26–26 S-Curve 27–35 No function 3 36–36 Refresh mode 1 37–37 Refresh mode 2 38–38 Refresh mode 3 39–39 Refresh mode 4 40–51 No function 4 52–52 Display on 53–53 Display off after 30s 54–54 Auto fan 55–55 Fan full 56–56 Fan mid 57–58 Fan slow 59–198 No function 5 199–199 Set default values 200–255 No function 6
9	Cyan	0	
10	Magenta	0	
11	Yellow	0	
12	C TO	0	

MODE 1 (continued)

Ch	Function	Default	DMX values
13	Color Wheel	0	0–7 Open (wheel slot 1) 8–22 Blue (wheel slot 2) 23–37 Green (wheel slot 3) 38–52 CTO (wheel slot 4) 53–67 Deep Magenta (wheel slot 5) 68–82 Congo Blue (wheel slot 6) 83–97 Red (wheel slot 7) 98–105 Open (wheel slot 1) 106–160 No Function 161–163 Blue (wheel slot 2) 164–166 Green (wheel slot 3) 167–169 CTO (wheel slot 4) 170–172 Deep Magenta (wheel slot 5) 173–175 Congo Blue (wheel slot 6) 176–178 Red (wheel slot 7) 179–192 Open (wheel slot 1) 193–202 CW Max 203–213 CW Med 214–214 CW Min 215–221 Stop 222–232 CCW Min 233–242 CCW Med 243–243 CCW Max 244–248 Fast 249–254 Medium 255–255 Slow
14	Gobo	0	0–4 Open (wheel slot 1) 5–9 Gobo 1 (wheel slot 2) 10–14 Gobo 2 (wheel slot 3) 15–19 Gobo 3 (wheel slot 4) 20–24 Gobo 4 (wheel slot 5) 25–29 Gobo 5 (wheel slot 6) 30–34 Gobo 6 (wheel slot 7) 35–39 Gobo 1 (wheel slot 2) 40–44 Gobo 2 (wheel slot 3) 45–49 Gobo 3 (wheel slot 4) 50–54 Gobo 4 (wheel slot 5) 55–59 Gobo 5 (wheel slot 6) 60–64 Gobo 6 (wheel slot 7) 65–88 Gobo 1 (wheel slot 2) 89–112 Gobo 2 (wheel slot 3) 113–136 Gobo 3 (wheel slot 4) 137–160 Gobo 4 (wheel slot 5) 161–184 Gobo 5 (wheel slot 6) 185–209 Gobo 6 (wheel slot 7) 210–220 CW Max 221–231 CW Med 232–232 CW Min 233–243 CCW Min 244–254 CCW Med 255–255 CCW Max

MODE 1 (continued)

Ch	Function	Default	DMX values
15	Gobo Rotation	128	0–1 197 deg 2–10 << 11–62 180 deg 63–68 < 69–124 90 deg 125–127 < 128–185 0 deg 186–189 -90 deg 190–243 >> 244–251 -180 deg 252–254 >>> 255–255 -197 deg
16	Gobo Rotation Fine	0	Fine byte of Gobo Rotation
17	Gobo 2	0	0–7 Open (wheel slot 1) 8–22 Gobo 1 (wheel slot 2) 23–37 Gobo 2 (wheel slot 3) 38–52 Gobo 3 (wheel slot 4) 53–67 Gobo 4 (wheel slot 5) 68–82 Gobo 5 (wheel slot 6) 83–97 Gobo 6 (wheel slot 7) 98–112 Gobo 7 (wheel slot 8) 113–127 Gobo 8 (wheel slot 9) 128–142 Gobo 9 (wheel slot 10) 143–157 Gobo 10 (wheel slot 11) 158–165 Open (wheel slot 1) 166–167 Gobo 1 (wheel slot 2) 168–169 Gobo 2 (wheel slot 3) 170–171 Gobo 3 (wheel slot 4) 172–173 Gobo 4 (wheel slot 5) 174–175 Gobo 5 (wheel slot 6) 176–177 Gobo 6 (wheel slot 7) 178–179 Gobo 7 (wheel slot 8) 180–181 Gobo 8 (wheel slot 9) 182–183 Gobo 9 (wheel slot 10) 184–185 Gobo 10 (wheel slot 11) 186–192 Open (wheel slot 1) 193–202 CW Max 203–213 CW Med 214–214 CW Min 215–221 Stop 222–232 CCW Min 233–242 CCW Med 243–243 CCW Max 244–247 Fast 248–251 Medium 252–255 Slow
18	Prism	0	0–127 Open (wheel slot 1) 254–255 4 Facet Prism (wheel slot 2)
19	Prism Rotation	0	0–62 Min 63–63 Max 64–156 << 157–157 < 158–161 >< 162–254 > 255–255 >>>
20	Prism	0	0–127 Open (wheel slot 1) 128–255 6 linear prism (wheel slot 1)

MODE 1 (continued)

Ch	Function	Default	DMX values
21	Prism Rotation	0	0–62 Min 63–63 Max 64–156 << 157–157 < 158–161 >< 162–254 > 255–255 >>>
22	Zoom	128	0–127 Wide 128–254 Medium 255–255 Narrow
23	Zoom Fine	0	Fine byte of Zoom
24	Focus	128	0–127 Far 128–254 Medium 255–255 Near
25	Focus Fine	0	Fine byte of Focus
26	Iris	0	0–49 Open 50–99 25% 100–149 50% 150–199 75% 200–200 Closed 201–212 Fast 213–224 Medium 225–225 Slow 226–230 Pulse Stop 231–242 Slow 243–254 Medium 255–255 Fast
27	Frost1	0	0–127 No frost 128–255 Frost

MODE 2 - quantum

27 channels

Ch	Function	Default	DMX values
1	Shutter / Strobe	30	0–19 Closed 20–49 Open 50–124 Strobe · Slow 1–10.4 Hz 125–199 Strobe · Medium 10.5–19.9 Hz 200–200 Strobe · Fast 20 Hz 201–210 Open 211–232 Strobe Random · Slow 1–10.1 Hz 233–254 Strobe Random · Medium 10.5–19.6 Hz 255–255 Strobe Random · Fast 20 Hz
2	Dimmer	0	0–254 Closed 255–255 Open
3	Dimmer Fine	0	Fine byte of Dimmer
4	Cyan	0	
5	Magenta	0	
6	Yellow	0	

MODE 2 - quantum (continued)

Ch	Function	Default	DMX values
7	Color Wheel	0	0–7 Open (wheel slot 1) 8–22 Blue (wheel slot 2) 23–37 Green (wheel slot 3) 38–52 CTO (wheel slot 4) 53–67 Deep Magenta (wheel slot 5) 68–82 Congo Blue (wheel slot 6) 83–97 Red (wheel slot 7) 98–105 Open (wheel slot 1) 106–160 No Function 161–163 Blue (wheel slot 2) 164–166 Green (wheel slot 3) 167–169 CTO (wheel slot 4) 170–172 Deep Magenta (wheel slot 5) 173–175 Congo Blue (wheel slot 6) 176–178 Red (wheel slot 7) 179–192 Open (wheel slot 1) 193–202 CW Max 203–213 CW Med 214–214 CW Min 215–221 Stop 222–232 CCW Min 233–242 CCW Med 243–243 CCW Max 244–248 Fast 249–254 Medium 255–255 Slow
8	Gobo	0	0–4 Open (wheel slot 1) 5–9 Gobo 1 (wheel slot 2) 10–14 Gobo 2 (wheel slot 3) 15–19 Gobo 3 (wheel slot 4) 20–24 Gobo 4 (wheel slot 5) 25–29 Gobo 5 (wheel slot 6) 30–34 Gobo 6 (wheel slot 7) 35–39 Gobo 1 (wheel slot 2) 40–44 Gobo 2 (wheel slot 3) 45–49 Gobo 3 (wheel slot 4) 50–54 Gobo 4 (wheel slot 5) 55–59 Gobo 5 (wheel slot 6) 60–64 Gobo 6 (wheel slot 7) 65–88 Gobo 1 (wheel slot 2) 89–112 Gobo 2 (wheel slot 3) 113–136 Gobo 3 (wheel slot 4) 137–160 Gobo 4 (wheel slot 5) 161–184 Gobo 5 (wheel slot 6) 185–209 Gobo 6 (wheel slot 7) 210–220 CW Max 221–231 CW Med 232–232 CW Min 233–243 CCW Min 244–254 CCW Med 255–255 CCW Max

MODE 2 - quantum (continued)

Ch	Function	Default	DMX values
9	Gobo Rotation	128	0–1 197 deg 2–10 << 11–62 180 deg 63–68 << 69–124 90 deg 125–127 < 128–185 0 deg 186–189 -90 deg 190–243 >> 244–251 -180 deg 252–254 >>> 255–255 -197 deg
10	Gobo Rotation Fine	0	Fine byte of Gobo Rotation
11	Gobo 2	0	0–7 Open (wheel slot 1) 8–22 Gobo 1 (wheel slot 2) 23–37 Gobo 2 (wheel slot 3) 38–52 Gobo 3 (wheel slot 4) 53–67 Gobo 4 (wheel slot 5) 68–82 Gobo 5 (wheel slot 6) 83–97 Gobo 6 (wheel slot 7) 98–112 Gobo 7 (wheel slot 8) 113–127 Gobo 8 (wheel slot 9) 128–142 Gobo 9 (wheel slot 10) 143–157 Gobo 10 (wheel slot 11) 158–165 Open (wheel slot 1) 166–167 Gobo 1 (wheel slot 2) 168–169 Gobo 2 (wheel slot 3) 170–171 Gobo 3 (wheel slot 4) 172–173 Gobo 4 (wheel slot 5) 174–175 Gobo 5 (wheel slot 6) 176–177 Gobo 6 (wheel slot 7) 178–179 Gobo 7 (wheel slot 8) 180–181 Gobo 8 (wheel slot 9) 182–183 Gobo 9 (wheel slot 10) 184–185 Gobo 10 (wheel slot 11) 186–192 Open (wheel slot 1) 193–202 CW Max 203–213 CW Med 214–214 CW Min 215–221 Stop 222–232 CCW Min 233–242 CCW Med 243–243 CCW Max 244–248 Fast 249–254 Medium 255–255 Slow
12	Prism	0	0–2 Open (wheel slot 1) 3–3 CW Max (wheel slot 2) 4–125 CW Med (wheel slot 2) 126–126 CW Min (wheel slot 2) 127–129 Stop (wheel slot 2) 130–130 CCW Min (wheel slot 2) 131–252 CCW Med (wheel slot 2) 253–253 CCW Max (wheel slot 2) 254–255 Open (wheel slot 1)

MODE 2 - quantum (continued)

Ch	Function	Default	DMX values
13	Iris	0	0–49 Open 50–99 25% 100–149 50% 150–199 75% 200–200 Closed 201–212 Fast 213–224 Medium 225–225 Slow 226–230 Pulse Stop 231–242 Slow 243–254 Medium 255–255 Fast
14	Zoom	128	0–127 Wide 128–254 Medium 255–255 Narrow
15	Zoom Fine	0	Fine byte of Zoom
16	Focus	128	0–127 Far 128–254 Medium 255–255 Near
17	Focus Fine	0	Fine byte of Focus
18	Pan	128	
19	Pan Fine	0	Fine byte of Pan
20	Tilt	128	
21	Tilt Fine	0	Fine byte of Tilt
22	Control1	0	0–9 No function 10–14 Reset 15–15 No function 2 16–16 Color reset 17–17 Beam reset 18–18 P/T reset 19–22 No function 1 23–23 Linear curve 24–24 Square curve 25–25 Inv square curve 26–26 S-Curve 27–35 No function 3 36–36 Refresh mode 1 37–37 Refresh mode 2 38–38 Refresh mode 3 39–39 Refresh mode 4 40–51 No function 4 52–52 Display on 53–53 Display off after 30s 54–54 Auto fan 55–55 Fan full 56–56 Fan mid 57–58 Fan slow 59–198 No function 5 199–199 Set default values 200–255 No function 6
23	Prism	0	0–127 Open (wheel slot 1) 128–255 Prism 2 (wheel slot 1)
24	Prism Rotation	0	0–62 Min 63–63 Max 64–156 << 157–157 < 158–161 >< 162–254 > 255–255 >>>

MODE 2 - quantum (continued)

Ch	Function	Default	DMX values
25	C TO	0	
26	No Feature	0	
27	Frost1	0	0–127 No frost 128–255 Frost