Leding

Ronin R35



Manufacturer	**Leding**
Type	**Profile spot**
DMX modes	**2**
DMX footprint	**22, 25 channels**
Beam angle	**12.835-21.25°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**270 × 391 × 201 mm**
GDTF fixture type	**BE078768-2043-4EE1-AC0C-25…**

Controls

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

Safety-relevant functions

Fixture reset

DMX modes

BASIC	22 ch
STANDARD	25 ch

BASIC

22 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Tilt	128	
3	Position MSpeed	0	0–254 min Track 255–255 max Track
4	Cyan	0	
5	Magenta	0	
6	Yellow	0	
7	C OLORTEMPERATURE	0	0–254 min ColorTemperature 255–255 max ColorTemperature
8	C OLORCOLOR	0	0–19 entry 0 20–21 3000K 22–23 3200K 24–25 3500K 26–27 4000K 28–29 4500K 30–31 5000K 32–33 5400K 34–35 5600K 36–37 6000K 38–39 6500K 40–41 6800K 42–43 L101 44–45 L194 46–47 L019 48–49 R08 50–51 L213 52–53 R80 54–55 L202 56–57 L328 58–59 R3314 60–61 L106 62–63 L768 64–255 max Cycle
9	Color Wheel	0	0–6 open (wheel slot 1) 7–20 UV (wheel slot 2) 21–35 Yellow (wheel slot 3) 36–49 Cyan (wheel slot 4) 50–63 Pink (wheel slot 5) 64–77 Green (wheel slot 6) 78–91 Blue (wheel slot 7) 92–106 Orange (wheel slot 8) 107–120 Red (wheel slot 9) 121–127 open (2) (wheel slot 1) 128–134 UV (2) (wheel slot 2) 135–141 Yellow (2) (wheel slot 3) 142–148 Cyan (2) (wheel slot 4) 149–155 Pink (2) (wheel slot 5) 156–162 Green (2) (wheel slot 6) 163–169 Blue (2) (wheel slot 7) 170–176 Orange (2) (wheel slot 8) 177–183 Red (2) (wheel slot 9) 184–190 open (3) (wheel slot 1) 192–222 >>> 223–224 stop 225–254 Spin -1 -100% 255–255 <<<
10	Color Wheel Fine	0	Fine byte of Color Wheel

BASIC (continued)

Ch	Function	Default	DMX values
11	Gobo	0	0–10 open (wheel slot 1) 11–14 gobo 1 1 (wheel slot 2) 15–18 gobo 1 2 (wheel slot 3) 19–22 gobo 1 3 (wheel slot 4) 23–26 gobo 1 4 (wheel slot 5) 27–30 gobo 1 5 (wheel slot 6) 31–34 gobo 1 6 (wheel slot 7) 35–38 gobo 1 7 (wheel slot 8) 39–42 gobo 1 8 (wheel slot 9) 43–46 gobo 1 9 (wheel slot 10) 47–50 gobo 1 10 (wheel slot 11) 51–54 gobo 1 11 (wheel slot 12) 55–58 gobo 1 12 (wheel slot 13) 59–63 gobo 1 1 (wheel slot 2) 64–68 gobo 1 2 (wheel slot 3) 69–73 gobo 1 3 (wheel slot 4) 74–78 gobo 1 4 (wheel slot 5) 79–83 gobo 1 5 (wheel slot 6) 84–88 gobo 1 6 (wheel slot 7) 89–93 gobo 1 7 (wheel slot 8) 94–98 gobo 1 8 (wheel slot 9) 99–103 gobo 1 9 (wheel slot 10) 104–108 gobo 1 10 (wheel slot 11) 109–113 gobo 1 11 (wheel slot 12) 114–118 gobo 1 12 (wheel slot 13) 119–127 max Shake 128–128 >>> 129–190 Spin 100 1% 191–192 stop 193–254 Spin -1 -100% 255–255 <<<
12	Gobo 2	0	0–10 open (wheel slot 1) 11–16 gobo 2 1 (wheel slot 2) 17–22 gobo 2 2 (wheel slot 3) 23–28 gobo 2 3 (wheel slot 4) 29–34 gobo 2 4 (wheel slot 5) 35–40 gobo 2 5 (wheel slot 6) 41–46 gobo 2 6 (wheel slot 7) 47–52 gobo 2 7 (wheel slot 8) 53–58 gobo 2 8 (wheel slot 9) 59–66 gobo 2 1 (wheel slot 2) 67–74 gobo 2 2 (wheel slot 3) 75–82 gobo 2 3 (wheel slot 4) 83–90 gobo 2 4 (wheel slot 5) 91–98 gobo 2 5 (wheel slot 6) 99–106 gobo 2 6 (wheel slot 7) 107–114 gobo 2 7 (wheel slot 8) 115–122 gobo 2 8 (wheel slot 9) 123–127 max Shake2 128–128 >>> 129–190 Spin2 100 1% 191–192 stop 193–254 Spin2 -1 -100% 255–255 <<<
13	Gobo Rotation 2	0	0–126 zero 127–127 max CW 128–128 >>> 129–190 Rotate2 100 1% 191–192 stop 193–254 Rotate2 -1 -100% 255–255 <<<

BASIC (continued)

Ch	Function	Default	DMX values
14	E FFECTWHEEL	0	0–10 open (wheel slot 1) 11–143 zero 144–144 max CW 146–149 effect (wheel slot 2) 151–151 >>> 152–200 Rotate 100 1% 201–205 stop 206–254 Rotate -1 -100% 255–255 <<<
15	Frost1	0	0–10 Frost 0% 11–255 Frost 100%
16	Iris	0	0–0 open Iris 1–127 Iris 100 1% 128–129 closed Iris 131–169 min Strobe Pulse Open 170–170 max Strobe Pulse Open 172–209 min Strobe Pulse 210–210 max Strobe Pulse 212–249 min Strobe Rnd 250–250 max Strobe Rnd 252–255 closed Iris (2)
17	Zoom	128	0–126 narrow 127–254 normal 255–255 wide
18	Focus Mode	0	0–15 entry 0 16–63 5m auto focus 64–111 10m auto focus 112–159 15m auto focus 160–207 20m auto focus 208–255 25m auto focus
19	Focus	128	0–254 min Focus 255–255 max Focus
20	Dimmer	0	0–254 closed 255–255 open
21	Shutter / Strobe	0	0–9 open 10–98 min Strobe 99–99 max Strobe 100–109 open (2) 110–177 min Pulse 178–178 max Pulse 180–188 open (3) 190–254 Shutter1StrobeRandom 6 · min Rnd 0.25–9.85 Hz 255–255 Shutter1StrobeRandom 6 · max Rnd 10 Hz

BASIC (continued)

Ch	Function	Default	DMX values
22	Fixture Global Reset	0	0–10 NoFeature 1 11–20 on 21–30 off 31–40 on (2) 41–50 on (3) 51–60 off (2) 61–70 Speed 1% 71–80 Speed 50% 81–90 Speed 100% 91–100 Auto 101–110 Dim4 111–120 Dim3 121–130 Dim2 131–140 Dim1 141–149 Dim0 151–160 1200 Hz 161–170 2400 Hz 171–180 4000 Hz 181–190 6000 Hz 191–199 25000 Hz 201–209 Reset 211–219 PosReset 221–229 ColMReset 231–239 GW1Reset 241–249 NonPosReset 250–255 NoFeature 2

STANDARD

25 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	0	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	0	Fine byte of Tilt
5	Position MSpeed	0	0–254 min Track 255–255 max Track
6	Cyan	0	
7	Magenta	0	
8	Yellow	0	
9	C OLORTEMPERATURE	0	0–254 min ColorTemperature 255–255 max ColorTemperature

STANDARD (continued)

Ch	Function	Default	DMX values
10	C OLORCOLOR	0	0–19 entry 0 20–21 3000K 22–23 3200K 24–25 3500K 26–27 4000K 28–29 4500K 30–31 5000K 32–33 5400K 34–35 5600K 36–37 6000K 38–39 6500K 40–41 6800K 42–43 L101 44–45 L194 46–47 L019 48–49 R08 50–51 L213 52–53 R80 54–55 L202 56–57 L328 58–59 R3314 60–61 L106 62–63 L768 64–255 max Cycle
11	Color Wheel	0	0–6 open (wheel slot 1) 7–20 UV (wheel slot 2) 21–35 Yellow (wheel slot 3) 36–49 Cyan (wheel slot 4) 50–63 Pink (wheel slot 5) 64–77 Green (wheel slot 6) 78–91 Blue (wheel slot 7) 92–106 Orange (wheel slot 8) 107–120 Red (wheel slot 9) 121–127 open (2) (wheel slot 1) 128–134 UV (2) (wheel slot 2) 135–141 Yellow (2) (wheel slot 3) 142–148 Cyan (2) (wheel slot 4) 149–155 Pink (2) (wheel slot 5) 156–162 Green (2) (wheel slot 6) 163–169 Blue (2) (wheel slot 7) 170–176 Orange (2) (wheel slot 8) 177–183 Red (2) (wheel slot 9) 184–190 open (3) (wheel slot 1) 192–222 >>> 223–224 stop 225–254 Spin -1 -100% 255–255 <<<
12	Color Wheel Fine	0	Fine byte of Color Wheel

STANDARD (continued)

Ch	Function	Default	DMX values
13	Gobo	0	0–10 open (wheel slot 1) 11–14 gobo 1 1 (wheel slot 2) 15–18 gobo 1 2 (wheel slot 3) 19–22 gobo 1 3 (wheel slot 4) 23–26 gobo 1 4 (wheel slot 5) 27–30 gobo 1 5 (wheel slot 6) 31–34 gobo 1 6 (wheel slot 7) 35–38 gobo 1 7 (wheel slot 8) 39–42 gobo 1 8 (wheel slot 9) 43–46 gobo 1 9 (wheel slot 10) 47–50 gobo 1 10 (wheel slot 11) 51–54 gobo 1 11 (wheel slot 12) 55–58 gobo 1 12 (wheel slot 13) 59–63 gobo 1 1 (wheel slot 2) 64–68 gobo 1 2 (wheel slot 3) 69–73 gobo 1 3 (wheel slot 4) 74–78 gobo 1 4 (wheel slot 5) 79–83 gobo 1 5 (wheel slot 6) 84–88 gobo 1 6 (wheel slot 7) 89–93 gobo 1 7 (wheel slot 8) 94–98 gobo 1 8 (wheel slot 9) 99–103 gobo 1 9 (wheel slot 10) 104–108 gobo 1 10 (wheel slot 11) 109–113 gobo 1 11 (wheel slot 12) 114–118 gobo 1 12 (wheel slot 13) 119–127 max Shake 128–128 >>> 129–190 Spin 100 1% 191–192 stop 193–254 Spin -1 -100% 255–255 <<<
14	Gobo 2	0	0–10 open (wheel slot 1) 11–16 gobo 2 1 (wheel slot 2) 17–22 gobo 2 2 (wheel slot 3) 23–28 gobo 2 3 (wheel slot 4) 29–34 gobo 2 4 (wheel slot 5) 35–40 gobo 2 5 (wheel slot 6) 41–46 gobo 2 6 (wheel slot 7) 47–52 gobo 2 7 (wheel slot 8) 53–58 gobo 2 8 (wheel slot 9) 59–66 gobo 2 1 (wheel slot 2) 67–74 gobo 2 2 (wheel slot 3) 75–82 gobo 2 3 (wheel slot 4) 83–90 gobo 2 4 (wheel slot 5) 91–98 gobo 2 5 (wheel slot 6) 99–106 gobo 2 6 (wheel slot 7) 107–114 gobo 2 7 (wheel slot 8) 115–122 gobo 2 8 (wheel slot 9) 123–127 Shake 128–128 >>> 129–190 Spin2 100 1% 191–192 stop 193–254 Spin2 -1 -100% 255–255 <<<
15	Gobo Rotation 2	0	0–126 zero 127–127 max CW 128–128 >>> 129–190 Rotate2 100 1% 191–192 stop 193–254 Rotate2 -1 -100% 255–255 <<<

STANDARD (continued)

Ch	Function	Default	DMX values
16	E FFECTWHEEL	0	0–10 open (wheel slot 1) 11–143 zero (wheel slot 2) 144–144 max CW (wheel slot 2) 146–149 effect (wheel slot 2) 151–151 >>> (wheel slot 2) 152–200 Rotate 100 1% (wheel slot 2) 201–205 stop (wheel slot 2) 206–254 Rotate -1 -100% (wheel slot 2) 255–255 <<< (wheel slot 2)
17	Frost1	0	0–10 Frost 0% 11–255 Frost 100%
18	Iris	0	0–0 open Iris 1–127 Iris 100 1% 128–129 closed Iris 131–169 min Strobe Pulse Open 170–170 max Strobe Pulse Open 172–209 min Strobe Pulse 210–210 max Strobe Pulse 212–249 min Strobe Rnd 250–250 max Strobe Rnd 252–255 closed Iris (2)
19	Zoom	128	0–126 narrow 127–254 normal 255–255 wide
20	Focus Mode	0	0–15 entry 0 16–63 5m auto focus 64–111 10m auto focus 112–159 15m auto focus 160–207 20m auto focus 208–255 25m auto focus
21	Focus	128	0–254 min Focus 255–255 max Focus
22	Dimmer	0	0–254 closed 255–255 open
23	Dimmer Fine	0	Fine byte of Dimmer
24	Shutter / Strobe	0	0–9 open 10–98 min Strobe 99–99 max Strobe 100–109 open (2) 110–177 min Pulse 178–178 max Pulse 180–188 open (3) 190–254 Shutter1StrobeRandom 6 · min Rnd 0.25–9.85 Hz 255–255 Shutter1StrobeRandom 6 · max Rnd 10 Hz

STANDARD (continued)

Ch	Function	Default	DMX values
25	Fixture Global Reset	0	0–10 NoFeature 1 11–20 on 21–30 off 31–40 on (2) 41–50 on (3) 51–60 off (2) 61–70 Speed 1% 71–80 Speed 50% 81–90 Speed 100% 91–100 Auto 101–110 Dim4 111–120 Dim3 121–130 Dim2 131–140 Dim1 141–149 Dim0 151–160 1200 Hz 161–170 2400 Hz 171–180 4000 Hz 181–190 6000 Hz 191–199 25000 Hz 201–209 Reset 211–219 PosReset 221–229 ColMReset 231–239 GW1Reset 241–249 NonPosReset 250–255 NoFeature 2