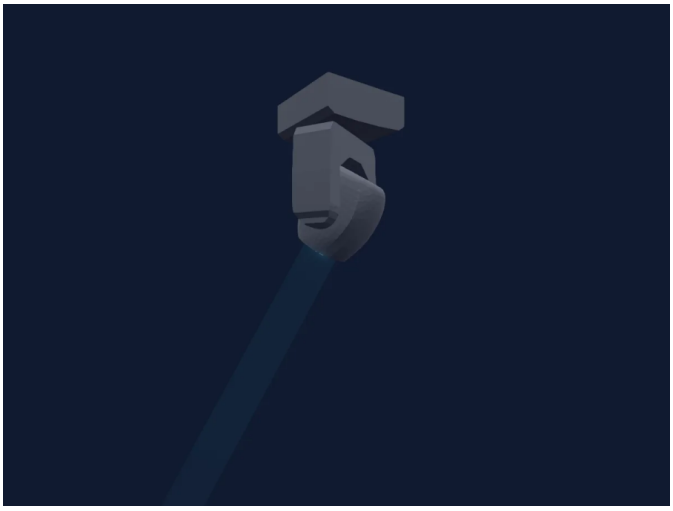
ADJ

Vizi RXOne



Manufacturer	**ADJ**
Type	**Moving head**
DMX modes	**2**
DMX footprint	**15, 17 channels**
Beam angle	**3°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**168 × 202 × 175 mm**
GDTF fixture type	**E0D6E5FC-FE40-41FF-9830-438…**

Controls

Frost · Prism · Prism rotation · Colour wheel · Strobe · Dimmer · Gobos

Safety-relevant functions

Lamp on and off · Fixture reset

DMX modes

15 Channel	15 ch
17 Channel	17 ch

15 Channel

15 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Tilt	128	
3	Color Wheel	0	0–4 white (wheel slot 1) 5–8 red (wheel slot 2) 9–12 blue (wheel slot 3) 13–16 green (wheel slot 4) 17–21 light yellow (wheel slot 5) 22–25 orange (wheel slot 6) 26–29 magenta (wheel slot 7) 30–33 light blue (wheel slot 8) 34–37 yellow (wheel slot 9) 38–42 ligth green (wheel slot 10) 43–46 purple (wheel slot 11) 47–50 pink (wheel slot 12) 51–54 medium yellow (wheel slot 13) 55–58 CTB (wheel slot 14) 59–63 UV (wheel slot 15) 64–127 white (wheel slot 1) 128–189 CW fast > slow 190–193 no rotation 194–255 CCW slow > fast
4	Gobo	0	0–3 open (wheel slot 1) 4–7 Gobo 1 (wheel slot 2) 8–11 Gobo 2 (wheel slot 3) 12–15 Gobo 3 (wheel slot 4) 16–19 Gobo 4 (wheel slot 5) 20–23 Gobo 5 (wheel slot 6) 24–27 Gobo 6 (wheel slot 7) 28–31 Gobo 7 (wheel slot 8) 32–35 Gobo 8 (wheel slot 9) 36–39 Gobo 9 (wheel slot 10) 40–43 Gobo 10 (wheel slot 11) 44–47 Gobo 11 (wheel slot 12) 48–51 Gobo 12 (wheel slot 13) 52–55 Gobo 13 (wheel slot 14) 56–59 Gobo 14 (wheel slot 15) 60–63 Gobo 15 (wheel slot 16) 64–68 Gobo 1 (wheel slot 2) 69–72 Gobo 2 (wheel slot 3) 73–76 Gobo 3 (wheel slot 4) 77–80 Gobo 4 (wheel slot 5) 81–84 Gobo 5 (wheel slot 6) 85–89 Gobo 6 (wheel slot 7) 90–93 Gobo 7 (wheel slot 8) 94–97 Gobo 8 (wheel slot 9) 98–101 Gobo 9 (wheel slot 10) 102–105 Gobo 10 (wheel slot 11) 106–110 Gobo 11 (wheel slot 12) 111–114 Gobo 12 (wheel slot 13) 115–118 Gobo 13 (wheel slot 14) 119–122 Gobo 14 (wheel slot 15) 123–127 Gobo 15 (wheel slot 16) 128–189 CW fast > slow (wheel slot 1) 190–193 no rotation (wheel slot 1) 194–255 CCW slow > fast (wheel slot 1)

15 Channel (continued)

Ch	Function	Default	DMX values
5	Shutter / Strobe	8	0–7 closed 8–15 open 16–72 Shutter1Strobe 2 · slow 0–9.74 Hz 73–130 Shutter1Strobe 2 · med 9.91–19.8 Hz 131–131 Shutter1Strobe 2 · fast 20 Hz 132–148 pulse slow 149–166 pulse med 167–167 pulse fast 168–184 Pulse Close slow 185–202 Pulse Close med 203–203 Pulse Close fast 204–220 Pulse Open slow 221–238 Pulse Open med 239–239 Pulse Open fast 240–242 Shutter1StrobeRandom 6 · RND slow 0–5.71 Hz 243–246 Shutter1StrobeRandom 6 · RND med 8.57–17.1 Hz 247–247 Shutter1StrobeRandom 6 · RND fast 20 Hz 248–255 open
6	Dimmer	0	0–254 Closed 255–255 Open
7	Prism	0	0–7 Wheel Slot 1 (wheel slot 1) 8–127 16-facet rotating circular prism (wheel slot 2) 128–132 Prism Rotation Effect 1 133–137 Prism Rotation Effect 2 138–141 Prism Rotation Effect 3 142–146 Prism Rotation Effect 4 147–150 Prism Rotation Effect 5 151–155 Prism Rotation Effect 6 156–159 Prism Rotation Effect 7 160–164 Prism Rotation Effect 8 165–168 Prism Rotation Effect 9 169–173 Prism Rotation Effect 10 174–177 Prism Rotation Effect 11 178–182 Prism Rotation Effect 12 183–187 Prism Rotation Effect 13 188–191 Prism Rotation Effect 14 192–196 Prism Rotation Effect 15 197–200 Prism Rotation Effect 16 201–205 Prism Rotation Effect 17 206–209 Prism Rotation Effect 18 210–214 Prism Rotation Effect 19 215–218 Prism Rotation Effect 20 219–223 Prism Rotation Effect 21 224–227 Prism Rotation Effect 22 228–232 Prism Rotation Effect 23 233–236 Prism Rotation Effect 24 237–241 Prism Rotation Effect 25 242–246 Prism Rotation Effect 26 247–250 Prism Rotation Effect 27 251–255 Prism Rotation Effect 28
8	Prism Rotation	0	0–62 min 63–126 center 127–127 max 128–190 CW fast > slow 191–192 no rotation 193–255 CCW slow > fast
9	Frost1	0	0–7 No Frost 8–130 min 131–254 med 255–255 max

15 Channel (continued)

Ch	Function	Default	DMX values
10	Position Effect	0	0–7 Off 8–15 Macro 1 16–23 Macro 2 24–31 Macro 3 32–39 Macro 4 40–47 Macro 5 48–55 Macro 6 56–63 Macro 7 64–71 Macro 8 72–79 Macro 9 80–87 Macro 10 88–95 Macro 11 96–103 Macro 12 104–111 Macro 13 112–119 Macro 14 120–127 Macro 15 128–135 Macro 16 136–143 Macro 17 144–151 Macro 18 152–159 Macro 19 160–167 Macro 20 168–175 Macro 21 176–183 Macro 22 184–191 Macro 23 192–199 Macro 24 200–207 Macro 25 208–215 Macro 26 216–223 Macro 27 224–231 Macro 28 232–239 Macro 29 240–247 Macro 30 248–255 Macro 31
11	Position Effect Rate	0	
12	Color1Mode	255	
13	Gobo1Wheel Mode	255	
14	Position Modes	0	
15	Control1	0	0–49 no function 50–59 Pan/Tilt Fast Mode 60–69 Pan/Tilt Normal Mode 70–79 enable Blackout with Pan/Tilt movements 80–89 disable Blackout with Pan/Tilt movements 90–99 enable Blackout with Color change 100–109 disable Blackout with Color change 110–119 enable Blackout with Gobo change 120–129 disable Blackout with Gobo change 130–139 Lamp On 140–149 Pan/Tilt Motor Reset 150–159 Color Motor Reset 160–169 Gobo Motor Reset 170–179 Shutter/Prism/R/Frost Reset 180–199 no function 200–209 Fixture Global Reset 210–219 Enable Blackout with P/T/Gobo/Color change 220–229 Disable Blackout with P/T/Gobo/Color change 230–239 Lamp Off 240–255 no function

17 Channel

17 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	Color Wheel	0	0–4 white (wheel slot 1) 5–8 red (wheel slot 2) 9–12 blue (wheel slot 3) 13–16 green (wheel slot 4) 17–21 light yellow (wheel slot 5) 22–25 orange (wheel slot 6) 26–29 magenta (wheel slot 7) 30–33 light blue (wheel slot 8) 34–37 yellow (wheel slot 9) 38–42 ligth green (wheel slot 10) 43–46 purple (wheel slot 11) 47–50 pink (wheel slot 12) 51–54 medium yellow (wheel slot 13) 55–58 CTB (wheel slot 14) 59–63 UV (wheel slot 15) 64–127 white (wheel slot 1) 128–189 CW fast > slow 190–193 no rotation 194–255 CCW slow > fast
6	Gobo	0	0–3 open (wheel slot 1) 4–7 Gobo 1 (wheel slot 2) 8–11 Gobo 2 (wheel slot 3) 12–15 Gobo 3 (wheel slot 4) 16–19 Gobo 4 (wheel slot 5) 20–23 Gobo 5 (wheel slot 6) 24–27 Gobo 6 (wheel slot 7) 28–31 Gobo 7 (wheel slot 8) 32–35 Gobo 8 (wheel slot 9) 36–39 Gobo 9 (wheel slot 10) 40–43 Gobo 10 (wheel slot 11) 44–47 Gobo 11 (wheel slot 12) 48–51 Gobo 12 (wheel slot 13) 52–55 Gobo 13 (wheel slot 14) 56–59 Gobo 14 (wheel slot 15) 60–63 Gobo 15 (wheel slot 16) 64–68 Gobo 1 (wheel slot 2) 69–72 Gobo 2 (wheel slot 3) 73–76 Gobo 3 (wheel slot 4) 77–80 Gobo 4 (wheel slot 5) 81–84 Gobo 5 (wheel slot 6) 85–89 Gobo 6 (wheel slot 7) 90–93 Gobo 7 (wheel slot 8) 94–97 Gobo 8 (wheel slot 9) 98–101 Gobo 9 (wheel slot 10) 102–105 Gobo 10 (wheel slot 11) 106–110 Gobo 11 (wheel slot 12) 111–114 Gobo 12 (wheel slot 13) 115–118 Gobo 13 (wheel slot 14) 119–122 Gobo 14 (wheel slot 15) 123–127 Gobo 15 (wheel slot 16) 128–189 CW fast > slow (wheel slot 1) 190–193 no rotation (wheel slot 1) 194–255 CCW slow > fast (wheel slot 1)

17 Channel (continued)

Ch	Function	Default	DMX values
7	Shutter / Strobe	8	0–7 closed 8–15 open 16–72 Shutter1Strobe 2 · slow 0–9.74 Hz 73–130 Shutter1Strobe 2 · med 9.91–19.8 Hz 131–131 Shutter1Strobe 2 · fast 20 Hz 132–148 pulse slow 149–166 pulse med 167–167 pulse fast 168–184 Pulse Close slow 185–202 Pulse Close med 203–203 Pulse Close fast 204–220 Pulse Open slow 221–238 Pulse Open med 239–239 Pulse Open fast 240–242 Shutter1StrobeRandom 6 · RND slow 0–5.71 Hz 243–246 Shutter1StrobeRandom 6 · RND med 8.57–17.1 Hz 247–247 Shutter1StrobeRandom 6 · RND fast 20 Hz 248–255 open
8	Dimmer	0	0–254 Closed 255–255 Open
9	Prism	0	0–7 Wheel Slot 1 (wheel slot 1) 8–127 16-facet rotating circular prism (wheel slot 2) 128–132 Prism Rotation Effect 1 133–137 Prism Rotation Effect 2 138–141 Prism Rotation Effect 3 142–146 Prism Rotation Effect 4 147–150 Prism Rotation Effect 5 151–155 Prism Rotation Effect 6 156–159 Prism Rotation Effect 7 160–164 Prism Rotation Effect 8 165–168 Prism Rotation Effect 9 169–173 Prism Rotation Effect 10 174–177 Prism Rotation Effect 11 178–182 Prism Rotation Effect 12 183–187 Prism Rotation Effect 13 188–191 Prism Rotation Effect 14 192–196 Prism Rotation Effect 15 197–200 Prism Rotation Effect 16 201–205 Prism Rotation Effect 17 206–209 Prism Rotation Effect 18 210–214 Prism Rotation Effect 19 215–218 Prism Rotation Effect 20 219–223 Prism Rotation Effect 21 224–227 Prism Rotation Effect 22 228–232 Prism Rotation Effect 23 233–236 Prism Rotation Effect 24 237–241 Prism Rotation Effect 25 242–246 Prism Rotation Effect 26 247–250 Prism Rotation Effect 27 251–255 Prism Rotation Effect 28
10	Prism Rotation	0	0–62 min 63–126 center 127–127 max 128–190 CW fast > slow 191–192 no rotation 193–255 CCW slow > fast
11	Frost1	0	0–7 No Frost 8–130 min 131–254 med 255–255 max

17 Channel (continued)

Ch	Function	Default	DMX values
12	Position Effect	0	0–7 Off 8–15 Macro 1 16–23 Macro 2 24–31 Macro 3 32–39 Macro 4 40–47 Macro 5 48–55 Macro 6 56–63 Macro 7 64–71 Macro 8 72–79 Macro 9 80–87 Macro 10 88–95 Macro 11 96–103 Macro 12 104–111 Macro 13 112–119 Macro 14 120–127 Macro 15 128–135 Macro 16 136–143 Macro 17 144–151 Macro 18 152–159 Macro 19 160–167 Macro 20 168–175 Macro 21 176–183 Macro 22 184–191 Macro 23 192–199 Macro 24 200–207 Macro 25 208–215 Macro 26 216–223 Macro 27 224–231 Macro 28 232–239 Macro 29 240–247 Macro 30 248–255 Macro 31
13	Position Effect Rate	0	
14	Color1Mode	255	
15	Gobo1Wheel Mode	255	
16	Position Modes	0	
17	Control1	0	0–49 no function 50–59 Pan/Tilt Fast Mode 60–69 Pan/Tilt Normal Mode 70–79 enable Blackout with Pan/Tilt movements 80–89 disable Blackout with Pan/Tilt movements 90–99 enable Blackout with Color change 100–109 disable Blackout with Color change 110–119 enable Blackout with Gobo change 120–129 disable Blackout with Gobo change 130–139 Lamp On 140–149 Pan/Tilt Motor Reset 150–159 Color Motor Reset 160–169 Gobo Motor Reset 170–179 Shutter/Prism/R/Frost Reset 180–199 no function 200–209 Fixture Global Reset 210–219 Enable Blackout with P/T/Gobo/Color change 220–229 Disable Blackout with P/T/Gobo/Color change 230–239 Lamp Off 240–255 no function