ADJ

Vizi Beam RX2



Manufacturer	**ADJ**
Type	**Moving head**
DMX modes	**2**
DMX footprint	**16, 20 channels**
Beam angle	**2°**
Pan range	**540°**
Tilt range	**270°**
Size (W × H × D)	**170 × 240 × 170 mm**
GDTF fixture type	**687B4F99-CA2F-4596-B7CA-54…**

Controls

Focus · Frost · Prism · Prism rotation · Colour wheel · Strobe · Dimmer · Pan and tilt · Movement speed · Gobos

Safety-relevant functions

Lamp on and off · Fixture reset · Strobe

DMX modes

16 CH	16 ch
20 CH	20 ch

16 CH

16 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Tilt	128	
3	Color Wheel	0	0–3 Open (wheel slot 1) 4–7 Red (wheel slot 2) 8–11 Blue (wheel slot 3) 12–15 Green (wheel slot 4) 16–19 Lime (wheel slot 5) 20–23 Orange (wheel slot 6) 24–27 Pink (wheel slot 7) 28–31 Lavender (wheel slot 8) 32–35 Medium Red (wheel slot 9) 36–39 Aqua (wheel slot 10) 40–43 Amber (wheel slot 11) 44–47 CTB 9000K (wheel slot 12) 48–51 4500K (wheel slot 13) 52–55 3200K (wheel slot 14) 56–59 UV (wheel slot 15) 60–61 Open (wheel slot 1) 62–63 White to Red (wheel slot 1) 64–65 Red (wheel slot 2) 66–67 Red to Blue (wheel slot 2) 68–69 Blue (wheel slot 3) 70–71 Blue to Green (wheel slot 3) 72–73 Green (wheel slot 4) 74–75 Green to Lime (wheel slot 4) 76–77 Lime (wheel slot 5) 78–79 Lime to Orange (wheel slot 5) 80–81 Orange (wheel slot 6) 82–83 Orange to Pink (wheel slot 6) 84–85 Pink (wheel slot 7) 86–87 Pink to Lavender (wheel slot 7) 88–89 Lavender (wheel slot 8) 90–91 Lavender to Medium Red (wheel slot 8) 92–93 Medium Red (wheel slot 9) 94–95 Medium Red to Aqua (wheel slot 9) 96–97 Aqua (wheel slot 10) 98–99 Aqua to Amber (wheel slot 10) 100–101 Amber (wheel slot 11) 102–103 Amber to CTB 9000K (wheel slot 11) 104–106 CTB 9000K (wheel slot 12) 107–109 CTB 9000K to 4500K (wheel slot 12) 110–112 4500K (wheel slot 13) 113–115 4500K to CTO 3200K (wheel slot 13) 116–118 CTO 3200K (wheel slot 14) 119–121 CTO 3200K to UV (wheel slot 14) 122–124 UV (wheel slot 15) 125–127 UV to White (wheel slot 15) 128–189 CW Rot fast to slow 190–193 No Rotation 194–255 CCW Rot slow to fast

16 CH (continued)

Ch	Function	Default	DMX values
4	Gobo	0	0–14 Open (wheel slot 1) 15–17 Gobo 1 (wheel slot 2) 18–20 Gobo 2 (wheel slot 3) 21–23 Gobo 3 (wheel slot 4) 24–26 Gobo 4 (wheel slot 5) 27–29 Gobo 5 (wheel slot 6) 30–32 Gobo 6 (wheel slot 7) 33–35 Gobo 7 (wheel slot 8) 36–38 Gobo 8 (wheel slot 9) 39–41 Gobo 9 (wheel slot 10) 42–44 Gobo 10 (wheel slot 11) 45–47 Gobo 11 (wheel slot 12) 48–50 Gobo 12 (wheel slot 13) 51–53 Gobo 13 (wheel slot 14) 54–56 Gobo 14 (wheel slot 15) 57–59 Gobo 15 (wheel slot 16) 60–63 Open shake (wheel slot 1) 64–67 Gobo 1 (wheel slot 2) 68–71 Gobo 2 (wheel slot 3) 72–75 Gobo 3 (wheel slot 4) 76–79 Gobo 4 (wheel slot 5) 80–83 Gobo 5 (wheel slot 6) 84–87 Gobo 6 (wheel slot 7) 88–91 Gobo 7 (wheel slot 8) 92–95 Gobo 8 (wheel slot 9) 96–99 Gobo 9 (wheel slot 10) 100–103 Gobo 10 (wheel slot 11) 104–107 Gobo 11 (wheel slot 12) 108–111 Gobo 12 (wheel slot 13) 112–115 Gobo 13 (wheel slot 14) 116–119 Gobo 14 (wheel slot 15) 120–127 Gobo 15 (wheel slot 16) 128–189 CW Rot fast to slow 190–193 No Rotation 194–255 CCW Rot slow to fast
5	Prism	0	0–7 No Prism 8–127 Prism 1 Activate (wheel slot 1) 128–255 Prism 2 Activate (wheel slot 2)
6	Prism Rotation	0	0–127 0-100% 128–189 CW Rot fast to slow 190–193 No Rotation 194–255 CCW Rot slow to fast
7	Shutter / Strobe	32	0–31 Shutter Close 32–63 Shutter Open 64–95 Strobe Slow to Fast 96–127 Shutter Open 128–159 Pulse Slow to Fast 160–191 Shutter Open 192–223 Strobe Slow to Fast 224–255 Shutter Open
8	Dimmer	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
9	Focus	0	
10	Frost1	0	0–15 Off 16–255 On

16 CH (continued)

Ch	Function	Default	DMX values
11	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
12	Position Effect Rate	0	
13	Color Macro1Rate	0	
14	Gobo1Select Effects	0	
15	Position MSpeed	0	
16	Function	0	0–19 No Function 20–29 Enable Color Indexing 30–39 Disable Color Indexing 40–59 Enable Frost Indexing 60–69 Disable Frost Indexing 70–79 Enable blackout while Pan/Tilt moving 80–89 Disable blackout while Pan/Tilt moving 90–99 Enable blackout while color changing 100–109 Disable blackout while color changing 110–119 Enable blackout while gobo changing 120–129 Disable blackout while gobo changing 130–139 Lamp On 140–149 Reset XY 150–159 Reset Effect 160–169 Reset Color (Color Wheel and CMY) 170–199 No Function 200–209 Reset All 210–229 No Function 230–239 Lamp Off 240–255 No Function

20 CH

20 channels

Ch	Function	Default	DMX values
1	Pan	128	
2	Pan Fine	128	Fine byte of Pan
3	Tilt	128	
4	Tilt Fine	128	Fine byte of Tilt
5	Color Wheel	0	0–3 Open (wheel slot 1) 4–7 Red (wheel slot 2) 8–11 Blue (wheel slot 3) 12–15 Green (wheel slot 4) 16–19 Lime (wheel slot 5) 20–23 Orange (wheel slot 6) 24–27 Pink (wheel slot 7) 28–31 Lavender (wheel slot 8) 32–35 Medium Red (wheel slot 9) 36–39 Aqua (wheel slot 10) 40–43 Amber (wheel slot 11) 44–47 CTB 9000K (wheel slot 12) 48–51 4500K (wheel slot 13) 52–55 3200K (wheel slot 14) 56–59 UV (wheel slot 15) 60–61 Open (wheel slot 1) 62–63 White to Red (wheel slot 1) 64–65 Red (wheel slot 2) 66–67 Red to Blue (wheel slot 2) 68–69 Blue (wheel slot 3) 70–71 Blue to Green (wheel slot 3) 72–73 Green (wheel slot 4) 74–75 Green to Lime (wheel slot 4) 76–77 Lime (wheel slot 5) 78–79 Lime to Orange (wheel slot 5) 80–81 Orange (wheel slot 6) 82–83 Orange to Pink (wheel slot 6) 84–85 Pink (wheel slot 7) 86–87 Pink to Lavender (wheel slot 7) 88–89 Lavender (wheel slot 8) 90–91 Lavender to Medium Red (wheel slot 8) 92–93 Medium Red (wheel slot 9) 94–95 Medium Red to Aqua (wheel slot 9) 96–97 Aqua (wheel slot 10) 98–99 Aqua to Amber (wheel slot 10) 100–101 Amber (wheel slot 11) 102–103 Amber to CTB 9000K (wheel slot 11) 104–106 CTB 9000K (wheel slot 12) 107–109 CTB 9000K to 4500K (wheel slot 12) 110–112 4500K (wheel slot 13) 113–115 4500K to CTO 3200K (wheel slot 13) 116–118 CTO 3200K (wheel slot 14) 119–121 CTO 3200K to UV (wheel slot 14) 122–124 UV (wheel slot 15) 125–127 UV to White (wheel slot 15) 128–189 CW Rot fast to slow 190–193 No Rotation 194–255 CCW Rot slow to fast

20 CH (continued)

Ch	Function	Default	DMX values
6	Gobo	0	0–14 Open (wheel slot 1) 15–17 Gobo 1 (wheel slot 2) 18–20 Gobo 2 (wheel slot 3) 21–23 Gobo 3 (wheel slot 4) 24–26 Gobo 4 (wheel slot 5) 27–29 Gobo 5 (wheel slot 6) 30–32 Gobo 6 (wheel slot 7) 33–35 Gobo 7 (wheel slot 8) 36–38 Gobo 8 (wheel slot 9) 39–41 Gobo 9 (wheel slot 10) 42–44 Gobo 10 (wheel slot 11) 45–47 Gobo 11 (wheel slot 12) 48–50 Gobo 12 (wheel slot 13) 51–53 Gobo 13 (wheel slot 14) 54–56 Gobo 14 (wheel slot 15) 57–59 Gobo 15 (wheel slot 16) 60–63 Open shake (wheel slot 1) 64–67 Gobo 1 (wheel slot 2) 68–71 Gobo 2 (wheel slot 3) 72–75 Gobo 3 (wheel slot 4) 76–79 Gobo 4 (wheel slot 5) 80–83 Gobo 5 (wheel slot 6) 84–87 Gobo 6 (wheel slot 7) 88–91 Gobo 7 (wheel slot 8) 92–95 Gobo 8 (wheel slot 9) 96–99 Gobo 9 (wheel slot 10) 100–103 Gobo 10 (wheel slot 11) 104–107 Gobo 11 (wheel slot 12) 108–111 Gobo 12 (wheel slot 13) 112–115 Gobo 13 (wheel slot 14) 116–119 Gobo 14 (wheel slot 15) 120–127 Gobo 15 (wheel slot 16) 128–189 CW Rot fast to slow 190–193 No Rotation 194–255 CCW Rot slow to fast
7	Prism	0	0–7 No Prism 8–127 Prism 1 Activate (wheel slot 1) 128–255 Prism 2 Activate (wheel slot 2)
8	Prism Rotation	0	0–127 0-100% 128–189 CW Rot fast to slow 190–193 No Rotation 194–255 CCW Rot slow to fast
9	Shutter / Strobe	32	0–31 Shutter Close 32–63 Shutter Open 64–95 Strobe Slow to Fast 96–127 Shutter Open 128–159 Pulse Slow to Fast 160–191 Shutter Open 192–223 Strobe Slow to Fast 224–255 Shutter Open
10	Dimmer	0	0–62 0 percent 63–126 25 percent 127–190 50 percent 191–254 75 percent 255–255 100 percent
11	Dimmer Fine	0	Fine byte of Dimmer
12	Focus	0	
13	Focus Fine	0	Fine byte of Focus
14	Frost1	0	0–15 Off 16–255 On

20 CH (continued)

Ch	Function	Default	DMX values
15	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
16	Position Effect Rate	0	
17	Color Macro1Rate	0	
18	Gobo1Select Effects	0	
19	Position MSpeed	0	
20	Function	0	0–19 No Function 20–29 Enable Color Indexing 30–39 Disable Color Indexing 40–59 Enable Frost Indexing 60–69 Disable Frost Indexing 70–79 Enable blackout while Pan/Tilt moving 80–89 Disable blackout while Pan/Tilt moving 90–99 Enable blackout while color changing 100–109 Disable blackout while color changing 110–119 Enable blackout while gobo changing 120–129 Disable blackout while gobo changing 130–139 Lamp On 140–149 Reset XY 150–159 Reset Effect 160–169 Reset Color (Color Wheel and CMY) 170–199 No Function 200–209 Reset All 210–229 No Function 230–239 Lamp Off 240–255 No Function