

QUICK REFERENCE GUIDE



Maverick MK3 Profile CX

DMX Values

Dmx Mode 54 CH

| Channel | Function | Value | Percent/Setting |
|-----------|------------------------------------|-----------|-----------------------------------|
| 1 | Pan | 000 ⇔ 255 | 0–100% |
| 2 | Fine Pan | 000 ⇔ 255 | Fine control (16-bit) |
| 3 | Tilt | 000 ⇔ 255 | 0–100% |
| 4 | Fine Tilt | 000 ⇔ 255 | Fine control (16-bit) |
| 5 | Pan/Tilt Speed | 000 ⇔ 255 | Fast to slow |
| 6 | Dimmer | 000 ⇔ 255 | 0–100% |
| 7 | Fine Dimmer | 000 ⇔ 255 | Fine control (16-bit) |
| 8 | Shutter | 000 ⇔ 003 | Closed |
| | | 004 ⇔ 007 | Open |
| | | 008 ⇔ 076 | Strobe, slow to fast |
| | | 077 ⇔ 145 | Pulse strobe, slow to fast |
| | | 146 ⇔ 215 | Random strobe, slow to fast |
| | | 216 ⇔ 255 | Open |
| 9 | Virtual Strobe | 000 ⇔ 001 | No function |
| | | 002 ⇔ 128 | Shaking strobe, slow to fast |
| | | 129 ⇔ 255 | Fading shake, slow to fast |
| 10 | Cyan | 000 ⇔ 255 | 0–100% |
| 11 | Magenta | 000 ⇔ 255 | 0–100% |
| 12 | Yellow | 000 ⇔ 255 | 0–100% |
| 13 | CTO | 000 ⇔ 255 | 0–100% |
| 14 | Color Wheel | 000 ⇔ 007 | Open |
| | | 008 ⇔ 015 | Red |
| | | 016 ⇔ 023 | Orange |
| | | 024 ⇔ 031 | Green |
| | | 032 ⇔ 039 | Yellow |
| | | 040 ⇔ 047 | Dark blue |
| | | 048 ⇔ 059 | 8000K CTB |
| | | 060 ⇔ 187 | Color wheel indexing |
| | | 188 ⇔ 219 | Color scroll, fast to slow |
| | | 220 ⇔ 223 | Stop |
| 224 ⇔ 255 | Reverse color scroll, slow to fast | | |
| 15 | Gobo Wheel 1 | 000 ⇔ 007 | Open |
| | | 008 ⇔ 015 | Gobo 1 (Sail Boats) |
| | | 016 ⇔ 023 | Gobo 2 (Radial Dot) |
| | | 024 ⇔ 031 | Gobo 3 (Mower Blade) |
| | | 032 ⇔ 039 | Gobo 4 (Bolts) |
| | | 040 ⇔ 047 | Gobo 5 (Shower Glass) |
| | | 048 ⇔ 055 | Gobo 6 (Ballistic Clouds) |
| | | 056 ⇔ 063 | Gobo 7 (Four Eyes) |
| | | 064 ⇔ 071 | Gobo 7 shaking |
| | | 072 ⇔ 079 | Gobo 6 shaking |
| | | 080 ⇔ 087 | Gobo 5 shaking |
| | | 088 ⇔ 095 | Gobo 4 shaking |
| | | 096 ⇔ 103 | Gobo 3 shaking |
| | | 104 ⇔ 111 | Gobo 2 shaking |
| | | 112 ⇔ 119 | Gobo 1 shaking |
| | | 120 ⇔ 127 | Open |
| | | 128 ⇔ 191 | Gobo scroll, slow to fast |
| | | 192 ⇔ 255 | Reverse gobo scroll, slow to fast |

| Channel | Function | Value | Percent/Setting |
|-----------|-----------------------------------|-----------|--|
| 16 | Gobo 1 Rotate | 000 ⇔ 063 | Rotating gobo index |
| | | 064 ⇔ 145 | Gobo rotation, fast to slow |
| | | 146 ⇔ 149 | Stop |
| | | 150 ⇔ 231 | Reverse gobo rotation, slow to fast |
| | | 232 ⇔ 255 | Bounce effect, short to long |
| 17 | Gobo Wheel 1 Indexing | 000 ⇔ 255 | Fine control (16-bit) |
| 18 | Gobo Wheel 2 | 000 ⇔ 005 | Open |
| | | 006 ⇔ 011 | Gobo 1 (Beam) |
| | | 012 ⇔ 017 | Gobo 2 (Bars) |
| | | 018 ⇔ 023 | Gobo 3 (Circles) |
| | | 024 ⇔ 029 | Gobo 4 (Breakup) |
| | | 030 ⇔ 035 | Gobo 5 (Dots) |
| | | 036 ⇔ 041 | Gobo 6 (Circuits) |
| | | 042 ⇔ 047 | Gobo 7 (Triangles) |
| | | 048 ⇔ 053 | Gobo 8 (Forest) |
| | | 054 ⇔ 063 | Gobo 9 (Rainbows) |
| | | 064 ⇔ 069 | Gobo 9 shaking |
| | | 070 ⇔ 075 | Gobo 8 shaking |
| | | 076 ⇔ 081 | Gobo 7 shaking |
| | | 082 ⇔ 087 | Gobo 6 shaking |
| | | 088 ⇔ 093 | Gobo 5 shaking |
| | | 094 ⇔ 099 | Gobo 4 shaking |
| | | 100 ⇔ 105 | Gobo 3 shaking |
| | | 106 ⇔ 111 | Gobo 2 shaking |
| | | 112 ⇔ 117 | Gobo 1 shaking |
| 118 ⇔ 127 | Open | | |
| 128 ⇔ 191 | Gobo scroll, slow to fast | | |
| 192 ⇔ 255 | Reverse gobo scroll, slow to fast | | |
| 19 | Animation Wheel | 000 ⇔ 255 | Animation effect, 0–100% |
| 20 | Animation Wheel Rotate | 000 ⇔ 124 | Animation wheel rotation, fast to slow |
| | | 125 ⇔ 130 | Stop |
| | | 131 ⇔ 255 | Reverse animation wheel, slow to fast |
| 21 | Blade 1-1 | 000 ⇔ 255 | 0–100% |
| 22 | Blade 1-1 Fine | 000 ⇔ 255 | Fine control (16-bit) |
| 23 | Blade 1-2 | 000 ⇔ 255 | 0–100% |
| 24 | Blade 1-2 Fine | 000 ⇔ 255 | Fine control (16-bit) |
| 25 | Blade 2-1 | 000 ⇔ 255 | 0–100% |
| 26 | Blade 2-1 Fine | 000 ⇔ 255 | Fine control (16-bit) |
| 27 | Blade 2-2 | 000 ⇔ 255 | 0–100% |
| 28 | Blade 2-2 Fine | 000 ⇔ 255 | Fine control (16-bit) |
| 29 | Blade 3-1 | 000 ⇔ 255 | 0–100% |
| 30 | Blade 3-1 Fine | 000 ⇔ 255 | Fine control (16-bit) |
| 31 | Blade 3-2 | 000 ⇔ 255 | 0–100% |
| 32 | Blade 3-2 Fine | 000 ⇔ 255 | Fine control (16-bit) |
| 33 | Blade 4-1 | 000 ⇔ 255 | 0–100% |
| 34 | Blade 4-1 Fine | 000 ⇔ 255 | Fine control (16-bit) |
| 35 | Blade 4-2 | 000 ⇔ 255 | 0–100% |
| 36 | Blade 4-2 Fine | 000 ⇔ 255 | Fine control (16-bit) |
| 37 | Frame Rotate | 000 ⇔ 255 | 0–100% |
| 38 | Frame Fine Rotate | 000 ⇔ 255 | Fine control (16-bit) |
| 39 | Focus | 000 ⇔ 255 | 0–100% |
| 40 | Fine Focus | 000 ⇔ 255 | Fine control (16-bit) |

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| Channel | Function | Value | Percent/Setting |
|-----------|----------------------|-----------|---|
| 41 | Auto Focus | 000 ⇔ 010 | No function |
| | | 011 ⇔ 030 | 0–5 m |
| | | 031 ⇔ 050 | 6 m |
| | | 051 ⇔ 070 | 7 m |
| | | 071 ⇔ 090 | 8 m |
| | | 091 ⇔ 110 | 9 m |
| | | 111 ⇔ 130 | 10 m |
| | | 131 ⇔ 150 | 12.5 m |
| | | 151 ⇔ 170 | 15 m |
| | | 171 ⇔ 190 | 17.5 m |
| | | 191 ⇔ 210 | 20–60 m |
| 211 ⇔ 255 | Auto-detect distance | | |
| 42 | Zoom | 000 ⇔ 255 | 0–100% |
| 43 | Fine Zoom | 000 ⇔ 255 | Fine control (16-bit) |
| 44 | Prism 1 | 000 ⇔ 004 | No function |
| | | 005 ⇔ 255 | Prism effect 1 |
| 45 | Prism 1 Rotate | 000 ⇔ 127 | Rotating prism 1 index |
| | | 128 ⇔ 189 | Prism 1 rotation, fast to slow |
| | | 190 ⇔ 193 | Stop |
| | | 194 ⇔ 255 | Reverse prism 1 rotation, slow to fast |
| 46 | Prism 2 | 000 ⇔ 004 | No function |
| | | 005 ⇔ 255 | Prism effect 2 |
| 47 | Prism 2 Rotate | 000 ⇔ 127 | Rotating prism 2 index |
| | | 128 ⇔ 189 | Prism 2 rotation, fast to slow |
| | | 190 ⇔ 193 | Stop |
| | | 194 ⇔ 255 | Reverse prism 2 rotation, slow to fast |
| 48 | Iris | 000 ⇔ 063 | Big to small |
| | | 064 ⇔ 127 | Auto change, slow to fast |
| | | 128 ⇔ 191 | Slow expand, fast shrink (slow to fast) |
| | | 192 ⇔ 255 | Slow shrink, fast expand (slow to fast) |
| 49 | Frost 1 | 000 ⇔ 255 | 0–100% |
| 50 | Frost 2 | 000 ⇔ 255 | 0–100% |
| 51 | No Function | 000 ⇔ 255 | No function |
| 52 | CMY Macro | 000 ⇔ 009 | No function |
| | | 010 ⇔ 255 | CMY macro |
| 53 | CMY Macro Speed | 000 ⇔ 255 | CMY macro speed, fast to slow |

| Channel | Function | Value | Percent/Setting |
|-----------|----------------|-----------|--------------------------------|
| 54 | Control | 000 ⇔ 007 | No function |
| | | 008 ⇔ 015 | XY blackout |
| | | 016 ⇔ 023 | C blackout |
| | | 024 ⇔ 031 | G blackout |
| | | 032 ⇔ 039 | XY/C blackout |
| | | 040 ⇔ 047 | XY/G blackout |
| | | 048 ⇔ 055 | XY/C/G blackout |
| | | 056 ⇔ 095 | No function |
| | | 096 ⇔ 103 | X reset |
| | | 104 ⇔ 111 | Y reset |
| | | 112 ⇔ 119 | Color reset |
| | | 120 ⇔ 127 | Gobo wheels and rotation reset |
| | | 128 ⇔ 135 | No function |
| | | 136 ⇔ 143 | Prisms reset |
| | | 144 ⇔ 151 | Framing shutter reset |
| | | 152 ⇔ 159 | All reset |
| | | 160 ⇔ 167 | Iris reset |
| | | 168 ⇔ 175 | Frost reset |
| | | 176 ⇔ 183 | Zoom reset |
| | | 184 ⇔ 191 | CMY reset |
| | | 192 ⇔ 199 | Fan ECO mode |
| | | 200 ⇔ 207 | Fan full speed |
| | | 208 ⇔ 215 | Fan auto |
| | | 216 ⇔ 220 | No function |
| | | 221 ⇔ 225 | Iris fast mode |
| | | 226 ⇔ 230 | Iris smooth mode |
| 231 ⇔ 235 | XY swap on | | |
| 236 ⇔ 240 | XY swap off | | |
| 241 ⇔ 245 | No function | | |
| 246 ⇔ 250 | XY smooth mode | | |
| 251 ⇔ 255 | XY fast mode | | |

Dmx Mode 38 CH

| Channel | Function | Value | Percent/Setting |
|-----------|-----------------------|-----------|------------------------------|
| 1 | Pan | 000 ⇔ 255 | 0–100% |
| 2 | Fine Pan | 000 ⇔ 255 | Fine control (16-bit) |
| 3 | Tilt | 000 ⇔ 255 | 0–100% |
| 4 | Fine Tilt | 000 ⇔ 255 | Fine control (16-bit) |
| 5 | Pan/Tilt Speed | 000 ⇔ 255 | Fast to slow |
| 6 | Dimmer | 000 ⇔ 255 | 0–100% |
| 7 | Shutter | 000 ⇔ 003 | Closed |
| | | 004 ⇔ 007 | Open |
| | | 008 ⇔ 076 | Strobe, slow to fast |
| | | 077 ⇔ 145 | Pulse strobe, slow to fast |
| | | 146 ⇔ 215 | Random strobe, slow to fast |
| | | 216 ⇔ 255 | Open |
| 8 | Virtual Strobe | 000 ⇔ 001 | No function |
| | | 002 ⇔ 128 | Shaking strobe, slow to fast |
| | | 129 ⇔ 255 | Fade in/out, slow to fast |
| 9 | Cyan | 000 ⇔ 255 | 0–100% |
| 10 | Magenta | 000 ⇔ 255 | 0–100% |
| 11 | Yellow | 000 ⇔ 255 | 0–100% |
| 12 | CTO | 000 ⇔ 255 | 0–100% |

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| Channel | Function | Value | Percent/Setting |
|---------|---------------|-----------|-------------------------------------|
| 13 | Color Wheel | 000 ⇔ 007 | Open |
| | | 008 ⇔ 015 | Red |
| | | 016 ⇔ 023 | Orange |
| | | 024 ⇔ 031 | Green |
| | | 032 ⇔ 039 | Yellow |
| | | 040 ⇔ 047 | Dark blue |
| | | 048 ⇔ 059 | 8000K CTB |
| | | 060 ⇔ 187 | Split colors |
| | | 188 ⇔ 219 | Color scroll, fast to slow |
| | | 220 ⇔ 223 | Stop |
| | | 224 ⇔ 255 | Reverse color scroll, slow to fast |
| 14 | Gobo Wheel 1 | 000 ⇔ 007 | Open |
| | | 008 ⇔ 015 | Gobo 1 (Sail Boats) |
| | | 016 ⇔ 023 | Gobo 2 (Radial Dot) |
| | | 024 ⇔ 031 | Gobo 3 (Mower Blade) |
| | | 032 ⇔ 039 | Gobo 4 (Bolts) |
| | | 040 ⇔ 047 | Gobo 5 (Shower Glass) |
| | | 048 ⇔ 055 | Gobo 6 (Ballistic Clouds) |
| | | 056 ⇔ 063 | Gobo 7 (Four Eyes) |
| | | 064 ⇔ 071 | Gobo 7 shaking |
| | | 072 ⇔ 079 | Gobo 6 shaking |
| | | 080 ⇔ 087 | Gobo 5 shaking |
| | | 088 ⇔ 095 | Gobo 4 shaking |
| | | 096 ⇔ 103 | Gobo 3 shaking |
| | | 104 ⇔ 111 | Gobo 2 shaking |
| | | 112 ⇔ 119 | Gobo 1 shaking |
| | | 120 ⇔ 127 | Open |
| | | 128 ⇔ 191 | Gobo scroll, slow to fast |
| | | 192 ⇔ 255 | Reverse gobo scroll, slow to fast |
| 15 | Gobo 1 Rotate | 000 ⇔ 063 | Rotating gobo index |
| | | 064 ⇔ 145 | Gobo rotation, fast to slow |
| | | 146 ⇔ 149 | Stop |
| | | 150 ⇔ 231 | Reverse gobo rotation, slow to fast |
| | | 232 ⇔ 255 | Bounce effect |

| Channel | Function | Value | Percent/Setting |
|-----------|-----------------------------------|-----------|--|
| 16 | Gobo Wheel 2 | 000 ⇄ 005 | Open |
| | | 006 ⇄ 011 | Gobo 1 (Beam) |
| | | 012 ⇄ 017 | Gobo 2 (Bars) |
| | | 018 ⇄ 023 | Gobo 3 (Circles) |
| | | 024 ⇄ 029 | Gobo 4 (Breakup) |
| | | 030 ⇄ 035 | Gobo 5 (Dots) |
| | | 036 ⇄ 041 | Gobo 6 (Circuits) |
| | | 042 ⇄ 047 | Gobo 7 (Triangles) |
| | | 048 ⇄ 053 | Gobo 8 (Forest) |
| | | 054 ⇄ 063 | Gobo 9 (Rainbows) |
| | | 064 ⇄ 069 | Gobo 9 shaking |
| | | 070 ⇄ 075 | Gobo 8 shaking |
| | | 076 ⇄ 081 | Gobo 7 shaking |
| | | 082 ⇄ 087 | Gobo 6 shaking |
| | | 088 ⇄ 093 | Gobo 5 shaking |
| | | 094 ⇄ 099 | Gobo 4 shaking |
| | | 100 ⇄ 105 | Gobo 3 shaking |
| | | 106 ⇄ 111 | Gobo 2 shaking |
| 112 ⇄ 117 | Gobo 1 shaking | | |
| 118 ⇄ 127 | Open | | |
| 128 ⇄ 191 | Gobo scroll, slow to fast | | |
| 192 ⇄ 255 | Reverse gobo scroll, slow to fast | | |
| 17 | Animation Wheel | 000 ⇄ 255 | Animation effect |
| 18 | Animation Wheel Rotate | 000 ⇄ 255 | Animation wheel rotation, fast to slow |
| | | 000 ⇄ 255 | Stop |
| | | 000 ⇄ 255 | Reverse animation wheel, slow to fast |
| 19 | Blade 1-1 | 000 ⇄ 255 | 0–100% |
| 20 | Blade 1-2 | 000 ⇄ 255 | 0–100% |
| 21 | Blade 2-1 | 000 ⇄ 255 | 0–100% |
| 22 | Blade 2-2 | 000 ⇄ 255 | 0–100% |
| 23 | Blade 3-1 | 000 ⇄ 255 | 0–100% |
| 24 | Blade 3-2 | 000 ⇄ 255 | 0–100% |
| 25 | Blade 4-1 | 000 ⇄ 255 | 0–100% |
| 26 | Blade 4-2 | 000 ⇄ 255 | 0–100% |
| 27 | Frame Rotate | 000 ⇄ 255 | 0–100% |
| 28 | Focus | 000 ⇄ 255 | 0–100% |
| 29 | Zoom | 000 ⇄ 255 | 0–100% |
| 30 | Prism 1 | 000 ⇄ 004 | No function |
| | | 005 ⇄ 255 | Prism effect 1 |
| 31 | Prism 1 Rotate | 000 ⇄ 127 | Rotating prism 1 index |
| | | 128 ⇄ 189 | Prism 1 rotation, fast to slow |
| | | 190 ⇄ 193 | Stop |
| | | 194 ⇄ 255 | Reverse prism 1 rotation, slow to fast |
| 32 | Prism 2 | 000 ⇄ 004 | No function |
| | | 005 ⇄ 255 | Prism effect 2 |
| 33 | Prism 2 Rotate | 000 ⇄ 127 | Rotating prism 2 index |
| | | 128 ⇄ 189 | Prism 2 rotation, fast to slow |
| | | 190 ⇄ 193 | Stop |
| | | 194 ⇄ 255 | Reverse prism 2 rotation, slow to fast |
| 34 | Iris | 000 ⇄ 063 | Big to small |
| | | 064 ⇄ 127 | Auto change, slow to fast |
| | | 128 ⇄ 191 | Slow zoom out, fast zoom in (slow to fast) |
| | | 192 ⇄ 255 | Slow zoom in, fast zoom out (slow to fast) |
| 35 | Frost 1 | 000 ⇄ 255 | 0–100% |
| 36 | Frost 2 | 000 ⇄ 255 | 0–100% |

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| Channel | Function | Value | Percent/Setting |
|---------|-------------|-----------|--------------------------------|
| 37 | No Function | 000 ⇔ 255 | No function |
| 38 | Control | 000 ⇔ 007 | No function |
| | | 008 ⇔ 015 | XY blackout |
| | | 016 ⇔ 023 | C blackout |
| | | 024 ⇔ 031 | G blackout |
| | | 032 ⇔ 039 | XY/C blackout |
| | | 040 ⇔ 047 | XY/G blackout |
| | | 048 ⇔ 055 | XY/C/G blackout |
| | | 056 ⇔ 095 | No function |
| | | 096 ⇔ 103 | X reset |
| | | 104 ⇔ 111 | Y reset |
| | | 112 ⇔ 119 | Color reset |
| | | 120 ⇔ 127 | Gobo wheels and rotation reset |
| | | 128 ⇔ 135 | No function |
| | | 136 ⇔ 143 | Prisms reset |
| | | 144 ⇔ 151 | Framing shutter reset |
| | | 152 ⇔ 159 | All reset |
| | | 160 ⇔ 167 | Iris reset |
| | | 168 ⇔ 175 | Frost reset |
| | | 176 ⇔ 183 | Zoom reset |
| | | 184 ⇔ 191 | CMY reset |
| | | 192 ⇔ 199 | Fan low speed |
| | | 200 ⇔ 207 | Fan full speed |
| | | 208 ⇔ 215 | Fan auto |
| | | 216 ⇔ 220 | No function |
| | | 221 ⇔ 225 | Iris fast mode |
| | | 226 ⇔ 230 | Iris smooth mode |
| | | 231 ⇔ 235 | XY swap on |
| | | 236 ⇔ 240 | XY swap off |
| | | 241 ⇔ 245 | No function |
| | | 246 ⇔ 250 | XY smooth mode |
| | | 251 ⇔ 255 | XY fast mode |