

| Channel | Function               | DMX Values | Effect / Notes  |
|---------|------------------------|------------|---|
| 1       | X axis                 | 000-255    | 540° horizontal scan                                    |
| 2       | Y axis                 | 000-255    | 270° vertical scan                                      |
| 3       | X axis fine adjustment | 000-255    | Horizontal fine adjustment                              |
| 4       | Y axis fine adjustment | 000-255    | Vertical fine adjustment                                |
| 5       | XY speed               | 000-255    | PAN/TILT speed  |
| 6       | Frost                  | 000-127    | Frost cut   |
| 6       | Frost                  | 128-255    | Frost effect  |
| 7       | Strobe                 | 000-003    | Shutter closed  |
| 7       | Strobe                 | 004-103    | Strobe slow → fast (controlled by dimmer channel)       |
| 7       | Strobe                 | 104-107    | Shutter open  |
| 7       | Strobe                 | 108-207    | Pulse strobe slow → fast (controlled by dimmer channel) |
| 7       | Strobe                 | 208-212    | Shutter open  |
| 7       | Strobe                 | 213-251    | Random strobe slow → fast                               |
| 7       | Strobe                 | 252-255    | Shutter open (controlled by dimmer channel)             |
| 8       | Dimmer                 | 000-255    | Brightness 0–100%                                       |
| 9       | Color wheel            | 000-006    | White light   |
| 9       | Color wheel            | 007-013    | White light + Color 1                                   |
| 9       | Color wheel            | 014-020    | Color 1   |
| 9       | Color wheel            | 021-027    | Color 1 + Color 2                                       |
| 9       | Color wheel            | 028-034    | Color 2   |
| 9       | Color wheel            | 035-041    | Color 2 + Color 3                                       |
| 9       | Color wheel            | 042-048    | Color 3   |
| 9       | Color wheel            | 049-055    | Color 3 + Color 4                                       |
| 9       | Color wheel            | 056-062    | Color 4   |
| 9       | Color wheel            | 063-069    | Color 4 + Color 5                                       |
| 9       | Color wheel            | 070-076    | Color 5   |
| 9       | Color wheel            | 077-083    | Color 5 + Color 6                                       |
| 9       | Color wheel            | 084-090    | Color 6   |
| 9       | Color wheel            | 091-097    | Color 6 + Color 7                                       |
| 9       | Color wheel            | 098-104    | Color 7   |
| 9       | Color wheel            | 105-111    | Color 7 + Color 8                                       |
| 9       | Color wheel            | 112-118    | Color 8   |
| 9       | Color wheel            | 119-127    | Color 8 + Color 9                                       |
| 9       | Color wheel            | 128-191    | Forward flow (fast → slow)                              |
| 9       | Color wheel            | 192-255    | Reverse flow (slow → fast)                              |
| 10      | CTO                    | 000-009    | White light   |
| 10      | CTO                    | 010-255    | Linear CTO  |
| 11      | C                      | 000-009    | White light   |
| 11      | C                      | 010-255    | Blue  |
| 12      | M                      | 000-009    | White light   |
| 12      | M                      | 010-255    | Magenta   |
| 13      | Y                      | 000-009    | White light   |
| 13      | Y                      | 010-255    | Yellow  |

|    |            |         |                                   |
|----|------------|---------|-----------------------------------|
| 14 | Gobo wheel | 000-004 | Solid gobo 1 (white light)        |
| 14 | Gobo wheel | 005-009 | Solid gobo 2                      |
| 14 | Gobo wheel | 010-014 | Solid gobo 3                      |
| 14 | Gobo wheel | 015-019 | Solid gobo 4                      |
| 14 | Gobo wheel | 020-024 | Solid gobo 5                      |
| 14 | Gobo wheel | 025-029 | Solid gobo 6                      |
| 14 | Gobo wheel | 030-034 | Solid gobo 7                      |
| 14 | Gobo wheel | 035-039 | Solid gobo 8                      |
| 14 | Gobo wheel | 040-044 | Solid gobo 9                      |
| 14 | Gobo wheel | 045-049 | Solid gobo 10                     |
| 14 | Gobo wheel | 050-054 | Solid gobo 11                     |
| 14 | Gobo wheel | 055-059 | Solid gobo 12                     |
| 14 | Gobo wheel | 060-064 | Solid gobo 1 shake (slow → fast)  |
| 14 | Gobo wheel | 065-069 | Solid gobo 2 shake (slow → fast)  |
| 14 | Gobo wheel | 070-074 | Solid gobo 3 shake (slow → fast)  |
| 14 | Gobo wheel | 075-079 | Solid gobo 4 shake (slow → fast)  |
| 14 | Gobo wheel | 080-084 | Solid gobo 5 shake (slow → fast)  |
| 14 | Gobo wheel | 085-089 | Solid gobo 6 shake (slow → fast)  |
| 14 | Gobo wheel | 090-094 | Solid gobo 7 shake (slow → fast)  |
| 14 | Gobo wheel | 095-099 | Solid gobo 8 shake (slow → fast)  |
| 14 | Gobo wheel | 100-104 | Solid gobo 9 shake (slow → fast)  |
| 14 | Gobo wheel | 105-109 | Solid gobo 10 shake (slow → fast) |
| 14 | Gobo wheel | 110-114 | Solid gobo 11 shake (slow → fast) |
| 14 | Gobo wheel | 115-119 | Solid gobo 12 shake (slow → fast) |
| 14 | Gobo wheel | 120-187 | Reverse flow (fast → slow)        |
| 14 | Gobo wheel | 188-255 | Forward flow (slow → fast)        |
| 15 | Reserved   | 000-255 | *****                             |
| 16 | GIF        | 000-009 | Pattern 1 (white light)           |
| 16 | GIF        | 010-019 | Pattern 2                         |
| 16 | GIF        | 020-029 | Pattern 3                         |
| 16 | GIF        | 030-039 | Pattern 4                         |
| 16 | GIF        | 040-049 | Pattern 5                         |
| 16 | GIF        | 050-059 | Pattern 6                         |
| 16 | GIF        | 060-069 | Pattern 7                         |
| 16 | GIF        | 070-079 | Pattern 8                         |
| 16 | GIF        | 080-089 | Pattern 2 shake (slow → fast)     |
| 16 | GIF        | 090-099 | Pattern 3 shake (slow → fast)     |
| 16 | GIF        | 100-109 | Pattern 4 shake (slow → fast)     |
| 16 | GIF        | 110-119 | Pattern 5 shake (slow → fast)     |
| 16 | GIF        | 120-129 | Pattern 6 shake (slow → fast)     |
| 16 | GIF        | 130-139 | Pattern 7 shake (slow → fast)     |
| 16 | GIF        | 140-149 | Pattern 8 shake (slow → fast)     |
| 16 | GIF        | 150-200 | Forward flow (fast → slow)        |

|    |                  |         |                                |
|----|------------------|---------|--------------------------------|
| 16 | GIF              | 201-255 | Reverse flow (slow → fast)     |
| 17 | GIF rotation     | 000-127 | Angle adjustment               |
| 17 | GIF rotation     | 128-190 | Forward rotation (fast → slow) |
| 17 | GIF rotation     | 191-192 | Stop                           |
| 17 | GIF rotation     | 193-255 | Reverse rotation (slow → fast) |
| 18 | Prism 1          | 000-127 | No prism effect                |
| 18 | Prism 1          | 128-255 | Prism 1                        |
| 19 | Prism 1 rotation | 000-127 | Prism 1 angle adjustment       |
| 19 | Prism 1 rotation | 128-189 | Forward rotation (fast → slow) |
| 19 | Prism 1 rotation | 190-192 | Stop                           |
| 19 | Prism 1 rotation | 193-255 | Reverse rotation (slow → fast) |
| 20 | Prism 2          | 000-127 | No prism effect                |
| 20 | Prism 2          | 128-255 | Prism 2                        |
| 21 | Prism 2 rotation | 000-127 | Prism 2 angle adjustment       |
| 21 | Prism 2 rotation | 128-189 | Forward rotation (fast → slow) |
| 21 | Prism 2 rotation | 190-192 | Stop                           |
| 21 | Prism 2 rotation | 193-255 | Reverse rotation (slow → fast) |
| 22 | Zoom             | 000-255 | Zoom                           |
| 23 | Focus            | 000-255 | Pattern focus far → near       |
| 24 | Reset            | 000-249 | No function assigned           |
| 24 | Reset            | 250-255 | All motors reset               |