

# CUBIX 500 DMX CHART

PR-6600



| Short Mode | Standard Mode                             | Extended Mode | Function            | DMX Value | Description                                 |
|------------|---|---------------|---------------------|-----------|---|
| 1          | 1   | 1             | Strobe              | 000-010   | Close                                       |
|            |   |               |                     | 011-025   | Open  |
|            |   |               |                     | 026-225   | Strobe from slow to fast                    |
|            |   |               |                     | 226-245   | Random strobe from slow to fast             |
|            |   |               |                     | 246-255   | Open  |
| 2          | 2   | 2             | Dimmer              | 0-255     | Linear dimmer form dark to bright (0-100% ) |
|            |   | 3             | Dimmer Fine         | 0-255     | Dimmer in 16 bit                            |
| 3          | 3   | 4             | Color Wheel         | 000-063   | Positioning(0°-360° )                       |
|            |   |               |                     | 064-067   | White/Color 1                               |
|            |   |               |                     | 068-071   | Color 1                                     |
|            |   |               |                     | 072-075   | Color 1/ Color 2                            |
|            |   |               |                     | 076-079   | Color 2                                     |
|            |   |               |                     | 080-083   | Color 2/ Color 3                            |
|            |   |               |                     | 084-087   | Color 3                                     |
|            |   |               |                     | 088-091   | Color 3/ Color 4                            |
|            |   |               |                     | 092-095   | Color 4                                     |
|            |   |               |                     | 096-099   | Color 4/ Color 5                            |
|            |   |               |                     | 100-103   | Color 5                                     |
|            |   |               |                     | 104-107   | Color 5/ Color 6                            |
|            |   |               |                     | 108-111   | Color 6                                     |
|            |   |               |                     | 112-115   | Color 6/ Color 7                            |
|            |   |               |                     | 116-119   | Color 7                                     |
|            |   |               |                     | 120-123   | Color 7/ Color                              |
|            |   |               |                     | 124-127   | White                                       |
|            |   |               |                     | 128-191   | Clockwise rotation from slow to fast        |
| 192-255    | Anti-clockwise rotation from fast to slow |               |                     |           |   |
|            | 4   | 5             | Color Wheel Fine    | 000-255   | Color wheel in 16 bit                       |
| 4          | 5   | 6             | Rotating Gobo Wheel | 000-015   | White                                       |
|            |   |               |                     | 016-031   | Gobo1                                       |
|            |   |               |                     | 032-047   | Gobo 2                                      |
|            |   |               |                     | 048-063   | Gobo 3                                      |
|            |   |               |                     | 064-079   | Gobo 4                                      |
|            |   |               |                     | 080-095   | Gobo 5                                      |
|            |   |               |                     | 096-111   | Gobo 6                                      |
|            |   |               |                     | 112-127   | Gobo 7                                      |
|            |   |               |                     | 128-156   | Clockwise rotation from slow to fast        |
|            |   |               |                     | 157-185   | Anti-clockwise rotation from slow to fast   |
|            |   |               |                     | 186-195   | Gobo1shake from slow to fast                |
|            |   |               |                     | 196-205   | Gobo2shake from slow to fast                |
|            |   |               |                     | 206-215   | Gobo3shake from slow to fast                |
|            |   |               |                     | 216-225   | Gobo4shake from slow to fast                |

|         |                        |    |                       |   |   |
|---------|------------------------|----|-----------------------|---|---|
|         |                        |    |                       | 226-235   | Gobo5shake from slow to fast              |
|         |                        |    |                       | 236-245   | Gobo6shake from slow to fast              |
|         |                        |    |                       | 246-255   | Gobo7shake from slow to fast              |
| 5       | 6                      | 7  | Gobo Rotation         | 000-128   | Gobo Indexing(0-360degrees)               |
|         |                        |    |                       | 129-188   | Clockwise rotation from slow to fast      |
|         |                        |    |                       | 189-195   | Stop rotation                             |
|         |                        |    |                       | 196-255   | Anti-clockwise rotation from slow to fast |
|         |                        | 8  | Gobo Rotation Fine    | 000-255   | Gobo rotation in 16 bit                   |
| 6       | 7                      | 9  | Effect Wheel          | 000-020   | No  |
|         |                        |    |                       | 021-255   | Effect Wheel In                           |
| 7       | 8                      | 10 | Effect Wheel Rotation | 000-127   | Clockwise rotation from slow to fas       |
|         |                        |    |                       | 128   | Stop rotation                             |
|         |                        |    |                       | 129-255   | Anti-clockwise rotation from slow to fast |
| 8       | 9                      | 11 | Prism & Frost         | 000-016   | White                                     |
|         |                        |    |                       | 017-127   | Linear prism                              |
|         |                        |    |                       | 128-255   | 3 facet circular prism                    |
| 9       | 10                     | 12 | Prism Rotation        | 000-128   | Prism Rotation Indexing(0-360degrees)     |
|         |                        |    |                       | 129-191   | Clockwise rotation from slow to fast      |
|         |                        |    |                       | 192   | Stop                                      |
|         |                        |    |                       | 193-255   | Anti-clockwise rotation from slow to fast |
| 10      | 11                     | 13 | Effect Marco          | 000-005   | No  |
|         |                        |    |                       | 006-030   | Effect Macro 1                            |
|         |                        |    |                       | 031-055   | Effect Macro 2                            |
|         |                        |    |                       | 056-080   | Effect Macro 3                            |
|         |                        |    |                       | 081-105   | Effect Macro 4                            |
|         |                        |    |                       | 106-130   | Effect Macro 5                            |
|         |                        |    |                       | 131-155   | Effect Macro 6                            |
|         |                        |    |                       | 156-180   | Effect Macro 7                            |
|         |                        |    |                       | 181-205   | Effect Macro 8                            |
|         |                        |    |                       | 206-230   | Effect Macro 9                            |
|         |                        |    |                       | 231-255   | Effect Macro 10                           |
| 13      | 16                     | 18 | Dimmer Curve Mode     | 000-029   | Dimmer Curve 1                            |
|         |                        |    |                       | 030-059   | Dimmer Curve 2                            |
|         |                        |    |                       | 060-089   | Dimmer Curve 3                            |
|         |                        |    |                       | 090-119   | Dimmer Curve 4                            |
|         |                        |    |                       | 120-255   | Default to Unit Setting                   |
| 14      | 17                     | 19 | Control               | 000-019   | Reserved                                  |
|         |                        |    |                       | The following function to be activated after it stays in DMX value between for more than 5s. And after power off, the set-up won't be stored. |   |
|         |                        |    |                       | 020-024   | Graphic display On                        |
|         |                        |    |                       | 025-029   | Graphic display Off                       |
|         |                        |    |                       | 030-149   | Reserved                                  |
|         |                        |    |                       | 150-159   | Colour system reset                       |
|         |                        |    |                       | 160-169   | Gobo wheels reset                         |
|         |                        |    |                       | 170-179   | Reserved                                  |
| 180-189 | Zoom/focus/prism reset |    |                       |   |   |

|  |  |  |  |         |                    |
|--|--|--|--|---------|--------------------|
|  |  |  |  | 190-199 | Effect wheel reset |
|  |  |  |  | 200-209 | Total reset        |
|  |  |  |  | 210-255 | Reserved           |

Note: Effect Macro channel is highest in priority. If it works, color wheel, rotating gobo wheel, effect wheel and prism are invalid.

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