

## 7. DMX Channels

### 26CH

| Channel | Function                                       | DMX value | Description   |
|---------|--|-----------|---|
| 1       | Pan  | 0-255     | Pan movement  |
| 2       | Pan fine                                       | 0-255     | Pan fine  |
| 3       | Tilt   | 0-255     | Tilt movement                                       |
| 4       | Tilt fine                                      | 0-255     | Tilt fine   |
| 5       | Pan/Tilt Speed                                 | 0-255     | Pan/Tilt Speed from fast to slow                    |
| 6       | Dimmer   | 0-255     | 0-100% dimmer                                       |
| 7       | Strobe   | 0-3       | No function   |
|         |  | 4-99      | Strobe from slow to fast                            |
|         |  | 100-149   | Thunder strobe from slow to fast                    |
|         |  | 150-199   | Pulse strobe from slow to fast                      |
|         |  | 200-249   | Random strobe from slow to fast                     |
|         |  | 250-255   | No function(LED ON)                                 |
| 8       | Color wheel                                    | 0-9       | Open  |
|         |  | 10-19     | Color 1   |
|         |  | 20-29     | Color 2   |
|         |  | 30-39     | Color 3   |
|         |  | 40-49     | Color 4   |
|         |  | 50-59     | Color 5   |
|         |  | 60-69     | Color6  |
|         |  | 70-79     | Color 7   |
|         |  | 80-89     | Open+Color 1  |
|         |  | 90-99     | Color 1+Color 2                                     |
|         |  | 100-109   | Color 2+Color 3                                     |
|         |  | 110-119   | Color 3+Color 4                                     |
|         |  | 120-129   | Color 4+Color 5                                     |
|         |  | 130-139   | Color 5+Color 6                                     |
|         |  | 140-149   | Color 6+Color 7                                     |
|         |  | 150-159   | Color 7+Open  |
|         |  | 160-206   | Color wheel Anti-clockwise rotate from slow to fast |
|         |  | 207-208   | Stop  |
| 209-255 | Color wheel clockwise rotate from slow to fast |           |   |
| 9       | Rotation gobo wheel                            | 0-9       | Open  |
|         |  | 10-19     | Rotation gobo 1                                     |
|         |  | 20-29     | Rotation gobo 2                                     |
|         |  | 30-39     | Rotation gobo 3                                     |
|         |  | 40-49     | Rotation gobo 4                                     |
|         |  | 50-59     | Rotation gobo 5                                     |
|         |  | 60-69     | Rotation gobo 6                                     |
|         |  | 70-79     | Rotation gobo 7                                     |
|         |  | 80-89     | Rotation gobo 1 shake effect                        |
|         |  | 90-99     | Rotation gobo 2 shake effect                        |
|         |  | 100-109   | Rotation gobo 3 shake effect                        |
|         |  | 110-119   | Rotation gobo 4 shake effect                        |

|    |                     |         |   |
|----|---------------------|---------|---|
| 9  | Rotation gobo wheel | 120-129 | Rotation gobo 5 shake effect                                  |
|    |                     | 130-139 | Rotation gobo 6 shake effect                                  |
|    |                     | 140-149 | Rotation gobo 7 shake effect                                  |
|    |                     | 150-200 | Rotation gobo wheel anti-clockwise rotation from slow to fast |
|    |                     | 201-204 | Open  |
|    |                     | 205-255 | Rotation gobo wheel clockwise rotation from slow to fast      |
| 10 | Gobo rotate         | 0-127   | Gobo rotate   |
|    |                     | 128-189 | Gobo rotate clockwise from slow to fast                       |
|    |                     | 190-193 | Stop  |
|    |                     | 194-255 | Gobo rotate anti-clockwise from slow to fast                  |
| 11 | Prism               | 0-127   | No function   |
|    |                     | 128-255 | Prism   |
| 12 | Prism rotate        | 0-127   | Prism rotate position   |
|    |                     | 128-189 | Prism rotate anti-clockwise from slow to fast                 |
|    |                     | 190-193 | Stop  |
|    |                     | 194-255 | Prism rotate clockwise from slow to fast                      |
| 13 | Frost               | 0-127   | No function   |
|    |                     | 128-255 | Frost effect  |
| 14 | Focus               | 0-255   | Focus   |
| 15 | ZOOM                | 0-255   | ZOOM  |
| 16 | Macro framing shape | 0-49    | No function   |
|    |                     | 50-59   | Marco shape 1   |
|    |                     | 60-189  | Every 10 DMX value is a btilt-in shape                        |
|    |                     | 190-199 | Macro shape 15  |
|    |                     | 200-255 | No function   |
| 17 | Iris                | 0-134   | Linear Iris effect  |
|    |                     | 135-164 | Iris open fastly and close slowly                             |
|    |                     | 165-194 | Iris open slowly and close fastly                             |
|    |                     | 195-224 | Iris in normal speed  |
|    |                     | 225-255 | Random speed  |
| 18 | Framing 1           | 0-255   | Shutter framing 1   |
| 19 | Framing 2           | 0-255   | Shutter framing 2   |
| 20 | Framing 3           | 0-255   | Shutter framing 3   |
| 21 | Framing 4           | 0-255   | Shutter framing 4   |
| 22 | Framing 5           | 0-255   | Shutter framing 5   |
| 23 | Framing 6           | 0-255   | Shutter framing 6   |
| 24 | Framing 7           | 0-255   | Shutter framing 7   |
| 25 | Framing 8           | 0-255   | Shutter framing 8   |
| 26 | Reset               | 0-149   | No function   |
|    |                     | 150-155 | Pan/Tilt motor reset within 5s                                |
|    |                     | 156-179 | No function   |
|    |                     | 180-185 | Small motors reset(Gobo,color,zoom,focus,prism,etc)           |
|    |                     | 186-209 | No function   |
|    |                     | 210-215 | All motors reset within 5s                                    |
|    |                     | 216-255 | No function   |