# ArcPower 72/K2 - DMX protocol

Version 2.0 (software version 1.3 and higher)

| Mode/Channel | | | | Value | Function | Type of control |
|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | | | |
| | | | | | **ZONE 1** | |
| 1 | 1 | 1 | 1 | 0-255 | **Red LED 1**<br>Red LED saturation control (0-100%) | proportional |
| 2 | 2 | 2 | 2 | 0-255 | **Green LED 1**<br>Green LED saturation control (0-100%) | proportional |
| 3 | 3 | 3 | 3 | 0-255 | **Blue LED 1**<br>Blue LED saturation control (0-100%) | proportional |
| - | 4 | 4 | - | 0-255 | **White LED 1**<br>White LED saturation control (0-100%) | proportional |
| | | | | | **ZONE 2** | |
| 4 | 5 | 5 | 1 | 0-255 | **Red LED 2**<br>Red LED saturation control (0-100%) | proportional |
| 5 | 6 | 6 | 2 | 0-255 | **Green LED 2**<br>Green LED saturation control (0-100%) | proportional |
| 6 | 7 | 7 | 3 | 0-255 | **Blue LED 2**<br>Blue LED saturation control (0-100%) | proportional |
| - | 8 | 8 | - | 0-255 | **White LED 2**<br>White LED saturation control (0-100%) | proportional |
| | | | | | **Common channels for all Zones** | |
| - | - | 9 | - | | **Macro selection** | |
| | | | | 0-7 | No function | step |
| | | | | 8-15 | Macro 1 | step |
| | | | | 16-23 | Macro 2 | step |
| | | | | 24-31 | Macro 3 | step |
| | | | | 32-39 | Macro 4 | step |
| | | | | 40-47 | Macro 5 | step |
| | | | | 48-55 | Macro 6 | step |
| | | | | 56-63 | Macro 7 | step |
| | | | | 64-71 | Macro 8 | step |
| | | | | 72-79 | Macro 9 | step |
| | | | | 80-87 | Macro 10 | step |
| | | | | 88-95 | Macro 11 | step |
| | | | | 96-103 | Macro 12 | step |
| | | | | 104-111 | Macro 13 | step |
| | | | | 112-119 | Macro 14 | step |
| | | | | 120-127 | Macro 15 | step |
| | | | | 128-135 | Macro 16 | step |
| | | | | 136-143 | Macro 17 | step |
| | | | | 144-151 | Macro 18 | step |
| | | | | 152-159 | Macro 19 | step |
| | | | | 160-167 | Macro 20 | step |
| | | | | 168-175 | Macro 21 | step |
| | | | | 176-183 | Macro 22 | step |
| | | | | 184-191 | Macro 23 | step |
| | | | | 192-199 | Macro 24 | step |
| | | | | 200-207 | Macro 25 | step |
| | | | | 208-215 | Macro 26 | step |
| | | | | 216-223 | Macro 27 | step |
| | | | | 224-231 | Macro 28 | step |
| | | | | 232-239 | Macro 29 | step |
| | | | | 240-247 | Macro 30 | step |
| | | | | 248-255 | Rainbow effect with variable speed | proportional |
| - | - | 10 | - | | **Shutter/Strobe** | |
| | | | | 0-31 | Shutter closed | step |
| | | | | 32-63 | Shutter open | step |
| | | | | 64-95 | Strobe-effect from slow to fast | proportional |
| | | | | 96-127 | Shutter open | step |
| | | | | 128-143 | Opening pulses in sequences from slow to fast | proportional |
| | | | | 144-159 | Closing pulses in sequences from fast to slow | proportional |
| | | | | 160-191 | Shutter open | step |
| | | | | 192-223 | Random strobe-effects from slow to fast | proportional |
| | | | | 224-255 | Shutter open | step |
| - | - | 11 | 4 | | **Dimmer** | |
| | | | | 0-255 | Dimmer intensity from 0% to 100% | proportional |