

## **MOVING HEAD V700W-E :**

### **DMX channel's functions and their values (16 DMX channels):**

#### **Channel 1 - Color Wheel :**

0-13	Open / white
14-27	Color 1
28-41	Color 2
42-55	Color 3
56-69	Color 4
70-83	Color 5
84-97	Color 6
98-111	Color 7
112-127	Color 8
128-187	Forwards rainbow effect from fast to slow
188-195	No rotation
196-255	Backwards rainbow effect from slow to fast

#### **Channel 2 - Cyan Color Wheel :**

0-255	Cyan (0-white, 255-100% Cyan)
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#### **Channel 3 - Magenta Color Wheel :**

0-255	Magenta (0-white, 255-100% magenta)
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#### **Channel 4 - Yellow Color Wheel :**

0-255	Yellow (0-white, 255-100% Yellow)
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#### **Channel 5 - PAN movement 8bit :**

#### **Channel 6 - TILT movement 8bit :**

#### **Channel 7 - Speed pan/tilt movement:**

0-225	max to min speed
226-235	blackout by movement
236-245	blackout by all wheel changing
246-255	no function

#### **Channel 8 - Effect Wheel:**

0-3	Open / white
4-127	Beam shaper indexing
128-189	Forwards rainbow effect from fast to slow
190-193	No rotation
194-255	Backwards rainbow effect from slow to fast

#### **Channel 9 – Stepless Zoom**

0-255	Zoom adjustment from small to big
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#### **Channel 10 - Shutter, strobe:**

0-31	Shutter closed
32-63	No function (shutter open)
64-95	Strobe effect slow to fast
96-127	No function (shutter open)
128-159	Pulse-effect in sequences

160-191 No function (shutter open)  
192-223 Random strobe effect slow to fast  
224-255 No function (shutter open)

**Channel 11- Dimmer (intensity):**

0-255 Intensity 0 to 100%

**Channel 12 - Speed Of CMY And Dimmer :**

0-255 Speed Max - >Min

**Channel 13 - Colour macros - CMY and colour wheel:**

0-7	OFF	128-135
8-15	Macro1	136-143
16-23	Macro2	144-151
24-31	Macro3	152-159
32-39	Macro4	160-167
40-47	Macro5	168-175
48-55	Macro6	176-183
56-63	Macro7	184-191
64-71	Macro8	192-199
72-79	Macro9	200-207
80-87	Macro10	208-215
88-95	Macro11	216-223
96-103	Macro12	224-231
104-111	Macro13	232-239
112-119	Macro14	240-247
120-127	Macro15	248-255

**Channel 14- Lamp on/off, reset, internal programs:**

0-19 colour change normal  
20-39 colour change to any position  
40-59 Lamp on  
60-79 Lamp switch off  
80-84 All motor reset  
85-87 Scan motor reset  
88-90 Colors motor reset  
91-93 No function  
94-96 Shutter & Dimmer motor reset  
97-99 Other motor reset  
100-119 Internal program 1 (secne1~8 of EEPROM)  
120-139 Internal program 2 (secne9~16 of EEPROM)  
140-159 Internal program 3 (secne17~24 of EEPROM)  
160-179 Internal program 4 (secne25~32 of EEPROM)  
180-199 Internal program 5 (secne33~40 of EEPROM)  
200-219 Internal program 6 (secne41~48 of EEPROM)  
220-239 Internal program 7 (secne49~56 of EEPROM)  
240-255 Music Control (secne of Program 1)

**Channel 15 – Pan fine 16bit**

**Channel 16- Tilt fine 16bit**