

## DMX Protocol 15 Channels ( 15Ch )

### Channel 1 – Horizontal movement (Pan)

Push the slider up, in order to move head horizontally (PAN).  
Gradual head adjustment from one end of the slider to the other (0-255, 128-center).  
The head can be turned by 540° and stopped at any position you wish.

### Channel 2 – Vertical movement (Tilt)

Push the slider, up in order to move head vertically (TILT).  
Gradual head adjustment from one end of the slider to the other (0-255, 128-center).  
The head can be turned by 270° and stopped at any position you wish.

### Channel 3 – Pan fine 16 bit

### Channel 4 – Tilt fine 16 bit

### Channel 5 – PAN/TILT Speed

0-255	From Max Speed (0) to Min. Speed (255)
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### Channel 6 – Shutter / Strobe (LED Saturation must be open )

0-7	Close
8-132	Dimmer intensity from brightest to black from 100-0%
133-134	Close
135-239	Strobe effect, from slow to fast (0-10 flashes/sec.)
240-255	Shutter open

### Channel 7 – Red

0-255	Red from 0 – 100%
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### Channel 8 – Green

0-255	Green from 0 – 100%
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### Channel 9 – Blue

0-255	Blue from 0 – 100%
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### Channel 10 – White

0-255	White from 0 – 100%
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### Channel 11 – LED Color Saturation

0-255	From black to brightest
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### Channel 12 – Macro

0-7	Closed
8-21	RGBW full On
22-35	Red
36-49	Green
50-63	Blue
64-77	White
78-91	Macro 1
92-105	Macro 2
106-119	Macro 3
120-133	Macro 4
134-147	Macro 5
148-161	Macro 6
162-175	Macro 7
176-189	Macro 8
190-203	Macro 9
204-217	Macro 10
218-231	Macro 11
232-255	Rainbow effect

### Channel 13 – LED Speed

0-255	Color change with from fast to slow
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### Channel 14 – Channel Functions

0-7	No Function
8-27	Blackout during Pan/Tilt movement
28-147	Disable blackout during Pan/Tilt movement
148-167	Reset Pan
168-187	Reset Tilt
188-207	No Function
208-227	No Function
228-247	Reset All channels
248-255	No Function

### Channel 15 – Built-in Programs + Sound-controlled Programs

0-7	No Function
8-23	Built-in Program 1
24-39	Built-in Program 2
40-55	Built-in Program 3
56-71	Built-in Program 4
72-87	Built-in Program 5
88-103	Built-in Program 6
104-119	Built-in Program 7
120-135	Built-in Program 8
136-151	Sound-controlled Program 1
152-167	Sound-controlled Program 2
168-183	Sound-controlled Program 3
184-199	Sound-controlled Program 4
200-215	Sound-controlled Program 5
216-231	Sound-controlled Program 6
232-247	Sound-controlled Program 7
248-255	Sound-controlled Program 8

## DMX Protocol 6 Channels ( 6CH )

### Channel 1 – Horizontal movement (Pan)

Push the slider up, in order to move head horizontally (PAN).

Gradual head adjustment from one end of the slider to the other (0-255, 128-center).

The head can be turned by 540° and stopped at any position you wish.

### Channel 2 – Vertical movement (Tilt)

Push the slider, up in order to move head vertically (TILT).

Gradual head adjustment from one end of the slider to the other (0-255, 128-center).

The head can be turned by 270° and stopped at any position you wish.

### Channel 3 – Shutter / Strobe (LED Saturation must be open )

0-7	Close
8-132	Dimmer intensity from brightest to black from 100-0%
133-134	Close
135-239	Strobe effect, from slow to fast (0-10 flashes/sec.)
240-255	Shutter open

### Channel 4 – White

0-255	White from 0 – 100%
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### Channel 5 – Macro

0-7	Closed
8-21	RGBW full On
22-35	Red
36-49	Green
50-63	Blue
64-77	White
78-91	Macro 1
92-105	Macro 2
106-119	Macro 3
120-133	Macro 4
134-147	Macro 5
148-161	Macro 6
162-175	Macro 7
176-189	Macro 8
190-203	Macro 9
204-217	Macro 10
218-231	Macro 11
232-255	Rainbow effect

### Channel 6 – LED Color Saturation

0-255	From black to brightest
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# Channel settings

WASH-5LED Spot Fixture-settings

Channel	1	2	3	4	5	6	7	8	9	10	11	12	13	14	p
Function	Pan	Pan-Fine	Tilt	Tilt-Fine	Pan/Tilt Speed	Shutter Strobe	Red	Green	Blue	White	LED Color Saturation	Macro	LED Speed	Control	
255															249-255
128															
0															

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## Maintenance

The operator has to make sure that safety-relating and machine-technical installations are to be inspected by an expert after every year in the course of an acceptance test.

The operator has to make sure that safety-relating and machine-technical installations are to be inspected by a skilled person once a year.

The following points have to be considered during the inspection:

1. All screws used for installing the device or parts of the device have to be tightly connected and must not be corroded.
2. There may not be any deformations on housings, fixations and installation spots.
3. Mechanically moving parts like axles, eyes and others may not show any traces of wearing.
4. The electric power supply cables must not show any damages or material fatigue.

The IMG Stage Line WASH-5LED requires almost no maintenance. However, you should keep the unit clean. Otherwise, the fixture's light-output will be significantly reduced. Disconnect the mains power supply, and then wipe the cover with a damp cloth. Do not immerse in liquid. Wipe lens clean with glass cleaner and a soft cloth. Do not use alcohol or solvents.

The front lens will require weekly cleaning, as smoke-fluid tends to build up residues, reducing the light-output very quickly.

Please clean internal components once a year with a light brush and vacuum cleaner.

Keep connections clean. Disconnect electric power, and then wipe the DMX and audio connections with a damp cloth. Make sure connections are thoroughly dry before linking equipment or supplying electric power.