

# MAX L



## Multi-Function Moving Head suitable for every application



- FAST LINEAR ZOOM 1.7° - 60°
- AUTOFOCUS
- ROTATING AND FIXED
- GOBOS
- COLOR WHEEL (17 FILTERS)
- ANIMATION WHEEL
- SILENT OPERATION
- 110,000 LUX @ 5 M
- LIGHTWEIGHT: ONLY 19 KG

MAX L is a multi-purpose discharge moving head. Thanks to its specially developed high quality optical system, MAX L projects perfectly focused gobos in a wide zoom range.

MAX L is compact and lightweight, easy to install and suitable for the whole range of top applications. MAX L is equipped with a 330 W MSD PLATINUM LAMP delivering 16,000 Lumens and it is the perfect replacement for 575/700 MSR wi

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**LAMP** |  
MSD PLATINUM 16R 330 W (16,000 Lumens)  
Color temperature: 8,000°K typ.  
Type of connection: PINS  
2.8x 0.8 mm  
Remote lamp On-Off  
Average lamp life: 1,500 hrs

16-bit motorized linear focus  
Linear dimmer / shutter / strobe  
(0.85 flash/sec to 10 flash/sec)  
Frost filter

**COLOR GENERATION** |  
Color wheel (17 colors + white) with linear selection for perfect 2-color beams

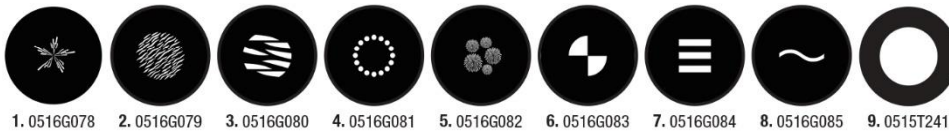
**DYNAMIC EFFECTS** |  
Overlapping wheels for multiple effects:  
Customizable rotating gobo wheel (9 gobos)  
Customizable fixed gobo wheel (10 gobos)  
4-facet rotating prism

**OPTICAL GROUP** |  
Improved optical group made with 11 coated lenses + dichroic glass reflector 110,000 Lux at 5 m  
16-bit motorized wide-excursion linear zoom  
Beam opening:  
1.7° (Beam projection)  
1.7° - 37° (Spot projection)  
10° - 60° (Wash projection)  
3° - 40° (Studio projection)

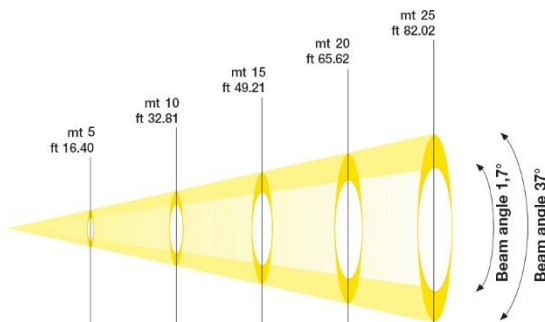
## COLOR WHEEL



## GOBO WHEEL 1



## GOBO WHEEL 2



## 'SPOT' PROJECTION

Lux center	110000	27500	12222	6875	4400	Beam angle 1,7
Foot candles	10223	2556	1136	639	409	
Diameter cm.	15	30	45	59	74	
Diameter ft.	0.49	0.97	1.46	1.95	2.43	
Lux center	1030	258	114	64	41	Beam angle 37°
Foot candles	96	24	11	6	4	
Diameter cm.	335	669	1004	1338	1673	
Diameter ft.	10.98	21.95	32.93	43.91	54.89	

**INTERFACE / CONTROL / PROGRAMMING** |  
LCD graphic display + 4 soft-keys (control / management of the main parameters)  
RDM  
Updatable internal operating system

**DMX** |  
24 DMX channels

**PAN & TILT** |  
Pan: 540°: 2.5 sec.;  
Tilt 270°: 1.5 sec. 16-bit resolution  
Selectable speed ranges  
Pan / Tilt lock  
Tri-phase stepper motor  
Technology for ultra-fast silent movements

**POWER SUPPLY** |  
Electronic ballast: 90-260 V 50 / 60 Hz  
Power consumption: 450 W with PFC  
Power saving mode (the lamp dims to 80% after shutter closure)

**CONNECTORS** |  
DMX: 4 XLR connectors (3-pole In and Out; 5-pole In and Out) by Neutrik;  
Power supply: PowerCon In/Out (re-launch) connectors by Neutrik

**PHYSICAL** |  
Weight: 19 Kg  
Dimensions: base 355x395 mm  
Overall 410x395x500 h mm

**INTERNAL SAFETY DEVICES** |  
Overvoltage circuit protection and overtemperature circuit protection

**INTERNATIONAL CERTIFICATIONS** |  
Safety: EN 60598-1: 1993  
EN 60598-2-17: 1989  
A1- A3: 1993  
EMC: EN 55015

**INCLUDED ITEMS** |  
1 x PowerCon male cable connector (cod. 0520P014)  
1 x XLR 5 Pins male cable connector (cod. 0508B028)  
1 x XLR 5 Pins female cable connector (cod. 0508B027)  
2 x Omega bracket (cod. 02K00549)

## DMX CHANNELS

- |                  |                     |
|------------------|---------------------|
| 1 PAN msb        | 14 GOBO INDEX FINE  |
| 2 PAN lsb        | 15 GOBO SHAKE       |
| 3 TILT msb       | 16 FIXED GOBO       |
| 4 TILT lsb       | 17 FIXED GOBO SHAKE |
| 5 SPEED MOVEMENT | 18 FROST            |
| 6 NOT USED       | 19 PRISM            |
| 7 DIMMER         | 20 PRISM ROTATION   |
| 8 SHUTTER        | 21 FOCUS            |
| 9 COLOR          | 22 FOCUS FINE       |
| 10 COLOR MODE    | 23 ZOOM             |
| 11 GOBO          | 24 RESET+LAMP       |
| 12 GOBO MODE     |                     |
| 13 GOBO ROTATION |                     |
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