

# MAX L



## Multi-Function Moving Head suitable for every application



**BEAM-SPOT AND WASH  
PROJECTIONS ALL-IN-ONE:  
2° - 37° ZOOM (BEAM-SPOT  
MODE) 10° - 60° ZOOM  
(WASH MODE)**

**AUTOFOCUS**

**ROTATING AND FIXED  
GOBOS**

**COLOR WHEEL (17 FILTERS)**

**ANIMATION WHEEL**

**SILENT OPERATION**

**100,000 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 with the newest technologies.

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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

## 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  
Zoom range: 2° - 37° (Beam-Spot mode)  
10° - 60° (Wash mode)  
16-bit motorized linear focus

## COLOR WHEEL



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

## 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 240°: 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 355x398 mm  
Overall 410x355x611 h mm

## INTERNAL SAFETY DEVICES

Overvoltage circuit protection  
and overtemperature circuit protection

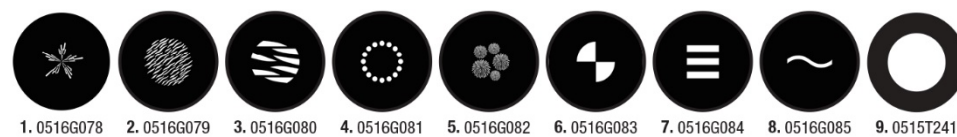
## INTERNATIONAL CERTIFICATIONS

Safety: EN 60598-1: 1993  
EN 60598-2-17: 1989  
A1- A3: 1993  
EMC: EN 55015

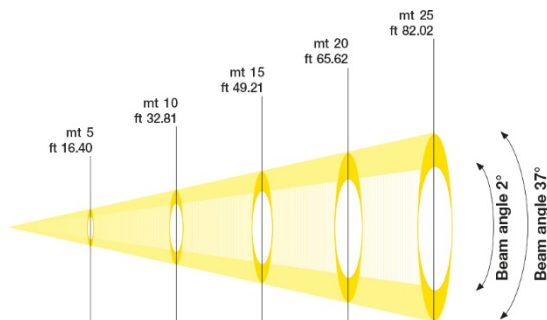
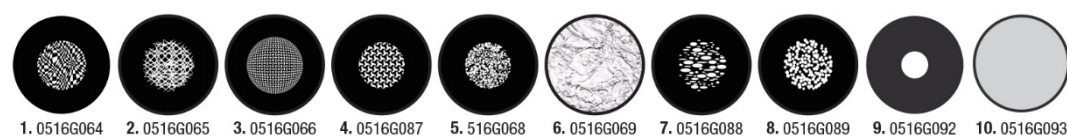
## INCLUDED ITEMS

1 x PowerCON female cable connector (code 0520P014)  
1 x XLR 5 Pins male cable connector (code 0508B148)  
1 x XLR 5 Pins female cable connector (code 0508B147)  
2 x Omega Bracket with "Fast Lock" connection 1/4 turn (code 02K00549)

## GOBO WHEEL 1



## GOBO WHEEL 2



## 'SPOT' PROJECTION

	mt 5 ft 16.40	mt 10 ft 32.81	mt 15 ft 49.21	mt 20 ft 65.62	mt 25 ft 82.02
Lux center	100000	25000	11111	6250	4000
Foot candles	9294	2323	1033	581	372
Diameter cm.	18	37	55	73	92
Diameter ft.	0.60	1.20	1.80	2.41	3.01

	mt 5 ft 16.40	mt 10 ft 32.81	mt 15 ft 49.21	mt 20 ft 65.62	mt 25 ft 82.02
Lux center	1030	258	114	64	41
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

## 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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