



The Lighting Company

# NICK NRG 801

## ISO 9001:2008

D.T.S. quality system  
is certified to the  
ISO 9001:2008 standard



D.T.S. products are designed  
and manufactured at the D.T.S.  
plants in Italy



### Overview

NICK NRG 801 is an high-efficiency compact LED moving head wash light which delivers a massive luminosity combined with an extremely light weight (only 9 Kg). NICK NRG 801 is equipped with 14 high-power Full-colour LEDs (RGBW) coupled with a new-generation optical group. NICK NRG 801 features 8° - 50° motorized zoom (from concentrated beams to large wall washes) - and ultra-fast silent Pan/Tilt. NICK NRG 801 is a truly "green" fixture; in fact, it features a remarkable balance between performance and power consumption, a mere 200 W. The NRG 801 is fitted: with the 'FPR' system.

The 'FPR' (D.T.S. patent) allows limitless pan rotation, in either direction, never having to reverse motion. NICK NRG 801 is suitable for a range of top professional applications, such as television, concerts, events, etc.

### LED Technology

\* 14 FULL COLOUR LEDs (RGBW)

### Optical group

\* 8° - 50° linear motorized zoom  
with high efficiency optical system  
\* Uniform projection on surfaces, from  
very wide Wash to PC Beam

### Colour generation

\* 16 million colours  
\* Wide palette of pure uniform whites with variable  
linear colour temperature (2700°K - 8000°K)

### Interface / Control / Programming

- \* Multi-function OLED graphic colour display + 4 soft keys: control / management / monitoring of the main parameters
- \* Controlled via DMX 512 and RDM standard digital communication protocols
- \* RDM
- \* Wireless ready
- \* Internal operating system updatable via D.T.S. RED BOX interface via "D.T.S. firmware upgrade utility" program on windows based PC

### DMX

20 DMX channels

### Pan & Tilt

'FPR' system (D.T.S. patent)  
Pan: limitless rotation, in both directions; 360° rotation in 0.73 sec.; Tilt 270°: 1.2 sec.

16-bit movement resolution  
4 Selectable speed ranges

### Power supply

\* Electronic full-range AC 90-260 V 50/60 Hz  
\* Power consumption: 200 W

### Connectors

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

### Operating ambient temperature

-10° / 40°

### Weight

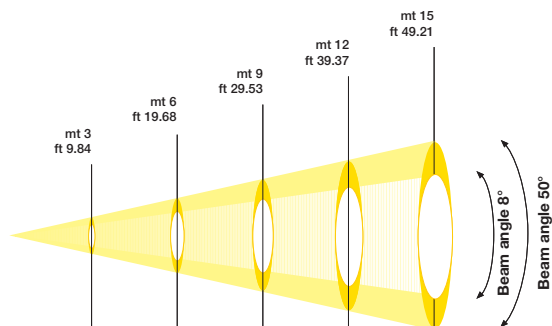
9 Kg

### International certifications

Certification CE; LED Class: Class 2 LED product

### 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)  
1 x "C" Clamp G QUICK (cod. 0521A014)



<b>Lux center</b>	15278	3819	1698	955	611	
<b>Foot candles</b>	1420	355	158	89	57	
<b>Diameter cm.</b>	42	84	126	168	210	<b>Beam angle 8°</b>
<b>Diameter ft.</b>	1.38	2.75	4.13	5.51	6.88	

<b>Lux center</b>	1028	257	114	64	41	
<b>Foot candles</b>	96	84	11	6	4	
<b>Diameter cm.</b>	280	560	839	1119	1399	<b>Beam angle 50°</b>
<b>Diameter ft.</b>	9.18	18.36	27.54	36.72	45.90	

**DMX channels**

- |                  |                        |
|------------------|------------------------|
| 1 PAN msb 540°   | 11 GREEN               |
| 2 PAN lsb        | 12 BLUE                |
| 3 TILT msb 270°  | 13 WHITE               |
| 4 TILT lsb       | 14 WHITE PREPROGRAMMED |
| 5 SPEED MOVEMENT | 15 CTC                 |
| 6 PAN FPR        | 16 MACRO               |
| 7 NO FUNCTION    | 17 FUNCTION            |
| 8 SHUTTER        | 18 ZOOM                |
| 9 DIMMER         | 19 NO FUNCTION         |
| 10 RED           | 20 RESET               |