



The Lighting Company

NICK NRG 501

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 501 is an high-efficiency LED moving head wash light which employs a new-generation optical group.

The remarkable brightness / consumption ratio makes NICK NRG 501 a truly "green" fixture. NICK NRG 501 is equipped with 7 high-power Full-colour LEDs (RGBW).

NICK NRG 501 features 3,5° - 52° motorized zoom (from very concentrated beams to large wall washes) - and ultra-fast silent Pan/Tilt.

The NRG 501 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 501 is suitable for top professional applications, such as television, tours and special events.

LED Technology

* 7 FULL COLOUR LEDs (RGBW)

Optical group

* 3,5° - 52° 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)

* 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 resolution

4 Selectable speed ranges

Power supply

* Electronic full-range AC 90-260 V 50/60 Hz

* Power consumption: 125 W

* 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

8,9 Kg

International certifications

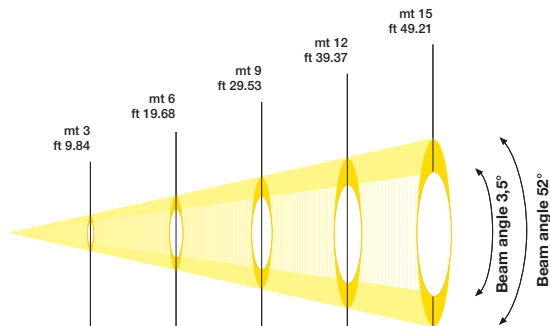
Certification CE; LED Class: Class 2 LED product

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)

Interface / Control / Programming

Connectors



	mt 3 ft 9.84	mt 6 ft 19.68	mt 9 ft 29.53	mt 12 ft 39.37	mt 15 ft 49.21	
Lux center	16806	4201	1867	1050	672	Beam angle 3,5°
Foot candles	1562	390	174	98	62	
Diameter cm.	18	36	53	71	89	
Diameter ft.	0,58	1,17	1,75	2.34	2.92	
Lux center	425	106	47	27	17	Beam angle 52°
Foot candles	39	10	4	2	2	
Diameter cm.	293	585	878	1171	1463	
Diameter ft.	9.60	19.20	28.80	38.40	48	

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 |