

# NICK NRG 501



## The most Versatile and Compact LED Beam Light



**REAL BEAM AND WASH PROJECTIONS**

**PERFECT RGBW COLOR MIXING**

**HIGH QUALITY OPTICAL SYSTEM**

**LINEAR ZOOM 3.5° - 52°**

**ADJUSTABLE COLOR TEMPERATURE 2700 - 8000 K**

**SILENT OPERATION**

**'FPR' - FREE PAN ROTATION SYSTEM (DTS PATENT)**

**6,050 LUX @ 5 M**

**LIGHTWEIGHT: ONLY 8,9 KG**

NICK NRG 501 is a powerful Beam/Wash LED projector; it employs a new-generation optical system featuring a 3.5° - 52° motorized zoom. NICK NRG 501 can be used either as a wash light thanks to its top-quality color mixing, or as a beam light thanks to its extra-narrow projection angle.

NICK NRG 501 is equipped with 7 high power OSTAR RGBW LEDs.



# NICK NRG 501



## LED TECHNOLOGY I

7 FULL COLOR LEDs (RGBW)

## OPTICAL GROUP I

3.5° - 52° linear motorized zoom  
with high- efficiency optical system  
Uniform projection on surfaces,  
from very wide Wash to PC Beam

## COLOR GENERATION I

16 million colors  
Wide palette of pure uniform  
whites with variable linear color  
temperature (2700°K - 8000°K)

## INTERFACE / CONTROL / PROGRAMMING I

Multi-function OLED graphic  
color display + 4 soft keys:  
control / management /  
monitoring of the main  
Parameters  
Controlled via DMX 512 and  
RDM standard digital  
communication protocols  
RDM, Internal operating system  
updatable via "DTS RED BOX  
interface via "DTS firmware  
upgrade utility" program on  
windows based PC

## DMX I

20 DMX channels

## PAN & TILT I

'FPR' system (DTS patent)  
Pan: limitless rotation, in both  
directions; 360° rotation in 0.73 sec.;  
Tilt 217°: 1.2 sec.  
16-bit resolution  
4 Selectable speed ranges

## POWER SUPPLY I

Electronic full-range AC 90-260 V  
50/60 Hz  
Power consumption: 125 W

## CONNECTORS I

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

## OPERATING AMBIENT TEMPERATURE I

-10° / 40°

## PHYSICAL I

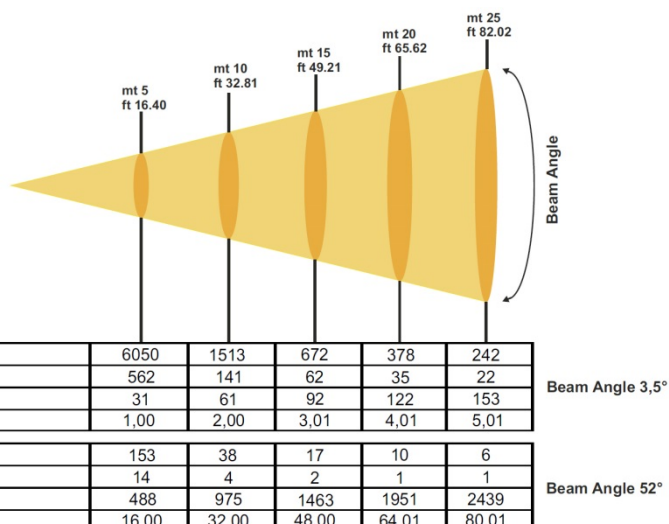
Weight: 8.9 Kg  
Dimensions: base 300x217 mm  
Overall 300 L x 217 W x 428 H mm

## INTERNATIONAL CERTIFICATIONS I

Certification CE;  
LED Class:  
Class 2 LED product

## INCLUDED ITEMS I

1 x PowerCon female cable  
connector (cod. 0520P014)  
1 x XLR 5 Pins female cable  
connector (cod. 0508B147)  
1 x XLR 5 Pins male cable  
connector (cod. 0508B148)  
1 x "C" Clamp G QUICK  
(cod. 0521A014)



## 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               |