



The Lighting Company

NICK NRG 1201

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 1201 is the most efficient LED moving head wash light ever produced and, thanks to its specifically developed optical group, fears no competition.

The exceptional brightness/consumption ratio makes NICK NRG 1201 a truly "green" fixture. NICK NRG's new-generation optical group is an exclusive D.T.S. feature.

NICK NRG 1201 is equipped with 30 high-power full-colour LEDs (RGBW).

NICK NRG 1201 features 8° - 50° motorized zoom with a high efficiency optical system - enabling it to be used as a PC Beam or a very wide Wash - and ultra-fast silent Pan/Tilt.

The NRG 1201 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 1201 is suitable for top professional applications, such as tours and special events. NICK NRG 1201 is also available as NICK NRG 1201 CT (30 Full White LEDs, 2700°K-6500°K).

LED Technology

* 30 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
* Wireless ready
* RDM
* 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 0.89 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:
90 V - 3,7 A - 340 W
120 V - 2,83 A - 340 W
230 V - 1,47 A - 340 W
260 V - 1,3 A - 340 W

Connectors

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

Operating ambient temperature

-10° / 40°

Weight

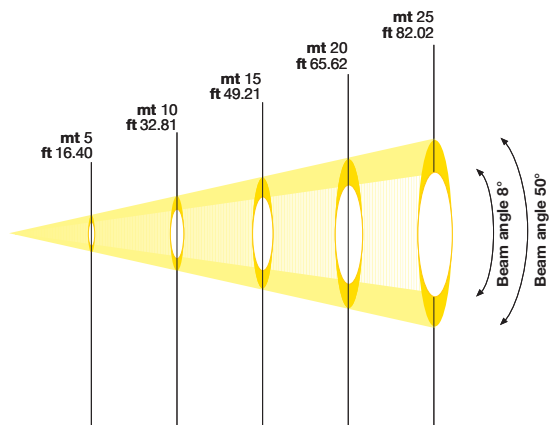
10,5 Kg

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)



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 |

| | | | | | | |
|---------------------|-------|------|------|------|-------|----------------------|
| Lux center | 10500 | 2625 | 1167 | 656 | 420 | Beam angle 8° |
| Foot candles | 976 | 244 | 108 | 61 | 39 | |
| Diameter cm. | 70 | 140 | 210 | 280 | 350 | |
| Diameter ft. | 2.29 | 4.59 | 6.88 | 9.18 | 11.47 | |

| | | | | | | |
|---------------------|-------|-------|-------|-------|-------|-----------------------|
| Lux center | 700 | 175 | 78 | 44 | 28 | Beam angle 50° |
| Foot candles | 65 | 16 | 7 | 4 | 3 | |
| Diameter cm. | 466 | 933 | 1399 | 1865 | 2332 | |
| Diameter ft. | 15.30 | 30.60 | 45.90 | 61.19 | 76.49 | |