Preliminary Datasheet

Laser Projector

NEC UM504HL

Benefits

Great picture quality – thanks to 1080p resolution and 10000:1 contrast.

Almost no shadow and glare – thanks to ultra-short throwing distance.

Black and White cabinet versions – matching installations demanded by Museum, Leisure, Signage and Higher Education applications

Specifications

Product Information

Product Name
NEC UM504HL

Product Group
Laser Projector

Order Code
60005472(WH), 60005470(BK)

Image

Projection Technology
1-chip DLP™ Technology

Native Resolution
1920 x 1080 (FULL-HD)

Aspect Ratio
16:9

Contrast Ratio
100000:1

Brightness
(TBD) Normal / (TBD) Lumen Eco; (TBD) Centre Lumen

Lens
F= (TBD), f= (TBD) mm

Keystone Correction
+/- 30° manual horizontal / +/- 30° manual vertical

Projection Angle [°]
(TBD)

Projection Factor
0.23 : 1

Projection Distance [m]
0.008 – 0.045

Screen Size (diagonal) [cm] / [inch]
Maximum: 381 / 150"; Minimum: 203 / 80"

Zoom
Digital Zoom

Focus Adjustment
Manual

Supported Resolutions

1024 x 768 (XGA);
1152 x 864 (XGA);
1152 x 870 (MAC 21");
1280 x 1024 (MAC 23");
1280 x 1024 (SXGA);
1280 x 720 (HDTV 720p);
1280 x 768 (WXGA);
1280 x 800 (WXGA);
1280 x 960 (SXGA);
1360 x 768 (WXGA);
1366 x 768 (WXGA);
1400 x 1050 (SXGA+);
1440 x 900 (WXGA+);
1600 x 1200 (UXGA);
1600 x 900 (WXGA++);
1680 x 1050 (WSXGA+);
1920 x 1080 (HDTV 1080i/60;
HDTV 1080i/50);
640 x 480 (VGA/ MAC 13");
720 x 480 SDTV 576p/576i;
720 x 576 SDTV 480p/480i;
800 x 600 (SVGA);
832 x 624 (MAC 16")

Frequency
Horizontal: 15–100 kHz (RGB: 24 kHz– 100 kHz); Vertical: 50 – 120 Hz

Connectivity

RGB (analog)
Input: 1 x Mini D-sub 15-pin, compatible to component (YPbPr)
Output: 1 x Mini D-sub 15 pin

Digital
Input: 2 x HDMI™ (Deep Color, Lip sync)

Video
Input: 1 x RCA

Audio
Input: 1 x 3.5 mm Stereo Mini Jack; 1 x RCA Stereo
Output: 1 x 3.5 mm Stereo Mini Jack (variable)

Control
Input: 1 x D-Sub 9 pin (RS-232) (male)

LAN
1 x RJ45

USB
1x Type A (USB 2.0 high speed) with 1.5A Power Supply

Video Signals
NTSC; NTSC 3.58; NTSC 4.43; PAL; PAL-M; PAL-N; PAL60; SECAM

Remote Control

Remote Control
Aspect Ratio; Audio Control; Auto Adjust; AV Mute; Digital Zoom; Direct Source Select; Freeze; Help Eco Mode; Help-function; ID set; Picture Adjust; Presentation and Mouse Control

Electrical

Power Supply
100-240 V AC; 50 - 60 Hz

Power Consumption [W]
(TBD) (Normal) / (TBD) (Eco) / (TBD) (Network Stand-by) / (TBD) (Stand-by)

Mechanical

Dimensions (W x H x D) [mm]
509 x 145 x 390 (without lens and feet)

Weight [kg]
(TBD)

Fan Noise [dB (A)]
34 / 37 (Eco / Normal)

Colour Versions
Black; White

Environmental Conditions

Operating Temperature [°C]
0 to 40

Operating Humidity [%]
20 to 80 non-condensing

Storage Temperature [°C]
-10 to 50

Storage Humidity [%]
20 to 80 non-condensing

Ergonomics

Safety and Ergonomics
CE; ErP; RoHS; TüV GS

Speakers [W]
1 x 10 (mono)

Additional Features

Special Characteristics
3D ready; AMX Beacon; Auto Eco Mode; Auto Power ON/OFF; Crestron RoomView; DICOM simulation; Direct Power-Off Function; High Altitude Mode; Kensington security slot; Keypad Lock; Magnify; Manual vertical Keystone Correction (V= ±5°); NaViSet Administrator 2; Off-Timer; Optional User Logo; OSD with 30 languages; Password Security System; PJ LINK; Quick On/Off; Remote control and administration via LAN and RS232; Security Bar; Test Pattern; Wall Colour Correction

Green Features

Ecological Materials
100% recyclable packaging; Downloadable manuals; ECO packaging

Ecological Standards
ErP compliant; RoHs compliant

Warranty

Projectors
3 years pan-European service

Shipping Content

Shipping Content
3x AAA Batteries; IR Remote Control (RD469E); Power Cord; Quick Setup Guide; Security Sticker

Optional Accessories

Optional Accessories
Manual Height Adjustable Wall Mount (TBD)

* This product has been equipped with a laser module and is classified as Class1 of IEC60825-1 Ed3 2014 and is classified as RG2 of IEC62471-5 Ed1 2015.
DO NOT LOOK DIRECTLY INTO THE BEAM.

RoHS TüV GS CE ErP

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