\Orchestrating a brighter world NEC

PH1000U

Professional Installation Projector

Datasheet





The PH1000U, a high end 3-Chip installation projector is ideal for installations that demand the highest levels of heavy duty usage and unique picture quality in highest resolution.

Five optional bayonet lenses and an integrated stacking/rigging frame make it ideal for Rental/Staging, Large Corporate, High Education, Conference Room, Museum and Signage.

Benefits

Display content that demands attention – with WUXGA resolution and superb brightness levels and colour ranges, your viewers will enjoy an outstanding visual experience.

Installation is easy, even in challenging venues – motorized Lens Shift with vertical and horizontal adjustment and Lens Memory makes setting up the perfect installation image easy.

Simple Connectivity – due to the vast number of connectors featured with this projector, including an innovative DisplayPort terminal and a host of networking, analog and digital connection terminals.

Time saving network control – for cost saving convenient maintenance and management of content and scheduling.

Cost Saving Device Management – save effort whilst administrating all connected NEC devices from a centralised location by using the NaViSet Administrator 2 software tool.

Product Information

Product Name	PH1000U
Product Group	Professional Installation Projector
Order Code	60003275

Image

Projection Technology	3-chip DLP™ Technology
Native Resolution	1920 x 1200 (WUXGA)
Contrast Ratio [1]	2000:1
Brightness [1]	11000 ANSI Lumen (approx. 75% in Eco Mode)
Lamp	2-Lamp System (2 x 400 W AC)
Lamp Life [hrs]	2000 (2500 Eco Mode)
Lens	6 optional bayonet lenses with lens memory
Projection Distance [m]	1.1 (NP25FL) - 74 (NP29ZL)
Screen Size (diagonal) [cm] / [inch]	Maximum: 1,270 / 500"; Minimum: 203 / 80"
Zoom	Motorized
Focus Adjustment	Motorized
Supported Resolutions	1920 x 1200; 1920 x 1080 (HDTV 1,080i/60, HDTV 1,080i/50); 1600 x 1200 (UXGA); 1400 x 1050 (SXGA); 1280 x 1024 (SXGA); 1280 x 720 (HDTV 720p); 1152 x 870 (Mac 21"); 1024 x 768 (XGA) compressed; 832 x 624 (Mac 16"); 800 x 600 (SVGA); 720 x 576 (DVD progressive); 720 x 480 (DVD progressive); 720 x 480 (SDTV 480p); 640 x 480 (VGA/Mac 13")
Frequency	Horizontal: 15–108 kHz (RGB: 24 kHz); Vertical: 48 – 120 Hz

Connectivity

RGB (analog)	Input: 1 x 5BNC, shared with Component Signal (YPbPr); 2 x Mini D-sub 15 pin Output: 1 x Mini D-sub 15 pin
Digital	Input: 1 x DisplayPort; 1x HDMI™ (V.1.3) supporting HDCP
Video	Input: 1 x RCA
S-Video	Input: 1 x Mini DIN 4-pin
Control	Input: 1 x D-Sub 9 pin (RS-232), Network
Option Slot	Input: 1 x Slot for optional STv2 or HD/SD-SDI Module
USB	2 x Type A (USB 2.0 high speed)
Video Signals	NTSC; NTSC 4.43; PAL; PAL-M; PAL-N; PAL60; SECAM

Remote Control

Input:	1 x 3.5 mm Stereo Mini Jack
Remote Control	Aspect Ratio; Auto Adjust; Eco Mode Control; Freeze-function; Full Lense control; Help-function; ID Select; Picture Adjust; Picture Mute; Power (On-OFF); Select (up, down, left, right); Shutter function; Source Select

Electrical

Power Supply	100-240 V AC; 50 - 60 Hz
Power Consumption [W]	0.5 Power Savings Mode; 1050 Normal Dual Lamp Mode; 490 Eco Single Lamp Mode; 580 Normal Single Lamp Mode; 60 Network Stand-By Mode; 840 Eco Dual Lamp Mode

Mechanical

Dimensions (W x H x D) [mm]	558 x 235 x 578 (without lens and feet)
Weight [kg]	39
Fan Noise [dB (A)]	41 Normal Single Lamp Mode; 41 Eco Single Lamp Mode

Ergonomics

Safety and Ergonomics	CE; ErP; RoHS; TüV GS

Additional Features

Special Characteristics	3D Stacking; AMX Beacon; Blanking; Crestron RoomView; DICOM Simulation; Digital 3D Reform™; Direct Power-Off Function; Edge Blending Function (03.2012); Free Tilt; Full Metal Cabinet; Geometric Correction; Help Function; Keystone Correction (H=±40°, V=±30°); LAN control; Lens Memory; Lens Shift (vertical -0.4 max/+0.55 max, horizontal ± 0.2 max.); Lens Shutter; Metal Cabinet; NaViSet Administrator 2; OPS module support; Optional User Logo; OSD with 27 languages; Outstanding Multimedia and Network Functions; Password Security System; PIP/Side by Side, HDMI - Input; PJ LINK; Plug&Play W-LAN Option; Powerpoint, Movie, PDF and USB Picture Viewer; RS-232 Control; Seamless Switching; SNMP; Stacking Function; Test Pattern; Windows 7 Network Projector

Green Features

Energy Efficiency	Complete shut-off switch; Intelligent Power Management
Ecological Standards	ErP compliant; RoHs compliant; WEEE

Warranty

Projectors	3 years pan-European service
Light Source	6 months, max. 1000 hrs

Shipping Content

Shipping Contents	IR Remote Control (RD - 455E); Projector; Quick Setup Guide; Stacking Holder; Users Manual on CD-ROM

Optional Accessories

Optional Accessories	5 optional bayonet lenses; Air Filter (NP03FT); Hardcase (100012934); HD/SD-SDI Module; Lamp (NP22LP); STv2 PC; Wireless LAN module (EU: NP06LM; MEA: NP02LM2; Russia: NP02LM3)
Lenses	NP25FL (0.67:1); NP26ZL (1.39-1.84:1); NP27ZL (1.87-2.56:1); NP28ZL (2.56-4.16:1); NP29ZL (4.16-6.96:1)

[1] Compliance with ISO21118-2012

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