Empowered by Innovation

NEC

NEC PH1000U

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.

DELIVERING GENUINE 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.

Free Download of Multi-Display Management Software - with NaViSet Administrator 2 you can manage all your connected display devices from a centralized location.

CRESTRON   NEC Factory Preset **DICOM** SIMULATION   PICTURE BY **DLP** A TEXAS INSTRUMENTS TECHNOLOGY   CERTIFIED **D**™   **NaViSet** Administrator 2

OUTSTANDING PERFORMANCE

- **Great picture quality** even in bright ambient light because of high projector brightness and excellent 10-Bit Hollywood Quality Video signal processing.

- **Best reliability and system stability** because of 2 lamp system and full metal cabinet.

- **Rich installation features** as motorized Lens Shift, Lens Memory, unique Geometric correction, Light Shutter, Stacking function, built -in Edge Blending function and much more.

- **Best connectivity** supporting nearly all signal sources, as HDMI and even DisplayPort. First projector world wide, which supports STv2 OPS based Slot-In modules for highest input flexibility as for example Single Board Computer or HDMI interface.

- **Latest network technology** enables not only many ways of projector control by network but also easy picture transfer.

- **Highest WUXGA resolution** and 10-Bit (1.07 billion colours) Hollywood Quality Video signal processing allows you to enjoy extremely detailed picture quality.

www.nec-display-solutions.com

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, Complete shut-off switch, RoHs compliant, ErP compliant, Intelligent Power Management, WEEE

Energy Efficiency   Complete shut-off switch; Intelligent Power Management

Ecological Standards   RoHs compliant; ErP compliant; WEEE

Technical Specification NEC PH1000U

IMAGE	
Display	3-Chip - (0.96") 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
Lens	5 optional bayonet lenses with lens memory
Projection Distance [m]	1.1 (NP25FL) - 74 (NP29ZL)
Screen Size (diagonal) [cm] / [inch]	Minimum: 203 / 80"; Maximum: 1,270 / 500"
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: 2 x Mini D-sub 15 pin; 1 x 5BNC, shared with Component Signal (YPbPr) 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
PC 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	PAL; PAL60; NTSC; SECAM; NTSC 4.43; PAL-N; PAL-M
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]	1050 Normal Dual Lamp Mode; 580 Normal Single Lamp Mode; 490 Eco Single Lamp Mode; 840 Eco Dual Lamp Mode; 60 Network Stand-By Mode; 0.5 Power Savings Mode
MECHANICAL	
Dimensions (W x H x D) [mm]	578 x 235 x 558 (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; TÜV GS; RoHS
WARRANTY	
Projectors	3 years pan-European service
Lamp	6 months, max. 1000 hrs
SHIPPING CONTENT	
Shipping Contents	Projector; IR Remote Control (RD - 455E); Stacking Holder; Users Manual on CD-ROM; Quick Setup Guide
OPTIONAL ACCESSORIES	
Optional Accessories	5 optional bayonet lenses; Air Filter (NP03FT); Hardcase (100012934); HD/SD-SDI Module; Lamp (NP22LP); STv2 PC; Wireless LAN module NP02LM2 (Europe), NP02LM3 (Russia)
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 ISO21118-2005

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