Preliminary Datasheet

Benefits

Minimized cost of ownership – due to long lamp life and filter exchange intervals.

Versatile and mobile – compact and light-weight with HDMI and integrated 16W speaker.

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

Cost effective replacement – of existing NEC M LCD model installations to achieve better imaging for lectures and presentations without wall-mount adjustment.

Future-proof input management – thanks to 4K@30 Hz input processing.

Wide array of flexible application scenarios – thanks to multi-source conferencing and efficient split-screen operation supported by a wide future-ready range of digital connectivity.

Product Information

Product Name	NEC ME403U
Product Group	Professional Business Projector
Order Code	60005221

Image

Projection Technology	3LCD Technology
Native Resolution	1920 x 1200 (WUXGA)
Aspect Ratio	16:10
Contrast Ratio [1]	16000:1
Brightness [1]	3700 ANSI Lumen
Brightness (Boost Mode)	4000 ANSI Lumen
Lamp	225 W AC (151 W AC Eco Mode)
Light Source Life [hrs]	10000 (20000 Eco Mode)
Lens	F= 1.5–2.08, f= 17.2–27.7 mm
Keystone correction	+/- 30° manual horizontal / +/- 30° automatic / manual vertical
Projection Angle [°]	6.9 - 11.1
Projection Factor	1.2 – 2 : 1
Projection Distance [m]	0.75 – 12.88
Screen Size (diagonal) [cm] / [inch]	Maximum: 762 / 300"; Minimum: 76 / 30"
Zoom	Manual; x1.6
Focus Adjustment	Manual
Supported Resolutions	3840x2160 @ 30hz digital; 1920x1200 (Maximum resolution of analog input)
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; Optional WLAN
USB	1 x Type B; 1x Type A (USB 2.0 high speed) with 1.0 Power Supply
Video Signals	NTSC; PAL; PAL60; SECAM

Remote Control

Remote Control	Aspect Ratio; Auto Adjust; AV Mute; Digital Zoom; Freeze; ID set; Optional Presentation and Mouse Control

Electrical

Power Supply	100-240 V AC; 50 - 60 Hz
Power Consumption [W]	295 (High Bright) / 207 (Eco) / 1.5 (Network Stand-by) / 0.5 (Stand-by)

Mechanical

Dimensions (W x H x D) [mm]	345 x 104.6 x 261 (without lens and feet)

Weight [kg]	3.5
Fan Noise [dB (A)]	29 / 37 (Eco / Normal)
Colour Versions	White

Environmental Conditions

Operating Temperature [°C]	5 to 40
Operating Humidity [%]	20 to 80
Storage Temperature [°C]	-10 to 50
Storage Humidity [%]	20 to 80

Ergonomics

Safety and Ergonomics	CE; EAC; ErP; RoHS; TUEV Type Approved; WEEE
Speakers [W]	1 x 16 (mono)

Additional Features

Special Characteristics	Auto Eco Mode; Auto Power ON/OFF; Carbon Savings Meter; Colour Management; Content Transmission via Network; Crestron RoomView; DICOM simulation; Direct Power-Off Function; High Altitude Mode; Kensington security slot; Keypad Lock; Lens Cover; Magnify; NaViSet Administrator 2; Off-Timer; Optional User Logo; Optional WLAN; OSD with 29 languages; Password Security System; Quick On/Off; RS-232 Control; Security Bar; USB Display; USB Viewer for JPEG; Virtual Remote for direct PC control; Wall Colour Correction

Green Features

Energy Efficiency	75 % AV mute function; Auto ECO Mode; ECO scheduler; Green one touch ECO and AV mute button; Intelligent Power Management; Longer Light Source Life; Software scheduling
Ecological Materials	100% recyclable packaging; Downloadable manuals; ECO packaging
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	2x AAA Batteries; IR Remote Control (RD-469E); Quick Setup Guide; Security Sticker; Users Manual on CD-ROM; Utility software

Optional Accessories

Optional Accessories	Lamp (NP47LP); MultiPresenter Stick; Universal Ceiling Mounts (Pj01UCM); Wireless LAN module NP05LM2 (Europe), NP05LM4 (Russia)

[1] Compliance with ISO21118-2012

TUEV Type Approved	CE	ErP	RoHS