Datasheet

Bringing exceptional long lamp life performance to the classroom and small meeting room, for classic presentation usage the new generation ME series delivers standard throw projection that's anything but standard. Keeping operational costs to a minimum with no lamp costs to factor in, users enjoy up to 20,000 hours of trouble-free projection and no lamp replacement efforts.

A large 1.6x optical zoom brings impressive integration flexibility making it easier to position the projector in the room, whilst existing ceiling mount locations can be utilised without the need to reposition.

For seamless hand-over between presenters, the projector provides advanced wireless capabilities with an embedded MultiPresenter function, allowing multiple users to connect and share content without having to switch cables.

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.

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 Normal / 3000 Eco ANSI Lumen; 4200 Centre 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	1920x1200 (Maximum resolution of analog input)
Frequency	Horizontal: 15–100 kHz (RGB: 24 kHz– 100 kHz); Vertical: 24 – 85 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 1.5 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 WLAN; OSD with 29 languages; Password Security System; Quick On/Off; RS-232 Control; Security Bar; USB Display; USB Viewer for JPEG; 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); Mini D-SUB Signal Cable (1.8 m); Quick Setup Guide; Security Sticker; Users Manual on CD-ROM; Utility software

Optional Accessories

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

[1] Compliance with ISO21118-2012

RoHS   TUEV Type Approved   CE   ErP