\Orchestrating a brighter world NEC

ME301X

Professional Desktop Projector

Datasheet

Great performance with low TCO.

Guaranteeing the perfect support for successful lectures and presentations, the compact multi-purpose ME301X projector delivers crisp images and natural colours to your classroom and meeting facility thanks to LCD technology and 3000 ANSI lumen brightness. Comprehensive connectivity and optional WiFi provide the utmost flexibility and time saving operation. The pre-installed MultiPresenter function enables simultaneous wireless presenting and sharing for up to 16 devices when the optional WiFi is chosen. Extended lamp and filter life are lowering both maintenance time and cost ensuring a smooth operation over 5 years*.

The ME301X is the perfect choice when considering replacing M Series XGA LCD projectors. With the same footprint, lens position and throw angle it has never been easier to bring the latest technology to your classroom or meeting facility saving both time and money with no maintenance. With its downward compatibility for lamps of the M LCD series, even your stock is a safe investment!

*at 8 hours operation a day, 200 days a year

Benefits

Large 1.7x optical zoom – for maximum flexibility.

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

Versatile and mobile – compact and light-weight with HDMI and integrated 20W speaker.

Display content that demands attention – with XGA 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.

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	ME301X
Product Group	Professional Desktop Projector
Order Code	60004230

Image

Projection Technology	3LCD Technology			
Native Resolution	1024 x 768 (XGA)			
Aspect Ratio	4:3			
Contrast Ratio [1]	12000:1			
Brightness [1]	3000 High Bright / 2400 Normal / 1800 Eco ANSI Lumen			
Lamp	214 W AC (140 W AC Eco Mode)			
Lamp Life [hrs]	9000 Eco / 5000 Normal / 4000 High Bright Mode			
Lens	F= 1.7–2.1, f= 17.5–29 mm			
Keystone correction	+/- 30° manual horizontal / +/- 30° manual vertical			
Projection Factor	1.3 – 2.2 : 1			
Projection Distance [m]	0.6 – 13.8			
Screen Size (diagonal) [cm] / [inch]	Maximum: 762 / 300"; Minimum: 76 / 30"			
Zoom	Manual			
Focus Adjustment	Manual			
Supported Resolutions	1920 x 1200 (WUXGA); 1920 x 1080 (HDTV 1080p/i); 1680 x 1050 (WSXGA+); 1600 x 1200 (UXGA); 1600 x 900 (WXGA++);	1440 x 900 (WXGA+); 1400 x 1050 (SXGA+); 1280 x 1024 (MAC 23"); 1280 x 1024 (SXGA); 1280 x 800 (WXGA); 1280 x 768 (WXGA);	1280 x 720 (HDTV 720p); 1152 x 870 (MAC 21"); 1024 x 768 (XGA); 1024 x 768 (MAC 19"); 832 x 624 (MAC 16"); 800 x 600 (SVGA);	720 x 576 (SDTV 480p/i); 720 x 480 (480p); 720 x 480 (SDTV 480i); 640 x 480 (VGA); 640 x 480 (MAC 13")
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: 2 x 3.5 mm Stereo Mini Jack; 2 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 A (USB 2.0 high speed); 1 x Type B
Video Signals	NTSC; PAL; PAL60; SECAM

Remote Control

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

Electrical

Power Supply	100-240 V AC; 50 - 60 Hz
Power Consumption [W]	230 (Normal) / 193 (Eco) / 2.3 (Network Stand-by) / 0.45 (Stand-by); 274 (High Bright)

Mechanical

Dimensions (W x H x D) [mm]	339 x 108.5 x 259 (without lens and feet)
Weight [kg]	2.9
Fan Noise [dB (A)]	29 / 35 (Eco / Normal)

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 20 (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; Keystone Correction (H=±30°, V=±30°); 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 lamp life; Reduced power consumption. Only 0.45W stand-by; 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	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	DisplayNote; Lamp (NP43LP, NP16LP); MultiPresenter Stick; Wireless LAN module NP05LM2 (Europe), NP05LM4 (Russia)

[1] Compliance with ISO21118-2012

TUEV Type Approved

CE

ErP

RoHS

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