

## ME301W

Professional Desktop Projector

## Datasheet



### Great performance with low TCO

Guaranteeing the perfect support for successful lectures and presentations, the compact multi-purpose ME301W 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 ME301W is the perfect choice when considering replacing M Series WXGA 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 WXGA 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  | ME301W                         |
| Product Group | Professional Desktop Projector |
| Order Code    | 60004229                       |

## Image

|                                      |  |
|--------------------------------------|--|
| Projection Technology                | 3LCD Technology  |
| Native Resolution                    | 1280 x 800 (WXGA)  |
| Aspect Ratio                         | 16:10  |
| Contrast Ratio <sup>1</sup>          | 6000:1   |
| Brightness <sup>1</sup>              | 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 Angle [°]                 | 10.7 - 11.4  |
| Projection Factor                    | 1.3 - 2.2 : 1  |
| Projection Distance [m]              | 0.7 - 14.6   |
| Screen Size (diagonal) [cm] / [inch] | Maximum: 762 / 300"; Minimum: 76 / 30"   |
| Zoom                                 | Manual   |
| Focus Adjustment                     | Manual   |
| Supported Resolutions                | 1920 x 1200 (WUXGA);<br>1920 x 1080 (HDTV 1080p/i);<br>1680 x 1050 (WSXGA+);<br>1600 x 1200 (UXGA);<br>1600 x 900 (WXGA++);<br>1440 x 900 (WXGA+);<br>1400 x 1050 (SXGA+);<br>1280 x 1024 (MAC 23");<br>1280 x 1024 (SXGA);<br>1280 x 800 (WXGA);<br>1280 x 768 (WXGA);<br>1280 x 720 (HDTV 720p);<br>1152 x 870 (MAC 21");<br>1024 x 768 (XGA);<br>1024 x 768 (MAC 19");<br>832 x 624 (MAC 16");<br>800 x 600 (SVGA);<br>720 x 576 (SDTV 480p/i);<br>720 x 480 (480p);<br>720 x 480 (SDTV 480i);<br>640 x 480 (VGA);<br>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)<br>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<br>Output: 1 x 3.5 mm Stereo Mini Jack      |
| 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 | EAC; ErP; RoHS; 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= $\pm 30^\circ$ , V= $\pm 30^\circ$ ); 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; Universal Ceiling Mounts (PJ01UCM); Wireless LAN module NP05LM2 (Europe), NP05LM4 (Russia) |
|----------------------|--|

<sup>1</sup> Compliance with ISO21118-2012



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