NEC DISPLAY SOLUTIONS

DURABLE AND FLEXIBLE PROJECTION

FEATURING M302WS I M332XS I M352WS I M322W I M362W I M402W I M402H

PRESENT WITH EASE

The new additions to the M Series range provide all the essential features that are needed to provide productive and engaging connections with your audience.

The projectors deliver remarkably bright images and feature wired and wireless (optional) networking, HDMI and USB inputs, high contrast, remote monitoring, maintenance-free design, and up to 8000 hours of lamp life.

Excellent ECO characteristics include ECO Mode™ technology, a carbon savings meter and energy-saving features such as quick startup, direct power off and Ambient Light Sensor.

The M Series offers the best solution for education and corporate applications.

Robust and filter free design (sealed engine)

Very low TCO (Long lamp life, lower power / higher light efficiency, low maintenance)

Great connectivity due to numerous analog and digital connection terminals

Intelligent ECO functions for lower running costs

Advanced multimedia and networking capabilities

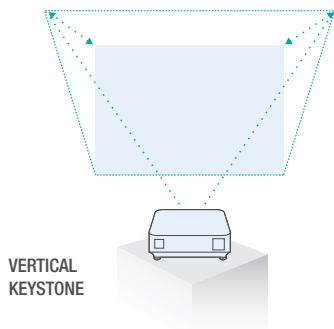Ideal for Education and Corporate

Endurance

The DLP light engine is completely sealed so that no dust can settle on the DLP chip, optical lenses, lamp or colour wheel. The filter free design with the shielded engine eliminates the hassle and time spent monitoring or changing filters. The 3 year warranty, which is standard, adds further peace of mind.
Special warranties are also available for Educational customers.

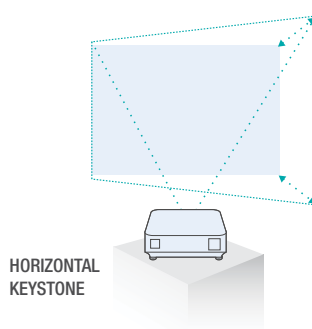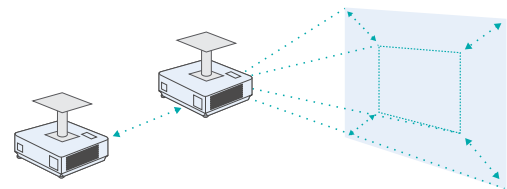For more information visit: **www.education-nec.com**

Flexible Mounting

A large 1.7 x optical zoom and horizontal and vertical keystone correction allow high flexibility in mounting the projector in every kind of position and space. It doesn't matter if it's a ceiling or table mount, thanks to the big zoom a new projector can be mounted on an existent ceiling mount.

VERTICAL KEYSTONE

HORIZONTAL KEYSTONE

LARGE ZOOM
(FLEXIBLE DISTANCE OR FLEXIBLE SCREEN SIZE)

Collaboration Ready

Increase engagement, collaboration, interaction and sharing in a working group. The interactive Multi-pen option* and DisplayNote software turn the projectors into the centerpiece of modern learning and meeting environments.

The optional Multi-pen Interactivity allows several people to work on the board simultaneously.

The auto-calibration facilitates the whole set-up. Easy and rapid rechargeable pens avoid the need for replacement batteries and make sure the interactive system is always ready to use.

For more information visit
www.displaynote-nec.com

* Only on Short Throw projectors

Intelligent Power Saving

Long lamp life hours and low power consumption due to efficient and innovative ECO features minimize further Total Cost of Ownership. The advanced ECO settings decrease the power consumption and prolong the lamp life to up to 8000 hours by controlling the lamp brightness.

The newly integrated Ambient Light Sensor also saves power by adjusting content automatically depending on the ambient environment. Bright content stays bright and dark content adjustment saves power.
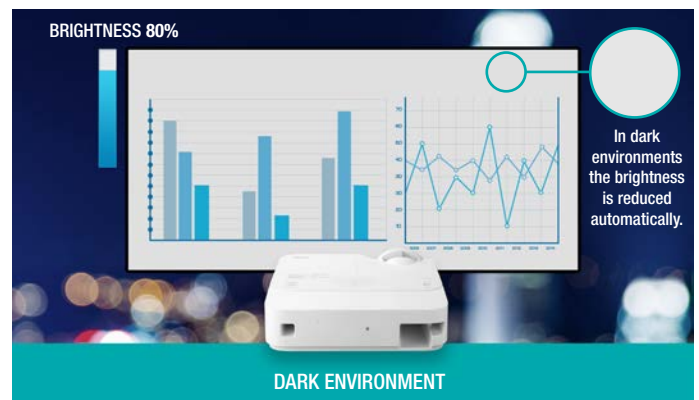
EASY TO ACCESS

AMBIENT LIGHT SENSOR

BRIGHTNESS **97%**

BRIGHT ENVIRONMENT

BRIGHTNESS **80%**

In dark environments the brightness is reduced automatically.

DARK ENVIRONMENT

Connectivity

WIRELESS IMAGE TRANSMISSION WITH NEC WIRELESS IMAGE UTILITY

WIU allows you to send images wirelessly from iOS devices such as iPad, iPhone, iPod touch and Android devices. It is a FREE Download from the iTunes Store or Google Play.

IMAGE EXPRESS UTILITY LITE

This software enables the transfer of a Windows or Mac high quality content to up to 4 projectors via a wired or wireless network.

REMOTE CONTROL/ MONITORING

The FREE NaViSet Administrator 2 software allows to better schedule maintenance, minimize downtimes and make sure the projectors are shut down when not needed.

USB VIEWER

Using the presentation conversion software included with the projector, by simply plugging a USB drive into the projectors's USB port, stored .jpg images can be displayed without a laptop.

NEC DISPLAY SOLUTIONS

DURABLE AND FLEXIBLE PROJECTION

FEATURING M302WS | M332XS | M352WS | M322W | M362W | M402W | M402H

	M302WS	M332XS	M352WS	M322W	M362W	M402W	M402H
Order Code	60003578	60003580	60003461	60003454	60003577	60003455	60003692
Display	1 x 1.65 cm (0.65") 2x LVDS DMD Chip	1 x 1.4 cm (55") 2x LVDS DMD Chip	1 x 1.65 cm (0.65") 2x LVDS DMD Chip	1 x 1.65 cm (0.65") 2 x LVDS DMD Chip	1 x 1.65 cm (0.65") 2 x LVDS DMD Chip	1 x 1.65 cm (0.65") 2 x LVDS DMD Chip	1 x 1.65 cm (0.65") 2 x LVDS DMD Chip
Aspect Ratio	16:10	4:3	16:10	16:10	16:10	16:10	16:9
Native Resolution	1,280 x 800 (WXGA)	1,024 x 768 (WXGA)	1,280 x 800 (WXGA)	1280 x 800 (WXGA)	1,280 x 800 (WXGA)	1,280 x 800 (WXGA)	1920 x 1080 (Full HD)
Brightness [ANSI Lumen]	3000	3300	3500	3200	3600	4000	4000
Contrast Ratio	10000:1	10000:1	10000:1	10000:1	10000:1	10000:1	10000:1
Projection Factor	0.45:1	0.56:1	0.45:1	1.2 – 2.04 : 1	1.2 – 2.04 : 1	1.2 – 2.04 : 1	1.2 – 2.1 : 1
Projection Distance [m]	0.56 – 1.48	0.68 – 1.76	0.56 – 1.48	0.76 – 13.53	0.76 – 13.53	0.76 – 13.53	0.74 – 14.08
Projection Angle [°]	40.7 - 40.9	40.7 - 40.9	40.7 - 40.9	10.5 - 17.6	10.5 - 17.6	10.5 - 17.6	9.9 - 17.9
Screen Size (min / max) [cm (inch)]	152.4 / 381 (60 / 150)	152.4 / 381 (60 / 150)	152.4 / 381 (60 / 150)	76.2 - 762 (30 - 300)	76.2 - 762 (30 - 300)	76.2 - 762 (30 - 300)	76.2 - 762 (30 - 300)
Zoom / Focus	Digital / Manual	Digital / Manual	Digital / Manual	Manual / Manual	Manual / Manual	Manual / Manual	Manual / Manual
Connectors	2 x HDMI, 1 x RGB In, 1 x Video, 1 x USB A, 1 x USB B, LAN, PC Control, 1 x RGB out, Audio: 2 In, 1 Out, Optional WLAN, 1x Microphone In, 1 x 3D Sync	2 x HDMI, 1 x RGB In, 1 x Video, 1 x USB A, 1 x USB B, LAN, PC Control, 1 x RGB out, Audio: 2 In, 1 Out, Optional WLAN, 1x Microphone In, 1 x 3D Sync	2 x HDMI, 1 x RGB In, 1 x Video, 1 x USB A, 1 x USB B, LAN, PC Control, 1 x RGB out, Audio: 2 In, 1 Out, Optional WLAN, 1x Microphone In, 1 x 3D Sync	2 x HDMI, 1 x RGB In, 1 x USB A, 1 x B, LAN, PC Control, 1 x RGB out, Video, Audio: 1 In, 1 Out, Optional WLAN	2 x HDMI, 1 x RGB In, 1 x USB A, 1 x USB B, LAN, PC Control, 1 x RGB out, Video, Audio: 2 In, 1 Out, Optional WLAN, 1x Microphone In, 1x 3D Sync	2 x HDMI, 1 x RGB In, 1 x USB A, 1 x USB B, LAN, PC Control, 1 x RGB out, Video, Audio: 2 In, 1 Out, Optional WLAN, 1x Microphone In, 1x 3D Sync	2 x HDMI, 1 x RGB In, 1 x USB A, 1 x USB B, LAN, PC Control, 1 x RGB out, Video, Audio: 2 In, 1 Out, Optional WLAN, 1x Microphone In, 1x 3D Sync
Power [W AC] Hi-Bright / Normal / ECO / Stand-By / Power-Saving	286 / 224 / 202 / 2.9 / 0.4	335 / 278 / 246 / 2.9 / 0.4	335 / 278 / 246 / 2.9 / 0.4	286 / 224 / 202 / 2.9 / 0.4	315 / 244 / 224 / 2.9 / 0.4	335 / 278 / 246 / 2.9 / 0.4	335 / 278 / 246 / 2.7 / 0.4
Lamp Life Normal / ECO [hrs.]	5500 / 8000	5000 / 8000	5000 / 8000	3500 / 8000	3500 / 8000	3500 / 8000	3500 / 8000
Dimensions (W x H x D) [mm]	368 x 97 x 286	368 x 97 x 286	368 x 97 x 286	367.9 x 97.5 x 285.9	367.9 x 97.5 x 285.9	367.9 x 97.5 x 285.9	367.9 x 107.5 x 291.3
Weight [kg]	3.6	3.7	3.6	3.48	3.6	3.6	3.48
Speakers (mono) [W]	1 x 20	1 x 20	1 x 20	1 x 20	1 x 20	1 x 20	1 x 20
Fan Noise [dB (A)] ECO / Normal / High Bright	30 / 30 / 38	33 / 33 / 39	33 / 33 / 39	30 / 30 / 38	33 / 33 / 37	30 / 30 / 38	33 / - / 39
Education Warranty Available	●	●	●	●	●	●	●

For additional accessories such as ceiling and wall mounts, lamps, DisplayNote and NaViSet, please visit:

www.nec-display-solutions.com

Document Name:	DURABLE AND FLEXIBLE PROJECTION
Document Revision:	Version 1
Document Date:	06/14

Empowered by Innovation

NEC