

# NEC UM352Wi (Multi-Pen)

Order Code: 60003954

NEC Professional Ultra-Short-Throw Projector



The UM352Wi is the all-in-one solution for classrooms and meeting rooms. Thanks to the integrated whiteboard and DisplayNote function the projector can be part of an entire interactive solution or be used stand-alone without connecting to a PC. The integrated wireless capability allows the connection and display of multiple devices simultaneously. In addition an embedded Miracast receiver additionally allows full mirroring with your Android and Windows 8.1 mobile device without installing any software. Reduced shadow and glare gives the presenter more space to engage with the audience and enhances the experience when using the integrated interactive multi-pen solution or optional multi-touch solution.

The UM352Wi (Multi-Pen) is particularly suited for classrooms and small to medium sized meeting rooms.

## BENEFITS

**Integrated interactivity** - Multi-Pen support and auto-calibration.

**Get Great Performance** - while not compromising on quality and ease of use.

**Less Shadow and Glare** - not standing in the light beam gives you more space to engage with your audience when presenting.

**Wireless image sharing** - thanks to powerful networking capabilities that allow multiple users to connect simultaneously, mirror an Android device with Miracast or simply share content using a web browser.



<b>IMAGE</b>	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>	3500 ANSI Lumen (approx. 75% in Normal, 60% in Eco Mode)
	Lamp	255 High Bright / 200 Normal / 160 Eco Mode
	Lamp Life [hrs]	6000 Eco / 5000 Normal / 3800 High Bright Mode
	Lens	F= 1.8, f= 4.78 mm
	Lens Offset [%]	81
	Keystone correction	+/- 10° manual horizontal / +/- 10° manual vertical
	Projection Angle [°]	49.2
	Projection Factor	0.36 : 1
	Projection Distance [m]	0.1 – 0.51
	Screen Size (diagonal) [cm] / [inch]	Maximum: 279 / 110"; Minimum: 147.3 / 58"
	Zoom	1.4 x Digital Zoom
	Focus Adjustment	Manual
	Supported Resolutions	1920 x 1200 (WUXGA); 1920 x 1080 (HDTV 1080i/60; HDTV 1080i/50); 1680 x 1050 (WSXGA+); 1600 x 1200 (UXGA); 1600 x 900 (WXGA++); 1440 x 900 (WXGA+); 1400 x 1050 (SXGA+); 1366 x 768 (WXGA); 1360 x 768 (WXGA); 1280 x 1024 (SXGA); 1280 x 1024 (MAC 23"); 1280 x 960 (SXGA); 1280 x 800 (WXGA); 1280 x 768 (WXGA); 1280 x 720 (HDTV 720p); 1152 x 870 (MAC 21"); 1152 x 864 (XGA); 1024 x 768 (XGA); 832 x 624 (MAC 16"); 800 x 600 (SVGA); 720 x 576 SDTV 480p/480i; 720 x 480 SDTV 576p/576i; 640 x 480 (VGA/MAC 13")
Frequency	Horizontal: 15–100 kHz (RGB: 24 kHz– 100 kHz); Vertical: 50 – 120 Hz	
<b>CONNECTIVITY</b>	RGB (analog)	Input: 1 x Mini D-sub 15-pin, compatible to component (YPbPr) Output: 1 x Mini D-sub 15 pin
	HDMI™	Input: 1 x HDMI™ (Deep Color, Lip sync); 1 x HDMI™ with MHL support
	Video	Input: 1 x RCA
	Audio	Input: 1 x 3.5 mm Stereo Mini Jack; 2 x RCA Stereo Output: 1 x 3.5 mm Stereo Mini Jack (variable)
	Microphone	Input: 1 x 3.5 mm Stereo Mini Jack (Dynamic mic)
	Control	Input: 1 x D-Sub 9 pin (RS-232) (male)
	LAN	1 x RJ45; Optional WLAN
	USB	1 x Type B; 2 x Type A (USB 2.0 high speed)
	Video Signals	NTSC; NTSC 3.58; NTSC 4.43; PAL; PAL-M; PAL-N; PAL60; SECAM
<b>REMOTE CONTROL</b>	Remote Control	Aspect Ratio; Audio Control; Auto Adjust; AV Mute; Digital Zoom; Direct Source Select; Freeze; Help Eco Mode; Help-function; ID set; Picture Adjust; Presentation and Mouse Control
<b>ELECTRICAL</b>	Power Supply	100-240 V AC; 50 - 60 Hz
	Power Consumption [W]	261 (Normal) / 216 (Eco) / 3 (Network Stand-by) / 0.5 (Stand-by); 326 (High Bright)
<b>MECHANICAL</b>	Dimensions (W x H x D) [mm]	378 x 112 x 428 (without lens and feet)
	Weight [kg]	5.8
	Fan Noise [dB (A)]	28 / 29 / 38 (ECO / Normal / High Bright)
<b>ENVIRONMENTAL CONDITIONS</b>	Operating Temperature [°C]	5 to 40
	Operating Humidity [%]	20 to 80 non-condensing
	Storage Temperature [°C]	-10 to 50
	Storage Humidity [%]	20 to 80 non-condensing
<b>ERGONOMICS</b>	Safety and Ergonomics	CE; Gost-R; RoHS; TÜV GS
	Speakers [W]	1 x 20 (mono)
<b>ADDITIONAL FEATURES</b>	Special Characteristics	AMX Beacon; 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; Including interactive module and pen; Kensington security slot; Keypad Lock; Magnify; NaViSet Administrator 2; Off-Timer; Optional User Logo; Optional WLAN; OSD with 29 languages; Password Security System; P.J LINK; Quick On/Off; Remote control and administration via LAN and RS232; Security Bar; Test Pattern; USB Display; USB Viewer for JPEG; Virtual Remote for direct PC control; Wall Colour Correction
<b>GREEN FEATURES</b>	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 0.4W stand-by; Software scheduling
	Ecological Materials	100% recyclable packaging; Downloadable manuals; ECO packaging
	Ecological Standards	ErP compliant; RoHS compliant
<b>WARRANTY</b>	Projectors	3 years pan-European service
	Light Source	6 months, max. 1000 hrs
<b>SHIPPING CONTENT</b>	Shipping Contents	2 Pens; IR Remote Control (RD-472E); Mini D-SUB Signal Cable; Power Cord (3 m); Quick Setup Guide; Security Sticker; USB cable A-B (5 m); Users Manual on CD-ROM; Wall-mount kit NP04WK
<b>OPTIONAL ACCESSORIES</b>	Optional Accessories	DisplayNote; Lamp (NP33LP); Manual Height Adjustable Wall Mount PJ03WHM; Mobile Motorized Wall Mount NP02HM; PJ03MHA; Motorized Height Adjustable Wall Mount PJ03WHM; Wireless LAN module (NP05LM2/4/5)

<sup>1</sup> Compliance with ISO21118-2005