



**SHARP / NEC**

# NEC M380hi, M430wi


Laser projectors ideal for the classroom



# Enjoy low total cost of ownership with lamp-free and filter-free DLP laser performance.

M Series laser projectors provide the essential features you need to simply and reliably connect with your audience.



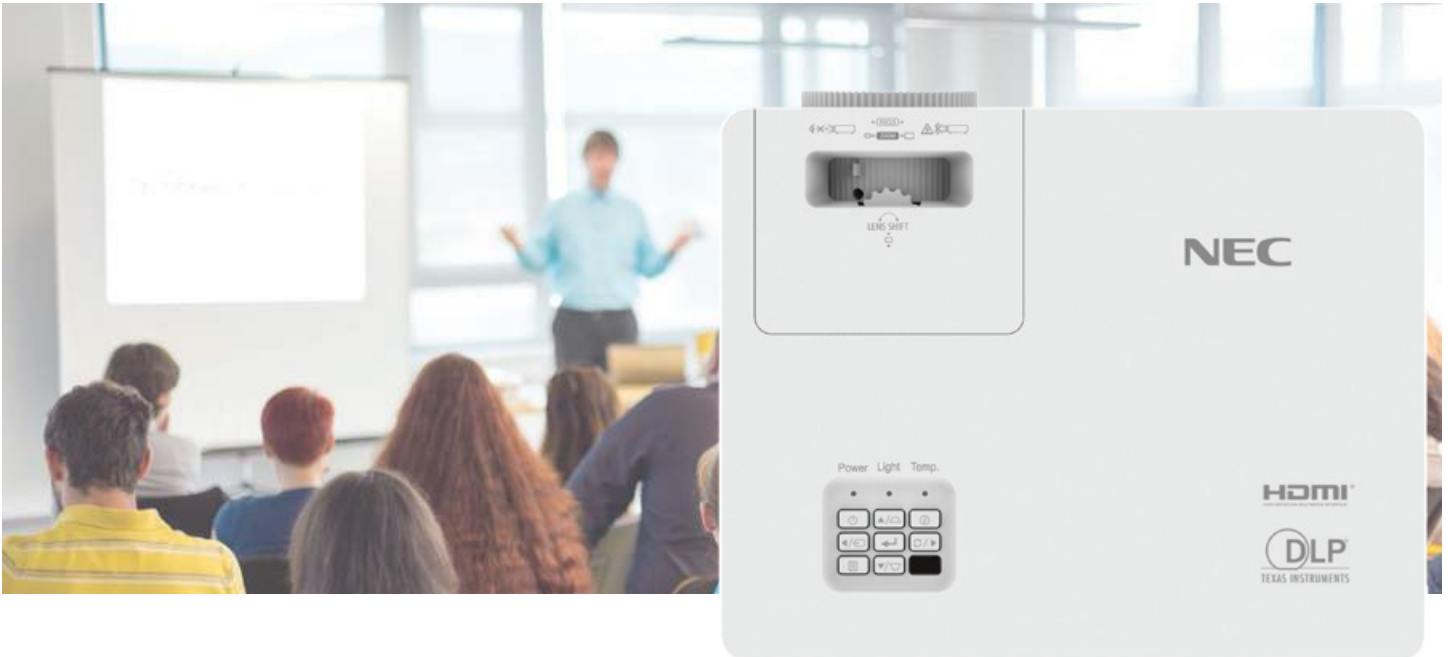
  
**LONG LASER LIFE**  
20,000 normal / 30,000 eco

## Essential Features for Educational Facilities

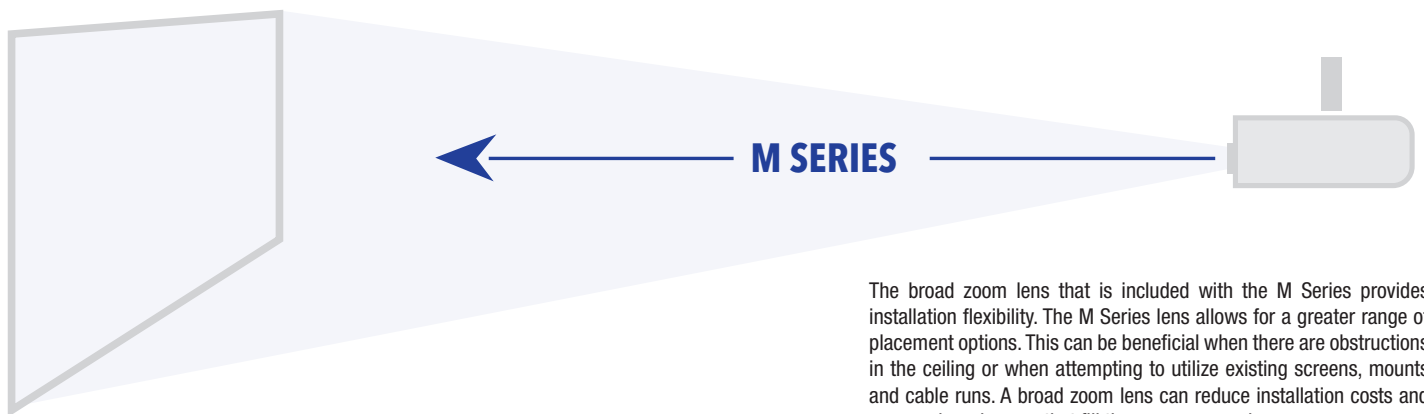
- Featuring WXGA and 1080p native resolutions and brightness up to 4300 lumens for easy-to-see images anywhere in the classroom
- Direct power on and quick power off help maximize presentation time
- Built-in 10-watt speaker provides volume needed for typical classrooms
- Plug-and-Play intuitive setup and operation
- Sufficient connections for multiple sources with dual HDMI inputs, computer and video
- Vertical lens shift and keystone correction ensures a square image even when the projector is set up at an imperfect angle to the screen

## Low Maintenance Environmental Design

- Exceptional laser life with ECO Mode™ technology increases operation up to 30,000 hours, while lowering power consumption
- Power management enables projector to automatically turn off when an incoming signal is not detected from any of the inputs
- Auto Power On when a signal is detected from a computer
- Quick start (3 to 4 seconds) lets you begin presenting in seconds
- Low power consumption (0.5W in stand-by mode) minimizes energy costs



## Flexible Installation

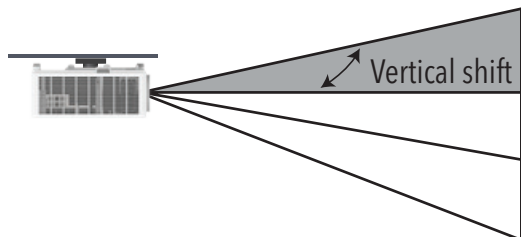


The broad zoom lens that is included with the M Series provides installation flexibility. The M Series lens allows for a greater range of placement options. This can be beneficial when there are obstructions in the ceiling or when attempting to utilize existing screens, mounts and cable runs. A broad zoom lens can reduce installation costs and ensure sharp images that fill the screen properly.

## Advanced Installation Features

### Lens Shift

Lens shift provides greater flexibility when determining install location



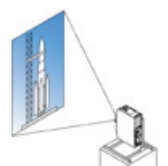
### Tilt-free

The projector can be rotated freely (360°) to orient the image depending on the installation requirements



### Portrait mode

Allows the projector to be rotated (and screen if necessary) to a vertical alignment so that portrait content can be viewed without black bars on the side when landscape mode is used.



		NP-M430WL	NP-M380HL
Display Technology		0.65" DLP	
Light Output (lumens)	ECO mode OFF	4300	3800
	ECO mode	Approximately 85%	
Resolution	Native	WXGA 1280 x 800	1080p 1920 x 1080
	Maximum	HDMI1 (3840x2160@60Hz), HDMI2 (3840x2160@30Hz), Analog (1920x1080@60Hz)	
Contrast Ratio (up to)		2,000:1	1,800:1
Light Source (laser)	ECO mode OFF	74W	
	ECO mode	63W	
Light Source Life (50%)*	ECO mode OFF	20,000 hours	
	ECO mode	30,000 hours	
Screen Size (diagonal)		30 - 300 in. / 0.76 - 7.62m	
Projection Distance		3 - 50 ft. / 0.9 - 15.2 m	
Projection Angle		7.7 - 9.8° tele / 12.1 - 15.4° wide (at 60°)	
Lens	Zoom	Manual	
	Zoom Ratio	1.6x	
	Throw Ratio	1.5 - 2.35:1	1.4 - 2.24:1
	Focus	Manual	
	Shift	Manual (H = 0 / V = 0%~+15%)	
	F-number, focal length	F:2.5-3.26 f=20.911-32.62mm	
Keystone Correction		Horizontal (manual), Vertical (manual)	
Synchronization Range	Horizontal	15KHz, 24-100kHz (RGB: 24kHz or over)	
	Vertical	48-100, 120Hz	
SD/HD Video Signal Compatibility		480i, 480p, 576i, 576p, 720p, 1080i, 1080p, 4K UHD	
PC Signal Compatibility		VGA, SVGA, XGA, SXGA, WUXGA	
Macintosh Compatibility		Yes	
Input Terminals	RGB1 (analog)	VGA 15-pin D-sub	
	RGB2 (digital)	HDMI w/ HDCP (v2.2/1.4)	
	RGB3 (digital)	HDMI w/ HDCP (v2.2/1.4)	
	Video	RCA	
	Audio1	Stereo Mini Jack	
Output Terminals	Audio Out	Stereo Mini Jack	
USB	Type A	Power, (1.5A)	
	Type B	Service	
External Control		RS-232 (D-Sub 9pin), IR	
Built-in Speaker		10W	
Power Requirements		100-240V AC, 50/60 Hz	
Input Current		3A	
Power Consumption	ECO mode OFF	240W	
	ECO mode	180W	
	Standby (normal)	0.5W or less	
Installation Orientation		Floor/Front, Floor/Rear, Ceiling/Front, Ceiling/Rear	
Product Dimensions (WxHxD)		13.3 x 4.7 x 10.4 in. (337 x 119.3 x 265 mm)	
Net Weight		9.7 lbs. (4.4 kg)	
Shipping Dimensions (WxHxD)		19.5 x 15.2 x 7.7 in. (496 x 387 x 195 mm)	
Gross Weight		14.1 lbs. (6.4 kg)	
Fan Noise		34dB (ECO mode Off), 31dB (ECO mode)	
Regulations		USA: UL (UL60825-1/UL62471-5) FCC Part15 Class B, Canada: CAN/CSA (62368-1-14) ICES-003 Issue 7	
Operating Temperature		41-104°F / 5-40°C	
Storage		14-140°F / -10-60°C	
Humidity		20 to 85% Humidity (Non-Condensing)	

\*Not the warranty period. Repair/replacement may be required sooner. - Additional accessories are available, including screens, carts, mount accessories and replacement cables. Visit [www.sharppnecdisplays.us](http://www.sharppnecdisplays.us) for details.

### Unique Features

**Direct Power On and Quick Power Off** improve efficiency and auto power on/off options can lower power consumption

**Vertical Lens Shift** helps installers square the image when obstructions prevent placement in the ideal location

**Tilt Free and Portrait Capability** allows reliable projection in non-typical applications

### Warranty

Registered owners receive a five (5) years or 20,000 hours (whichever comes first) parts and labor warranty including InstaCare next business day exchange.

### Ships With

Remote control, batteries, power cord, RGB signal cable, user's manual on CD-ROM, quick start guide, and product registration card

### Ordering Model Numbers

**NP-M430WL      NP-M380HL**

### Accessories

RMT-PJ36	Replacement Remote Control
NP01UCM	Universal ceiling mount
NP402CASE	Soft Sided Carry Case
PWRCRD-V170	Power Cord

M Series

