SHARP

Sharp M Series
Laser projectors ideal for the classroom

M421W/M401H

laser
light source

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.

Essential Features for Educational Facilities

- Featuring WXGA and 1080p native resolutions and brightness up to 4200 lumens for easy-to-see images anywhere in the classroom
- Direct power on and quick power off help maximize presentation time
- Built-in 8-watt speaker provides volume needed for typical classrooms
- Plug and play intuitive setup and operation
- Sufficient connections for multiple sources with dual HDMI inputs

Low Maintenance Environmental Design

- Exceptional laser life with ECO Mode™ technology increases operation up to 20,000 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

		XP-M421W-W	XP-M401H-W
Display Technology		0.65" DMD	
Light Output (lumens)	High Bright	4,200	4,000
	ECO mode	3300	3100
Resolution	Native	WXGA	1080p
	Maximum	Up to WUXGA (1920x1200) @ 60Hz via HDMI	
Aspect Ratio		16:10 (Supports 4:3, 16:9)	16:9 (Supports 4:3, 16:10)
Contrast Ratio (up to)		50,000:1	
Laser Life (up to)	High Bright	14,000 hours	
	ECO mode	20,000 hours	
Screen Size (diagonal)		Mechanical Range: 30-300 in. / 0.76-7.62m ; Performance Guarantee Range: 40-120 in. / 1.02-3.05m	
Projection Distance		Mechanical Range: 3.3-26.2 ft. / 1-8m ; Performance Guarantee Range: 4.3-9.8 ft. / 1.3-3m	
Lens	Zoom	Manual	
	Zoom Ratio	1.3x	
	Throw Ratio	1.19 - 1.54:1	1.16 - 1.47:1
	Focus	Manual	
	F-number, focal length	F:2.43~2.78 /f=16.90~21.61mm	F:2.45~2.78 /f=17.31~21.61mm
Keystone Correction		Manual (+/- 30° H/V (auto vertical))	
Synchronization Range	Horizontal	15-140kHz	
	Vertical	24-120Hz	
SD/HD Video Signal Compatibility		480i, 480p, 576i, 576p, 720p, 1080i, 1080p	
PC Signal Compatibility		VGA, SVGA, XGA, WXGA, SXGA, WUXGA	
Macintosh Compatibility		Yes	
Input Terminals	RGB1 (digital)	HDMI (v1.4b) w/ HDCP (v1.4)	
	RGB2 (digital)	HDMI (v1.4b) w/ HDCP (v1.4)	HDMI (v2.0) w/ HDCP (v2.2)
Output Terminals	Audio Out	Stereo Mini Jack	
USB	Type A	Service, Power (1.5A)	
External Control		RS-232 (D-Sub 9pin), IR	
Built-in Speaker		8W	
Power Requirements		100-240V AC, 50/60 Hz	
Input Current		3.5A (external power adapter)	
Power Consumption	High Bright	195W	
	ECO mode	150W	
	Standby	0.5W	
Installation Orientation		Floor/Front, Floor/Rear, Ceiling/Front, Ceiling/Rear	
Product Dimensions (WxHxD)		10.9 x 4.5 x 8.5 in. (278 x 115.5 x 216 mm)	
Net Weight		6.6 lbs. (3.0 kg)	
Shipping Dimensions (WxHxD)		15.8 x 11.0 x 6.1 in. (400 x 280 x 155 mm)	
Gross Weight		10.2 lbs. (4.6 kg)	
Fan Noise		36dB (High Bright), 26dB (ECO mode)	
Regulations		USA: cTUV (UL62368-1 3rd ed.) FCC Part15 Class B, Canada: CAN/CSA (62368-1:19 3rd ed.) ICES-003 Issue 7	
Operating Temperature		"32-104°F / 0-40°C up to 2,500' 32-95°F / 0-35°C 2,500' to 5,000' 32-86°F / 0-30°C 5,000' to 10,000'"	
Storage		14-122°F / -10-50°C	
Humidity		20 to 80% Humidity (Non-Condensing)	
UPC		074000703544	074000703537

UNIQUE FEATURES

Direct power on and quick power off improve efficiency and auto power on/off options can lower power consumption

Maintenance free, filter free, DLP laser projector designed for reliable long-term operation

Compact design provides a portable solution that can be easily carried from place to place.

WARRANTY

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

SHIPS WITH

Remote control, batteries, power cord, HDMI cable, quick start guide, and lens cap

ORDERING MODEL NUMBERS

XP-M401H-W
XP-M421W-W

ACCESSORIES

PRG-UNV   Universal ceiling mount
NP402CASE   Soft Sided Carry Case

InstaCare