

SONY®



VPL-MX25 VPL-MX20

Premium Mobile Projectors

www.sony.com/projectors

BrightEra™

Long Lasting Optics





Slim, Lightweight, Stylish, and Robust – VPL-MX25 and VPL-MX20 Data Projectors are the Perfect Choice for Mobile Applications

Sony's VPL-MX25 and VPL-MX20 premium mobile projectors are extremely slim, lightweight, stylish, and robust – perfect for applications that require portability.

These projectors offer a high brightness of 2500 lumens and excellent picture quality in XGA (1024 x 768) resolution.

Their stylish body, which adopts magnesium alloy for the chassis, has been designed with round edges for easy carrying – plus, it boasts a thin form factor of approximately 1 ¹³/₁₆ inches and a light weight of approximately 3 lb 12 oz.

The VPL-MX25 offers a variety of wireless network functions and enables “PC-less” operation using a USB memory device – making presentations smarter than ever before.

Both the VPL-MX25 and VPL-MX20 are powerful presentation tools for business people on the move.

VPL-MX25 and VPL-MX20 Common Features

Slim, Lightweight, Stylish, and Robust Design

The VPL-MX25 and VPL-MX20 each have a slim and lightweight body design – comprising a thin form factor of approximately 1 ¹³/₁₆ inches and a light weight of approximately 3 lb 12 oz. They are designed with round edges for easy carrying. The VPL-MX25 and VPL-MX20 are stylish and elegant, complementing the sophisticated design of today's laptop PCs – particularly Sony's VAIO® lineup – making presentations smarter than ever before.

By adopting magnesium alloy for their chassis, the VPL-MX25 and VPL-MX20 are robust. This durable design helps protect these projectors' precision optical components from accidental impact and vibration.

High Picture Quality and Bright Images

By combining a new generation optical system that uses Sony's BrightEra™ with Long Lasting Optics technology* and a 3LCD projection system, the VPL-MX25 and VPL-MX20 offer high picture quality in XGA (1024 x 768) resolution and a high brightness of 2500 lumens.

* BrightEra with Long Lasting Optics is the brand name for a new generation of optical system, which is a more advanced version of Sony's original BrightEra technology. In addition to the adoption of LCD panels that have pixels with large aperture ratios and inorganic alignment layers, BrightEra with Long Lasting Optics technology also uses an inorganic layer for polarization plates to greatly enhance reliability.

3LCD Projection Offers Amazing Color Performance

The VPL-MX25 and VPL-MX20 adopt the 3LCD projection system that uses three LCD panels. This system allows these projectors to present bright and natural images. It provides high light transmission and excellent color reproduction with high color light output*.

It also provides smooth gradients in dark areas, and even helps prevent color breakup or the rainbow effect**.

* Color light output is a metric that measures a projector's ability to deliver color. Developed by color scientists using the same approach as light output (brightness) measurement, color light output provides a simple, accurate, and easy-to-understand way to evaluate a projector's color performance.

** The rainbow effect may appear as blurring or the separation of colors. It can only be seen in images projected by 1-chip sequential color projection systems.

Advanced Intelligent Auto Setup

When power is turned on, the VPL-MX25 and VPL-MX20 automatically initiate the following sophisticated setup functions, making these projectors easy to operate, even for first-time users:

- Power-operated tilt adjuster, which sets the projector to the right level
- Built-in Auto Focus module, which focuses the projected image
- Auto Vertical Keystone Adjustment, which corrects the vertical keystone distortion of the projected image
- Auto Input Search, which automatically finds the input signal
- Smart APA (Auto Pixel Alignment), which sizes and adjusts the projected image for optimum picture performance



Off & Go

Once a presentation is complete, the VPL-MX25 and VPL-MX20 can be moved immediately to the next location, simply by turning these projectors off and unplugging the AC power cord – there's no need to wait for the fan to stop.

Short Projection Distance

The VPL-MX25 and VPL-MX20 come equipped with a short focal-length lens, which makes it possible to project images over a short distance. For example, an 80-inch* image can be projected from a distance of approximately 7.9 feet.

* Viewable area, measured diagonally.

Input Flexibility

The VPL-MX25 and VPL-MX20 can accept a wide variety of signals from both PC (VGA up to SXGA+) and video including composite and analog RGB/component.

Power Zoom/Focus and Tilt Adjust

The Zoom/Focus and Tilt Adjust functions of the VPL-MX25 and VPL-MX20 can be controlled from each projector's control panel and the supplied Remote Commander® unit.



VPL-MX25 Dedicated Features

A Variety of Wireless Network Functions

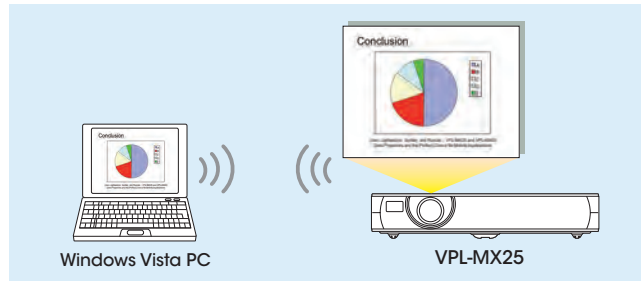
When the VPL-MX25 is installed on a wireless LAN*, its versatile network functions are available to any PC on that network – no need to install any additional network software on the PC.

* The VPL-MX25 supports wireless networks only.

Windows Vista Network Projector

With a PC running the Microsoft Windows Vista® operating system*, the operator can easily make a wireless network presentation with the VPL-MX25. By selecting the network projector application on the PC's Windows Vista menu, the operator can simply and instantly project the PC's screen display.

* Operating systems which can support the Windows Vista network projector function include Windows Vista Home Premium, Windows Vista Business, and Windows Vista Ultimate.

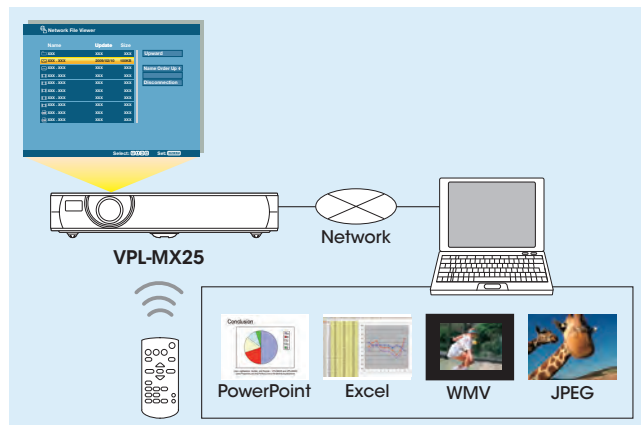


Network File Viewing*

When the VPL-MX25 is connected online, operators can easily access any data files stored on a networked PC, and can project those files – as displayed on the PC screen – even if the PC is in a different location, far away from the presentation room. These files can be selected and projected by the VPL-MX25 simply by manipulating the projector's Remote Commander unit – no need to convert them in advance to other file formats, such as a JPEG format. Supported files include Microsoft PowerPoint®**, Excel®**, and Windows Media® video (WMV) and JPEG.

* Operating systems which can support the network file viewing function include Windows® 2000 Professional, Windows XP Home, Windows XP Professional, Windows Vista Home Premium, Windows Vista Ultimate, and Windows Vista Business.

** The VPL-MX25 may not fully support all the functions of these applications. Fonts, graphics, and animation effects may not be reproduced correctly. Transmission delays may occur when slides are turned over. These delays may occur when a slide contains a very large photo or a number of graphics, alternatively when a number of photos or graphics are used for the slide design. For details, please contact your nearest Sony office or authorized dealer.



Files Available for Network File Viewing

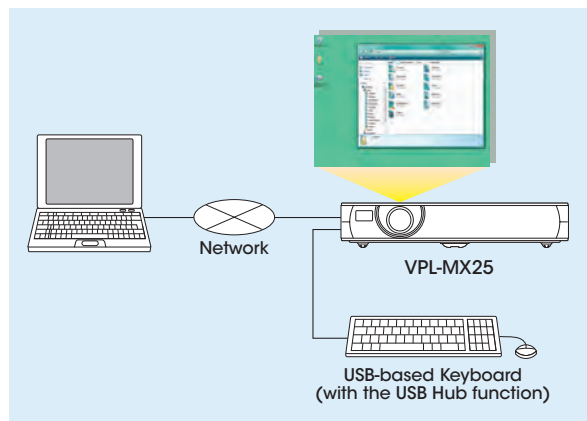
PowerPoint /Excel	
Software Version	Microsoft Office 97/2000/XP/2003
JPEG Image	
Resolution	Up to 1600 x 1200 pixels
Windows Media Video	
Resolution	Up to 720 x 576 pixels (or 720 x 480 pixels)
Video bit rate (recommended)	Up to 800 kbps (CBR)
Frame rate (recommended)	Up to 15 fps
Audio bit rate (recommended)	Up to 64 kbps (CBR)
Audio Sampling rate (recommended)	44.1 kHz (stereo)

Remote Desktop*

When the VPL-MX25 is connected online, operators can use the remote desktop function, which is supported by major operating systems**. By manipulating a keyboard and a mouse connected to the projector, operators can remotely control a PC via a network.

* To use the remote desktop function, a USB-based keyboard and a mouse must be connected to the projector through a USB-based hub.

** Operating systems which can support the remote desktop function include Windows XP Professional, Windows Vista Ultimate, and Windows Vista Business.



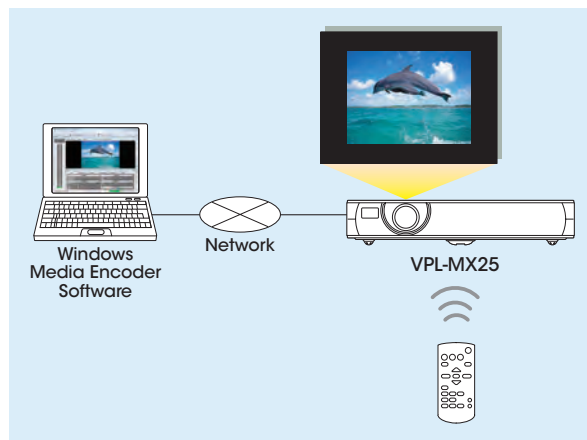
Streaming Video Client Function

The VPL-MX25 provides a streaming video client function. By installing Windows Media Encoder software*, the operator can use any PC as the streaming video server.

This enables the VPL-MX25 to project streaming video supplied by the PC**, simply by manipulating the Remote Commander unit.

* Windows Media Encoder software is available from the Microsoft Download Center.

** The VPL-MX25 only accepts streaming video from PCs installed with Windows Media Encoder.



Remote Maintenance

Projector settings such as power ON/OFF can be controlled from a PC via a network. Projector status, such as the projector lamp's hours of usage, can also be monitored from the PC via the network.

Status information and error reports can be sent to designated recipients as an automatic e-mail notification for proactive maintenance action.

"PC-less" Presentation Using a USB Memory Device

By attaching a USB memory device*, such as the Sony Micro Vault® Series, to the VPL-MX25 USB connector, the operator can directly project data files stored on the USB memory device – no need to convert them in advance to other file formats, such as a JPEG format.

This is a very smart and convenient feature, as road warriors no longer need to carry a PC to their presentations.

Supported file formats for this function include Microsoft PowerPoint**, Excel**, WMV and JPEG.

* For available models, please contact your nearest Sony office or authorized dealer.

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Files Available for USB File Viewing

PowerPoint / Excel	
Software Version	Microsoft Office 97/2000/XP/2003
JPEG Image	
Resolution	Up to 1600 × 1200 pixels
Windows Media Video	
Resolution	Up to 720 × 576 pixels (or 720 × 480 pixels)
Video bit rate (recommended)	Up to 800 kbps (CBR)
Frame rate (recommended)	Up to 15 fps
Audio bit rate (recommended)	Up to 64 kbps (CBR)
Audio Sampling rate (recommended)	44.1 kHz (stereo)

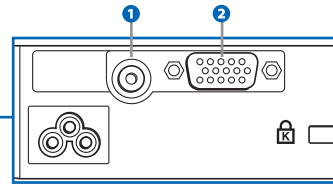


Other Features

- Vertical Keystone Adjustment (Auto/Manual)
- Auto Focus
- Auto Input Search
- Picture Muting (Image Muting)
- Image Freeze
- Digital Zoom (4x)
- Power-saving Mode
- High Security
 - Password-authentication System
 - Control Panel Key Lock
 - Kensington®-style Lock Port
- Remote Commander Unit
- Soft Carrying Case

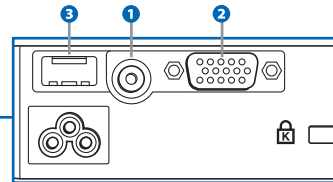
CONNECTOR PANELS

VPL-MX20



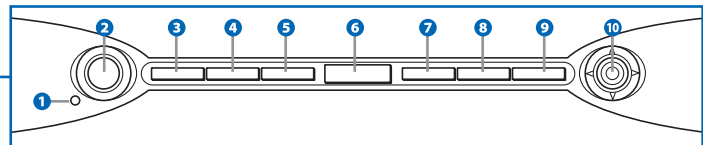
- 1 VIDEO jack
- 2 INPUT A (Analog RGB) connector

VPL-MX25



- 1 VIDEO jack
- 2 INPUT A (Analog RGB) connector
- 3 USB connector

CONTROL PANELS



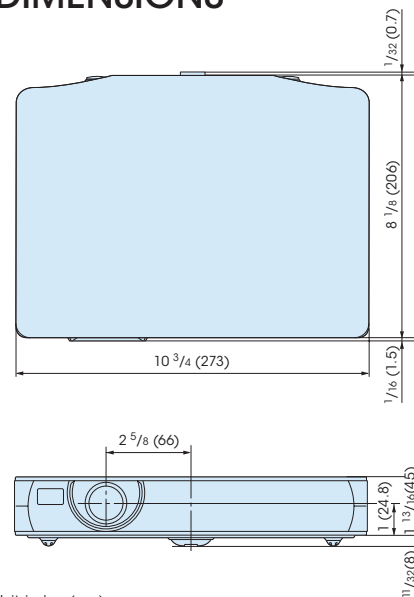
- 1 LAMP/COVER indicators
- 2 I/⏻ (On/Standby) key
- 3 INPUT key
- 4 MENU key
- 5 PIC MUTING key
- 6 Rear remote control detector
- 7 AUTO FOCUS key
- 8 ZOOM/FOCUS key
- 9 TILT/KEystone key
- 10 Enter/Arrow key

OPTIONAL ACCESSORY



LMP-M200
Projector Lamp (for replacement)

DIMENSIONS



Unit: inches (mm)

SPECIFICATIONS

		VPL-MX25	VPL-MX20
Optical			
Projection system		3 LCD panels, 1 lens projection system	
LCD panel		0.63-inch XGA panel, 2,359,296 (1024 x 768 x 3) pixels	
Projection lens		1.2 times power zoom lens, f = 18.19 to 21.87 mm, F 1.65 to 1.80	
Lamp		200 W ultra high pressure lamp	
Color light output		2500 lumens (lamp mode: high)/2000 lumens (lamp mode: standard)	
Light output		2500 lumens (lamp mode: high)/2000 lumens (lamp mode: standard)	
Screen coverage		30 to 150 inches (auto focus operation range) (viewable area measured diagonally)	
Throwing distance	30-inch	Approx. 2.8 to 3.2 feet (0.86 to 0.99 m)	
	40-inch	Approx. 3.9 to 4.3 feet (1.2 to 1.3 m)	
	60-inch	Approx. 5.9 to 6.6 feet (1.8 to 2.0 m)	
	80-inch	Approx. 7.9 to 8.9 feet (2.4 to 2.7 m)	
	100-inch	Approx. 9.8 to 11.2 feet (3.0 to 3.4 m)	
	120-inch	Approx. 11.8 to 13.5 feet (3.6 to 4.1 m)	
	150-inch	Approx. 14.8 to 16.7 feet (4.5 to 5.1 m)	
Signals			
Color system		NTSC ^{3.58} , PAL, SECAM, NTSC ^{4.43} , PAL-M, PAL-N, PAL60 (automatically/manually selected)	
Resolution	Video	750 TV lines	
	RGB	1024 x 768 pixels	
Acceptable computer signals		fh: 19 to 80 kHz, fv: 48 to 92 Hz (up to SXGA+ (fv: 60 Hz))	
Acceptable video signals		15 kHz RGB, component 50/60 Hz, progressive component 50/60 Hz, DTV (480/60i, 480/60p, 575/50i, 575/50p, 720/60p, 720/50p, 1080/60i, 1080/50i), composite video	
General			
Dimensions (W x H x D)		Approx. 10 3/4 x 1 13/16 x 8 1/8 inches (273 x 45 x 206 mm) (excluding projection parts)	
Weight		Approx. 3 lb 12 oz (1.7 kg)	
Power requirements		AC 100 to 240 V, 2.9 to 1.2 A, 50/60 Hz	
Power consumption		Max. 290 W, Standby: approx. 11W (standard mode)/ 2 W (low mode)	Max. 290 W, Standby: approx. 6 W (standard mode)/ 2 W (low mode)
Operating temperature		32 to 95 °F (0 to 35 °C)	
Operating humidity		35 to 85 % (no condensation)	
Storage temperature		-4 to 140 °F (-20 to 60 °C)	
Storage humidity		10 to 90 % (no condensation)	
Inputs/Outputs			
Input A	Analog RGB/Component	HD D-sub 15-pin	
Video input	Composite video	RCA phono jack	
USB		USB type A connector	—
Network		Wireless LAN, IEEE 802.11a/b/g	—
Supplied accessories			
RM-PJ6 Remote Commander® Unit (1), Lithium battery (CR2025) for Remote Commander unit (1), HD D-sub 15 pin cable (2 m) (1), Carrying case (1), AC power cord (1), Security label (1), Operating instructions (CD-ROM) (1), Quick reference manual (1), Safety regulations (1), Warranty Card			

SONY

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