

# 3LCD portable XGA projector with 2500 ANSI lumens

VPL-MX20 Portable Projector

**SONY**



This stylish projector has been designed to be exceptionally portable. Lightweight and slim with a contemporary ergonomic design, it is the ultimate personal projector for business professionals striving to create an impact with their presentations. With a depth of 45mm and weight of only 1.7kg, it is lightweight and easy to carry. The projector's five step Advanced Intelligent Auto Set Up feature means it is quick and simple to operate. In addition, the Off-and-Go function means it can be unplugged immediately after being switched off.

By combining an optical system that incorporates Sony's new and innovative BrightEra™ with Long Lasting Optics technology and a 3LCD projection system, the VPL-MX20 delivers high picture quality in XGA (1024 x 768) resolution and a high brightness of 2500 lumens. This allows professional presentations to be delivered in virtually any presentation environment.

## Key Features



### BrightEra™ with Long Lasting Optics technology

This is a more advanced version of Sony's original BrightEra™ technology which was developed to deliver improved panel light resistance, higher brightness, higher resolution and increased panel reliability. This new technology incorporates new inorganic polarisers.



### Advanced Intelligent Auto Set-up

Turn on the power and the VPL-MX20 automatically configures in 5 steps including auto-tilt focus, keystone, input search and pixel alignment – making it quick and easy to operate.



### Colour Light Output – 2500 lumens

Colour Light Output is a metric that measures a projector's ability to deliver colour. Colour Light Output provides users with a simple, accurate and easy to understand way to evaluate projector Colour Performance to make better buying decisions.



### Ultra-portable

Weighing in at just 1.7kg with a depth of only 45mm and a magnesium ergonomic curved edge body design, it's simply the ultimate in mobility, durability and style.



### Quick Start and Re-start

Turn the projector on and you are ready to present in 8 seconds. Turn it off accidentally and then switch it back on immediately and it is ready to perform in 5 seconds.



### Off and Go

The projector is ready to be unplugged as soon as it is switched off.



### Panel Key Lock

Locks the keys on the control panel so the projector can only be operated by the remote control.

## Other Features

### 3 Picture Modes (presentation, standard & dynamic)

#### Digital Zoom (4x)

Highlight a portion of the image displayed by 4x for audience impact.

#### Dynamic Detail Enhancer (DDE)

Generates high quality images through the Interface/Progressive conversion processor.

# VPL-MX20 Specifications

| Optical                          |                 |                                                                                                                                                                                                                                                                           |
|----------------------------------|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Projector System                 |                 | 3 LCD panels, 1 lens projector system                                                                                                                                                                                                                                     |
| LCD Panel                        |                 | 0.63" TFT LCD panel, (BrightEra)<br>2,359,296 (1024x768(XGA)x3) pixels                                                                                                                                                                                                    |
| Projector Lens                   |                 | Approx. 1.2 times zoom lens (Powered),<br>f=18.19 to 21.87mm, F=1.65 to 1.8                                                                                                                                                                                               |
| Throw Distance                   | 30" Screen      | 0.86 to 0.99m                                                                                                                                                                                                                                                             |
|                                  | 80" Screen      | 2.4 to 2.7m                                                                                                                                                                                                                                                               |
|                                  | 100" Screen     | 3.0 to 3.4m                                                                                                                                                                                                                                                               |
| Lamp                             |                 | 200W Ultra high pressure lamp                                                                                                                                                                                                                                             |
| Lamp Life                        |                 | 2000 H (Lamp mode: High)                                                                                                                                                                                                                                                  |
|                                  |                 | 3000 H (Lamp mode: Standard)                                                                                                                                                                                                                                              |
| Screen Coverage                  |                 | 30" to 150" (30" to 150" auto focus operation range)                                                                                                                                                                                                                      |
| Light Output                     |                 | 2500 (Lamp mode: High) / 2000 (Lamp mode: Standard)                                                                                                                                                                                                                       |
| Colour Light Output*             |                 | 2500 (Lamp mode: High) / 2000 (Lamp mode: Standard)                                                                                                                                                                                                                       |
| Contrast                         |                 | 650:1                                                                                                                                                                                                                                                                     |
| Signals                          |                 |                                                                                                                                                                                                                                                                           |
| Colour System                    |                 | NTSC3.58/PAL/SECAM/NTSC4.43/PAL-M/PAL-N/PAL60 system, switched automatically/manually (NTSC4.43 is the colour system used when playing back a video recorded in NTSC on a NTSC4.43 system VCR)                                                                            |
| Resolution                       |                 | 750 horizontal TV lines (Video input)<br>1,024 x 768 dots (RGB input)                                                                                                                                                                                                     |
| Acceptable Computer Signal       |                 | fH: 19 to 80kHz / fV: 48 to 92Hz Maximum input signal resolution: SXGA+ 1400 x 1050 fV: 60Hz                                                                                                                                                                              |
| Acceptable Video Signal          |                 | 15kHz RGB/Component 50/60Hz, Progressive component 50/60Hz, DTV (480/60i, 575/50i, 480/60P, 575/50P, 720/60P, 720/50P, 1080/60i, 1080/50i), Composite video, Y/C video                                                                                                    |
| General                          |                 |                                                                                                                                                                                                                                                                           |
| Dimensions (WxHxD)               |                 | 273 x 45 x 206mm (w/h/d) (without projecting parts)                                                                                                                                                                                                                       |
| Mass                             |                 | Approx. 1.7kg (3lb 12oz)                                                                                                                                                                                                                                                  |
| Cabinet Colour                   |                 | Silver / black                                                                                                                                                                                                                                                            |
| Power Requirements               |                 | AC 100 to 240V, 2.9 to 1.2A, 50/60Hz                                                                                                                                                                                                                                      |
| Power Consumption                |                 | Max.: 290W,<br>in Standby (Standard): 6W in Standby (Low): 2W                                                                                                                                                                                                             |
| Heat Dissipation                 |                 | 990 BTU                                                                                                                                                                                                                                                                   |
| Fan Noise                        |                 | 38dB (Lamp mode: standard)                                                                                                                                                                                                                                                |
| Operating Temperature            |                 | 0 to 35°C (32 to 95°F)                                                                                                                                                                                                                                                    |
| Operating Humidity               |                 | 35 to 85% (no condensation)                                                                                                                                                                                                                                               |
| Storage Temperature              |                 | -20 to 60°C (-4 to 140°F)                                                                                                                                                                                                                                                 |
| Storage Humidity                 |                 | 10 to 90%                                                                                                                                                                                                                                                                 |
| Interfaces                       |                 |                                                                                                                                                                                                                                                                           |
| Video Inputs                     | Composite Video | 1Vp-p ±2dB<br>sync negative (75ohms terminated)                                                                                                                                                                                                                           |
| Input A                          | RGB/Component   | HD D-sub15-pin, female Analog RGB/component:                                                                                                                                                                                                                              |
| Network                          |                 |                                                                                                                                                                                                                                                                           |
| USB                              |                 |                                                                                                                                                                                                                                                                           |
| Safety Regulations               |                 |                                                                                                                                                                                                                                                                           |
|                                  |                 | CB (IEC60950-1), DEMKO (EN60950-1), FCC (Class B ), IC (Class B ), JEITA, UL60950-1, cUL(CSA No.60950-1), VCCI, eK (K60950-1 +EMC), C-Tick (EN55022(B)), CE (LVD: EN60950-1(DEMCO), EMC)                                                                                  |
| Supplied Accessories             |                 |                                                                                                                                                                                                                                                                           |
|                                  |                 | Remote Commander RM-PJ6, Lithium Battery for Remote Commander CR2025 (1), HD D-sub 15-pin cable (2.0m) (1), Security Label, CD-ROM (Operating Instructions), Quick Reference Manual, Safety Regulations, AC Power Cord, Carrying Case (1), Warranty Card (outside of box) |
| Optional Accessories             |                 |                                                                                                                                                                                                                                                                           |
| Projector Lamp (for replacement) |                 | LMP-M200                                                                                                                                                                                                                                                                  |

## Optional Accessories



**LMP-M200**  
Lamp



**RM-PJ6**  
Remote commander

## VPL-MX20 - Inputs



## Front



\* Colour Light Output is a metric that measures a projector's ability to deliver colour. Colour Light Output provides users with a simple, accurate and easy to understand way to evaluate projector Colour Performance to make better buying decisions.



- Halogenated flame retardants are not used in cabinets or printed wiring boards.
- Corrugated cardboard is used for the packaging cushions.

## PrimeSupport

The VPL-MX20 projector comes supplied with a 3-year support pack which offers unique extra services and benefits.

- 3 years' cover
- Free telephone helpdesk support in 5 languages
- Collection and delivery anywhere in EU, Norway and Switzerland

[www.sonybiz.net/primesupport](http://www.sonybiz.net/primesupport)



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