Features of VPD-MX10

Personal book style

Designed for Sophistication

The VPD-MX10 features a novel, sophisticated styling to offer a new dimension to mobile business presentations. When not in use, its simple, flat design gives it the appearance of a book. The lens is concealed behind the front panel, which opens with the touch of a button to deliver outstanding image performance.

Easy to Carry

The VPD-MX10 is ultra-compact and lightweight, and very easy to carry. A carrying bag is also supplied with the unit, so that its clear and brilliant images can be projected anytime, anywhere.

High brightness and contrast

The VPD-MX10 projects images with outstanding clarity and detail, offering an excellent 1000 ANSI lumens light output and true XGA (1024 x 768) resolution. Utilizing Digital Light Processing™ technology developed by Texas Instruments, high-contrast images are provided on screens of up to 200 inches*.

*** Viewable area, measured diagonally.**

Quiet operation

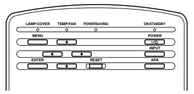
The VPD-MX10 runs very quietly with its advanced air discharge system. Presentations will flow very smoothly without any disturbance.

Specifications

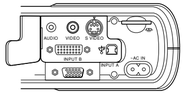
OPTICAL	Projection system	DLP™ (1 DMD™ panel) projection system
	DMD panel	0.7-inch DMD panel, 786,432 pixels
	Projection lens	1.2 times zoom lens, F2.4 to 2.8, f27.5 to 33.0 mm
	Lamp	130 W UHP lamp
	Screen coverage	40 to 200 inches (viewable area, measured diagonally)
	Light output	1000 ANSI lumens*1
	Throwing distance (Screen size*2)	
	40-inch	1.5 to 1.9 m
	60-inch	2.3 to 2.8 m
	80-inch	3.1 to 3.7 m
	100-inch	3.9 to 4.7 m
	120-inch	4.7 to 5.6 m
	150-inch	5.9 to 7.1 m
	200-inch	7.9 to 9.4 m
SIGNALS	Color system	NTSC, PAL, SECAM, NTSC4.43, PAL-M, PAL-N
	Resolution	VIDEO: 750 TV lines, RGB: 1024 x 768 pixels
	Acceptable signals	RGB (fH: 19 to 92 kHz, fV: 48 to 92 Hz),15 kHz component 50/60 Hz system, composite video, Y/C video
GENERAL	Speaker	Max. 0.8 W (monaural)
	Power requirements	AC 100 to 240 V, 50/60 Hz
	Power consumption	Max. 200 W, Standby 8 W
	Dimensions*3	255 (W) x 58 (H) x 228.5 (D) mm (10 1/8 x 2 3/8 x 9 inches)
	Weight	Approx. 2.0 kg (4 lb 6 oz)
	Heat dissipation	682.5 BTU
INPUTS/OUTPUTS	VIDEO IN	
	Composite	Phono, 1.0 Vp-p ±2 dB, sync negative, 75Ω
	Y/C IN	Mini DIN 4-pin
	Y	1.0 Vp-p ±2 dB, sync negative, 75Ω
	C	Burst 0.286 Vp-p ±2 dB (NTSC), 75Ω or 0.3 Vp-p ±2 dB (PAL), 75Ω
	INPUT A	
	Analog RGB/Component	HD D-sub 15-pin (female)
	R/R-Y	0.7 Vp-p ±2 dB, positive, 75Ω
	G	0.7 Vp-p ±2 dB, positive, 75Ω
	G with Sync/Y	1.0 Vp-p ±2 dB, sync negative, 75Ω
	B/B-Y	0.7 Vp-p ±2 dB, positive, 75Ω
	SYNC/HD	
	Composite sync	1.0 to 5.0 Vp-p, high impedance positive/negative
	Horizontal sync	1.0 to 5.0 Vp-p, high impedance positive/negative
	VD	
	Vertical sync	1.0 to 5.0 Vp-p, high impedance positive/negative
	INPUT B	
	Digital RGB	DVI-D (TMDS)
	"Memory Stick" slot	x 1
	USB HUB	Up (B type female) x 1
	AUDIO IN	Stereo mini jack, 500 mV rms, impedance more than 47kΩ
SAFETY REGULATIONS		UL, cUL, FCC class B, IC class B, NEMKO, CE (LVD, EMC), C-Tick, CCIB
SUPPLIED ACCESSORIES		Remote Commander RM-PJM11, "Memory Stick" (8 MB), Monitor Cable, USB Cable: A type to B type, CD-ROM (Application Software), Carrying Bag, AA size Battery (2), AC Power Cord, Operation Manual, Quick Reference Sheet

*1 ANSI lumen is a measuring method of the American National Standards Institute IT7.228.
*2 Viewable area, measured diagonally.
*3 Excluding all protruding parts.

Control Panel



Connector Panel



Preset Signal Data

Memory No.	Preset Signal		fH (kHz)	fV (Hz)	H/V Polarity
1	VIDEO 60Hz		15.734	59.940	N/N
2	VIDEO 50Hz		15.625	50.000	N/N
3	15 K RGB/Component 60 Hz		15.734	59.940	S on G
4	15 K RGB/Component 50 Hz		15.625	50.000	S on G
5					
6	640 x 350	VGA mode 1	31.469	70.086	P/N
7		VGA VESA 85 Hz	37.861	85.080	P/N
8	640 x 400	PC-9801 Normal	24.823	56.416	N/N
9		VGA mode 2	31.469	70.086	N/P
10		VGA VESA 85 Hz	37.861	85.080	N/P
11	640 x 480	VGA mode 3	31.469	59.940	N/N
12		Macintosh™ 13"	35.000	66.667	S on G
13		VGA VESA 72 Hz	37.861	72.809	N/N
14		VGA VESA 75 Hz	37.500	75.000	N/N
15		VGA VESA 85 Hz	43.269	85.008	N/N
16	800 x 600	SVGA VESA 56 Hz	35.156	56.250	P/P
17		SVGA VESA 60 Hz	37.879	60.317	P/P
18		SVGA VESA 72 Hz	48.077	72.188	P/P
19		SVGA VESA 75 Hz	46.875	75.000	P/P
20		SVGA VESA 85 Hz	53.674	85.061	P/P
21	832 x 624	Macintosh 16"	49.724	74.550	N/N
22	1024 x 768	XGA VESA 43 Hz	35.524	43.479	P/P
23		XGA VESA 60 Hz	48.363	60.004	N/N
24		XGA VESA 70 Hz	56.476	70.069	N/N
25		XGA VESA 75 Hz	60.023	75.029	P/P
26		XGA VESA 85 Hz	68.677	84.997	P/P
27	1152 x 864	SXGA VESA 70 Hz	63.995	70.016	P/P
28		SXGA VESA 75 Hz	67.500	75.000	P/P
29		SXGA VESA 85 Hz	77.487	85.057	P/P
30	1152 x 900	Sunmicro LO	61.795	65.960	N/N
31		Sunmicro HI	71.713	76.047	C Neg
32	1280 x 960	SXGA VESA 60 Hz	60.000	60.000	P/P
33		SXGA VESA 75 Hz	75.000	75.000	P/P
34	1280 x 1024	SXGA VESA 43 Hz	46.433	43.436	P/P
35		SGI-5	53.316	50.062	S on G
36		SXGA VESA 60 Hz	63.974	60.013	P/P
37		SXGA VESA 75 Hz	79.976	75.025	P/P
38		SXGA VESA 85 Hz	91.146	85.024	P/P

* Images may not be reproduced correctly when signals other than the above are input.

Optional Accessories

Projector Lamp (for replacement)
LMP-M130

Signal Cables
SMF-402
(HD D-sub 15-pin to HD D-sub phono x 3, for component signal)

DLP™
A TEXAS INSTRUMENTS TECHNOLOGY

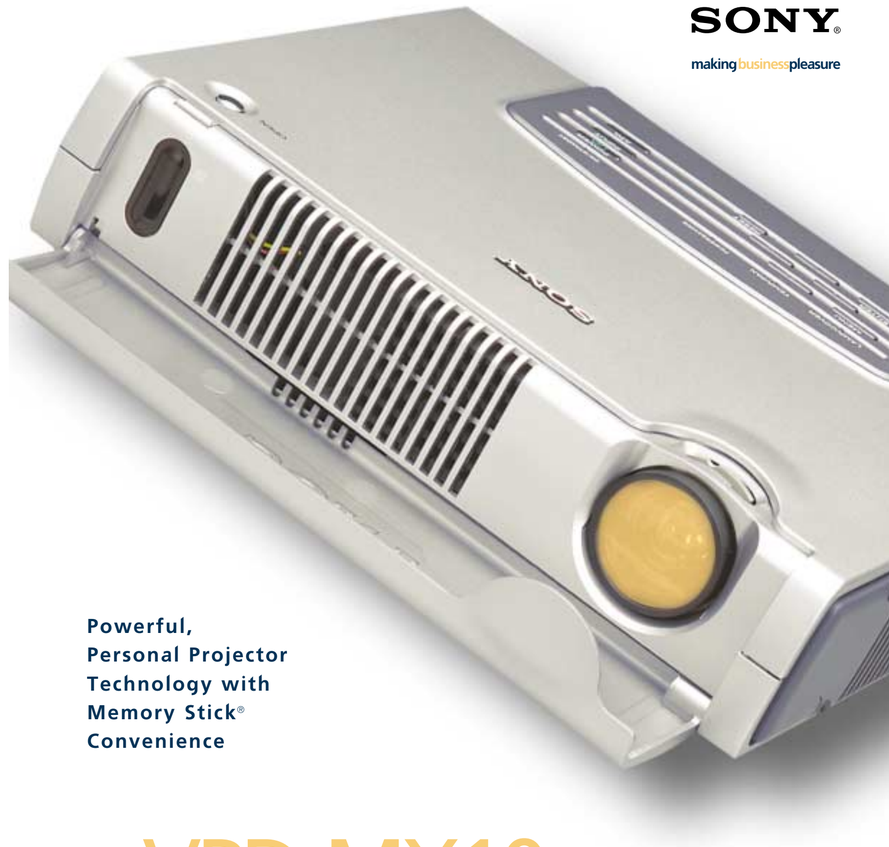
SONY

Sony Electronics Inc.
One Sony Drive
Park Ridge, NJ 07656
www.sony.com/projectors

DI-0019
MK7732V1INV01SEP

Printed in USA 11/01

SONY
making business pleasure



Powerful, Personal Projector Technology with Memory Stick® Convenience

VPD-MX10
XGA Data Projector

So light and bright, it helps you make winning presentations wherever you go.

Powerful technology brings you an amazingly bright image in a surprisingly light package. And because the VPD-MX10 has Memory Stick compatibility, you can carry your presentation in your pocket – no need to take along a PC. Besides full XGA resolution and 1000 ANSI lumens* brightness, you'll appreciate its quiet operation and USB compatibility. It also includes an advanced digital DVI interface to bring out full digital picture potential.
Stylish, elegant and compact, the Sony VPD-MX10 is the new shape of personal projector performance.

*ANSI lumen is a measuring method of the American National Standards Institute IT7.228.

Memory Stick presentations

Memory Stick Compatibility

PC-less presentations can be made by using the IC recording media Memory Stick. Giving a Microsoft® PowerPoint® presentation or showing digital photos* is a snap, with no need to connect a PC to the projector. Functions such as Auto Run or Start Up are useful to make presentations look even smarter.

*Digital files complying with the DCF standard are supported.

Easy Preparation

PowerPoint (PPT, PPS) presentations, BMP, TIFF and JPEG files can be edited and saved on to the Memory Stick with simple "drag & drop" operation*1 using the supplied Sony Projector Station software*2 (for Presentation). Even files in different formats can be combined into a single file automatically.

*1 All files listed are converted to JPEG format.
*2 Projector Station software requirements: Microsoft® 98, Windows 98 SE, Windows Me or Windows 2000 operating system.

Excellent versatility

Various Inputs

The VPD-MX10 has a built-in scan converter and accepts a variety of input signals: composite video, component video and RGB video, as well as PC signals up to SXGA. It also has a DVI input which allows digital connectivity with compatible PCs.

USB Compatibility

The VPD-MX10 is USB-ready, and with USB connection, the Projector Station software can be used to control the projector and to transfer file data between the computer and a Memory Stick inserted in the projector.

APA (Auto Pixel Alignment)

With APA, a single-button "press and play" operation correctly sizes and adjusts the display for optimum picture performance.

Digital Keystone Correction

Keystone distortion of up to 15 degrees can be digitally corrected. Images can be projected with the correct geometry even where installation space is limited.

Simulated picture

OSD

The On-Screen Display for projector control is available in nine languages: English, French, Spanish, German, Italian, Portuguese, Japanese, Chinese and Korean. Its screen position and color can be altered, depending on user preference.

For sophisticated presentations

Useful Remote Control Unit

The supplied remote control unit, the RM-PJM11, has an integrated mouse function for point-and-click control of your USB-connected computer. It is equipped with keys to control various functions, providing smooth, persuasive presentations.

4-times Digital Zoom

Any part of the projected image can be zoomed in during a presentation to assist in conveying a clear message.

Simulated picture

Full Projector Control from a PC

Projector control is available from a PC running the Projector Station software (for Control) and interfaced to the projector via a USB connection. Users can select inputs, change picture settings, etc. from the PC. Also, when presentation materials are assigned in the software beforehand, they can be opened instantly by use of the two Function keys on the remote control unit.

Freeze

The Freeze function displays a freeze-frame while preparing or switching to the next image.