PDP-502MX SPECIFICATIONS

■ SPECIFICATIONS

Effective Screen Size (W x H)	43-15/16" x 24-13/16" (1098.2 x 620.5 mm) (50in. diag.)
Aspect Ratio	16:9
Number of Pixels	1280 (Hor.) x 768 (Ver.)
Pixel Pitch	0.858 mm (Hor/RGB trio) x 0.808 (Ver.) mm
Color Resolution	256 gray scale, 16.7 million colors
Viewing Angle	More than 160° (Hor.) , more than 160° (Ver.)
Dimensions (W x H x D)	47-31/32" x 28-1/8" x 3-7/8" (1218 x 714 x 98 mm)

Weight	88 lbs. 14 oz (40.3 kg)
Power Consumption	470 W (0.6W at stand by)
Power Requirements	AC 100~120V ±10%, 50/60Hz (4.7A)
Operating Temperature	32°F~104°F (0°C~40°C)
Operating Humidity	20%~80%
Operating Atmospheric Pressure	0.8 ~ 1.1 atmospheric pressure
Safety Regulations	UL 1492, FCC class A, C-UL

■ Video Input/Output Terminals

		Connector	Signal	Level/Impedance
INPUT 1	IN	BNC	Composite video signal	1Vp-p/75Ω
	OUT	BNC	Composite video signal	75Ω
INPUT 2	IN	Mini DIN 4 pin(S terminal)	Y/C separate video signal	Y : 1Vp-p/75Ω
				C : 0.286Vp-p/75Ω(NTSC)
				0.3Vp-p/75Ω(PAL)
		BNC x 2		
INPUT 3	IN	BNC x 5	RGB signal	RGB : 0.7Vp-p/75Ω
			(G on Sync compatible)	G on Sync : 1Vp-p/75Ω
				HD/CS, VD : TTL level/75Ω or 2.2kΩ switchable
			Component video signal	Y : 1Vp-p/75Ω
				PB/CB, PR/CR : 0.525Vp-p/75Ω
INPUT 4	IN	Mini D-Sub 15-pin	RGB signal	R.G.B : 0.7Vp-p/75Ω
			(G on Sync compatible)	G on Sync : 1Vp-p/75Ω
				HD/CS, VD : TTL level/2.2kΩ
			Component video signal	Y : 1Vp-p/75Ω
				PB/CB, PR/CR : 0.525Vp-p/75Ω
			*Compatible with Microsoft Plug & Play (VESA DDC1/2B)	
	OUT	Mini D-Sub 15-pin	RGB signal (G on Sync compatible)	75Ω

* For compatible input frequency of INPUT 3 and INPUT 4, refer to the chart right. * INPUT 2 is Y/C separate signal (BNC) and Y/C separate signal (Mini DIN 4-pin/S terminal) selectable, while INPUT 3 and INPUT 4 are RGB signal and component signal selectable.

■ Audio Input/Output Terminals

		Connector	
AUDIO INPUT (INPUT 1/2)	IN	Pin x 2 (L/R)	L/R : 500mVrms/more than 10kΩ
AUDIO INPUT (INPUT 3/4)	IN	Stereo mini	L/R : 500mVrms/more than 10kΩ
AUDIO OUTPUT	OUT	Stereo mini	L/R : Max. 500mVrms/less than 5kΩ
SPEAKER	OUT		L/R : 8~16Ω/2W + 2W (8Ω)

■ Control Terminals

		Connector	
RS-232C (for control of personal computer)		Connector	D-sub 9-pin
	Baud rate	1200, 2400, 4800, 9600, 19200bps
Combination IN/OUT		Connector	Mini-DIN 6-pin (x 2)
Control IN/OUT		Connector	Mini jack (x 2)

■ Personal Computer Input Signal

Resolution (dot x line)	Vertical Frequency Fv (Hz)	Horizontal Frequency Fh (kHz)	Usage
640 x 400	56.4	24.8	NEC PC-9800
	70.1	31.5	NEC PC-9800
	60	31.5	(852 x 480)
			(864 x 480)
	66.7	35	Apple Macintosh 13"
640x 480	72	37.9	
	75	37.5	
	85	43.3	
	56	35.2	
	60	37.9	(1072 x 600)
800 x 600	72	48.1	
	75	46.9	
	85	53.7	
832 x 624	74.6	49.7	Apple Macintosh 16"
	43 Interlace	35.5	
	60	48.4	(1376 x 768)
1024 x 768	70	56.5	
	75	60	( ) indicates
	(74.9)	(60.2)	Apple Macintosh 19"
	85	68.7	
	60	53.7	
1152 x 864*	72	64.9	
	75	67.7	
1152 x 870*	75.1	68.7	Apple Macintosh 21"
1152 x 900*	66	61.8	Sun Microsystems LO
	76	71.7	Sun Microsystems HI
1280 x 768*	56	45.1	
1280 x 960*	60	60	
	43 Interlace	46.4	
1280 x 1024*	60	64	
	75	80	(1600 x 1024)
	85	91.1	
	60	75	
1600 x 1200*	65	81.3	
	70	87.5	

*Compressed or partial display

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■ Video Input Signal Compatibility Chart (INPUT 1, INPUT 2)

	Signal Format	Usage
3.58 NTSC	Composite Video	INPUT 1
	S-Video Signal (Y/C)	INPUT 2
PAL	Composite Video	INPUT 1
	S-Video Signal (Y/C)	INPUT 2
SECAM	Composite Video	INPUT 1
	S-Video Signal (Y/C)	INPUT 2
4.43 NTSC	Composite Video	INPUT 1
	S-Video Signal (Y/C)	INPUT 2

■ Video Input Signal Compatibility Chart (INPUT 3, INPUT 4)

Vertical Frequency Fv (Hz)	Horizontal Frequency Fh (kHz)	Signal Format	Usage
50	15.625	Component Video RGB	
	31.25	Component Video RGB	
60	15.734	Component Video RGB	480i (SDTV)
	31.5	Component Video RGB	480p (SDTV)
	33.75	Component Video RGB	1080i (HDTV) Hi-vision
	45	Component Video RGB	720p (HDTV)
	67.5	Component Video RGB	1080p (HDTV)

■ Personal Computer Screen Display

	VGA	SVGA	XGA	SXGA*1	UXGA*2
True					
4:3 Expanded/ Compressed					
Full					
Partial					

*1 4:3 Normal and Full pictures are compressed. Zoom image are shown in real size.   *2 Compressed

■ Accessories

•Pin/BNC Conversion Adaptor x 1 •Power Cord x 1 •Cleaning Cloth x 1 •Speed Clamp x 2 •Bead Band x 2 •Remote Control Unit x 1 •Remote Control Unit Case x 1 •AA (R6) Battery x 2 •Stand x 2 •Hex Hole Bolt x 2 x 2 •Washer (Large) x 2 •Washer (Small) x 2 •Operation Instructions •Warranty Card