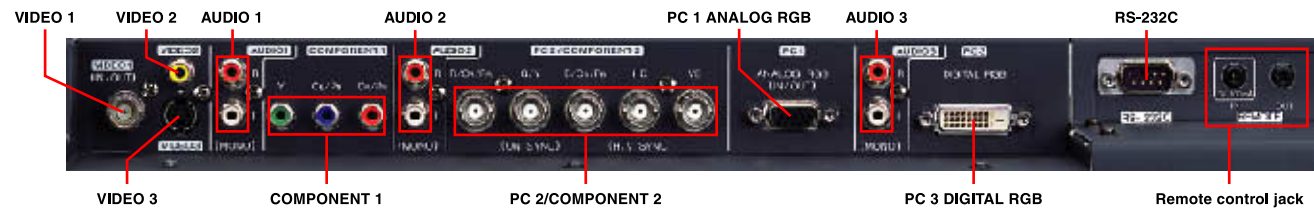
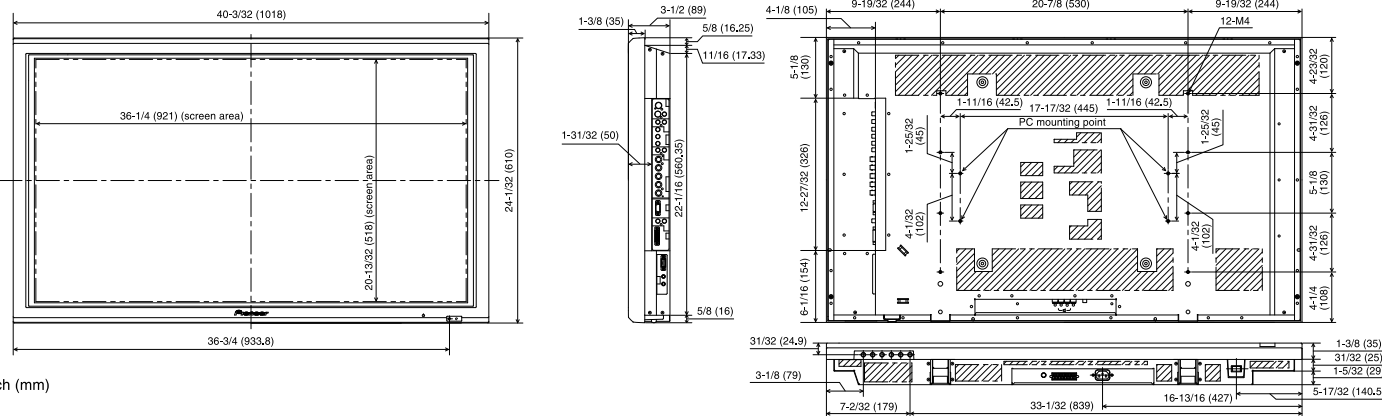


Terminal Configuration



Dimensions



Unit : inch (mm)

Specifications

Effective Screen Size(W x H)	36-1/4" x 20-13/32" (921 x 518 mm) (42in, Diag.)
Aspect Ratio	16:9
Number of Pixels	853(Hor.) x 480(Ver.)
Pixel Pitch	1.08mm(Hor/RGB trio) x 1.08mm(Ver.)
Dimensions (W x H x D)	40-3/32" x 24-1/32" x 3-1/2" (1018 x 610 x 89 mm)
Weight	62 lbs, 13 oz (28.5kg)
Power Consumption	270W (0.9W at stand by)
Power Requirements	AC 100-240V±10%, 50/60Hz
Operating Temperature	32°F-104°F (0°C-40°C)
Operating Humidity	20% - 80%
Operating Atmospheric Pressure	720-1114 hPa
Safety Regulations	UL60950-1, CSA C22.2 No.60950-1/FCC class B

*Design and specifications are subject to change without notice.

Input Terminals

Connector	Signals	Level/Impedance
PC1*	Mini D-sub 15-pin Analog RGB Signal (G on Sync compatible)	RGB : 0.7Vp-p/75Ω G on Sync : 1Vp-p/75Ω HD/CS_VD : TTL level/2.2kΩ
COMPONENT1	RCA x 3 Component Video Signal	Compatible with Microsoft Plug & Play (VESA DDC 1/2B) Y: 1Vp-p/75Ω
PC2/ COMPONENT2	BNC x 5 Analog RGB Signal (G on Sync compatible)	Pb/Cb, Pr/Cr: 0.525Vp-p/75Ω (75% saturation) RGB : 0.7Vp-p/75Ω 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 (75% saturation)
PC3	DVI-D 24pin Digital RGB Signal (DVI 1.0 w HDCP)	Compatible with Microsoft Plug & Play (VESA DDC 2B)
VIDEO 1*	BNC x 1 Composite Video Signal	1Vp-p/75Ω
VIDEO 2	RCA x 1 Composite Video Signal	1Vp-p/75Ω
VIDEO 3	Mini DIN Y/C Separate Video Signal	Y: 1Vp-p/75Ω C: 0.286Vp-p/75Ω (NTSC) 0.3Vp-p/75Ω (PAL)

* PC1 and VIDEO 1 can also be used as OUTPUT terminals.

Audio Input/Output Terminals

Connector	IN	OUT	Level/Impedance
AUDIO1	RCA pin x 2		L/R : 500mVrms/more than 22kΩ
AUDIO2	RCA pin x 2		L/R : 500mVrms/more than 22kΩ
AUDIO3	RCA pin x 2		L/R : 500mVrms/more than 22kΩ
SPEAKER		OUT	L/R : 8W + 8W (6Ω)

Audio Inputs are selectable to each Video input.

Control Terminals

Connector	Baud Rate	D-sub 9Pin (Cross Cable)
RS-232C (for control of computer)	9600	9600 bps
Remote Control IN/OUT		Mini jack (x 2)

Video Input Signals

Signal	Resolution
Composite & Y/C	NTSC(3.58/4.43), PAL(B, G, M, N), PAL60, SECAM
Component	50Hz: 576i, 576P, 625i, 625P, 1080i 60Hz: 480i, 480P, 525i, 525P, 720P, 1035i, 1080i 50Hz: 1920 x 1080i, 720 x 576P, 1440(720) x 576i 60Hz: 640 x 480P, 1280 x 720P, 1920 x 1080i, 720 x 480P, 1440(720) x 480i
DVI 1.0 w HDCP	
PC	VGA-UXGA

Accessories

- Remote Controller x 1 • AAA Batteries x 2 • Power Cord x 1 • User's Manual x 1 • Safety Metal Fitting x 2
- Ferrite Core (small x 2, large x 2) • Bands x 2 • Cable Clamps x 2 • Wiping Cloth x 1

Options

OPTIONAL SIDE-MOUNT SPEAKERS
PDP-S32-LR

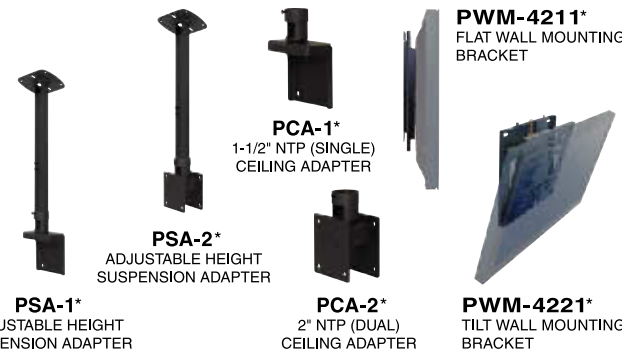


- Maximum input: 30W/6 ohms
- Dimensions (WxHxD): 3-17/32" x 24-1/32" x 3-1/2" (90 x 610 x 89 mm)
- Weight: 4 lbs. 3 oz (1.9 kg) (one unit)

TABLE TOP STAND
PDK-TS09



- Dimensions (WxHxD): 27-5/32" x 3-27/32" x 15-3/4" (690 x 98 x 400 mm)
- Weight: 4 lbs. 13 oz (2.2 kg)



*These items have been manufactured by Premier Mounts. If you need further information please call 1-800-368-9700 or access to <http://www.premiermounts.com/>.

*For more details, contact one of the addresses below.

*All product names and company names are registered trademarks of their respective owners.



Pioneer Corporation and Pioneer Display Products Corporation where PDP products are developed have both achieved ISO 14001 certification.



PIONEER CORPORATION
15-5, Ohmorinishi 4-chome, Ohta-ku, Tokyo 143-8564, Japan TEL : +81-3-3763-4005 FAX : +81-3-3763-4020 URL : <http://www.pioneer.co.jp/>
PIONEER ELECTRONICS (USA) INC.
2265 East 220th Street, Long Beach, CA 90810, USA TEL : 310-952-2000 FAX : 310-952-2639 URL : <http://www.pioneerelectronics.com/>



Printed on Recycled Paper
5105C E-FC(F)12-04 Printed in Japan



Outstanding image quality meets high functionality.

42-inch WVGA Professional Plasma Display

PDP-424MV

WVGA 42 inch

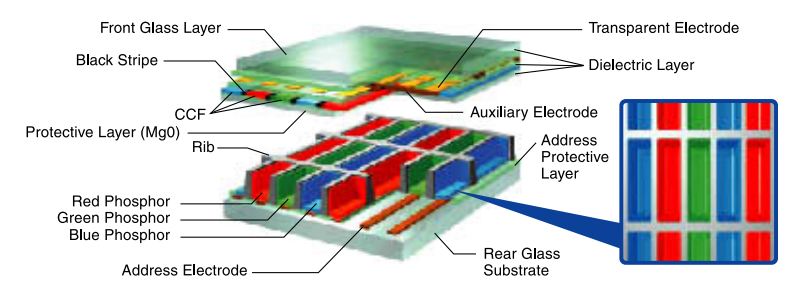


We've raised the bar with a 42-inch, user-friendly, professional quality plasma display.

Once again, the leader in plasma display technology has introduced a professional level product that's highly functional and easy to use. Professionals will appreciate the PDP-424MV's exceptional image quality featuring superior brightness and contrast. And everyone will appreciate the user-friendly controls and functions that make it simple to adjust and enhance all 42-inches of the display's image.

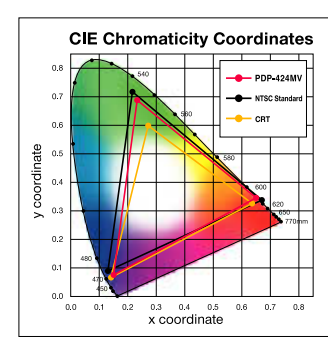
Encased Cell Structure

The Encased Cell Structure is a key reason for the PDP-424MV's superior performance. The cells feature a larger phosphor surface area that prevents light leakage. Luminous efficiency is higher, the screen is brighter, and subtle details are enhanced.

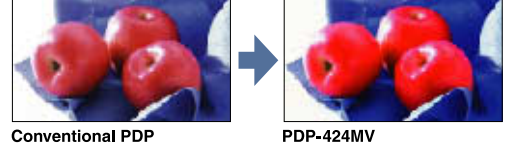


High-Precision Capsulated Color Filter (CCF)

The PDP-424MV's precisely engineered CCF decreases light reflection for better viewing and filters out unnecessary elements in red, green and blue light for purer color reproduction. Skin tones appear more natural, and all images, even fast-moving ones, are crisp and vivid.



Natural, Accurate Colors



Excellent Contrast Under All Lighting Conditions



Black Stripe

Inhibits the reflection of outer light and enhances contrast to ensure that dark colors appear crisp and clear, even in bright settings.

42-inch WVGA Professional Plasma Display PDP-424MV



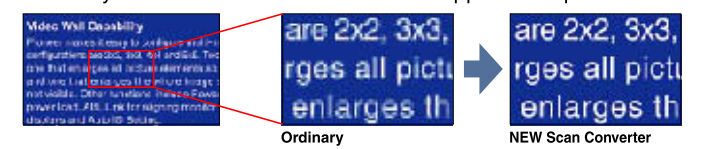
Superior Image Processing Technology

Full Digital Processing: From input to output, the video signal remains in the digital domain, ensuring noise-free, no-loss signal quality for the highest possible resolution of all types of sources (video to PC).

Gamma Selection: Four gamma modes can be selected, allowing for a more precise display of tone gradations, even for images with low lighting.



New Scan Converter: Converts input signals with high sampling accuracy so details such as small letters appear sharp and clear.



I/P Conversion and Scaling Large Scale Integrated (LSI) Components: These LSI's smooth jagged edges, correct color bleeds and select the ideal input resolution by simultaneously sensing both Y and C signals, resulting in images that are smooth and clean.



A Wide Range of Convenient Functions

Energy Saving and Image Burn-In Management

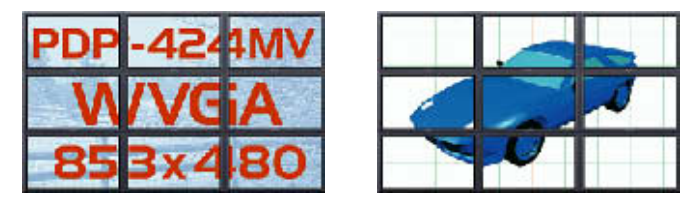
ABL (Auto Brightness Limiter) Lock provides three selectable modes to reduce power consumption when desired. Modes to manage image burn-in include: Orbiter (moves image one pixel at a time), Inverse (displays image as negative), White Mask and others.

Programmable Timer

The timer function features a convenient Weekly Timer and the following programmable functions: power on/off, input selection, activation of image burn-in prevention modes.

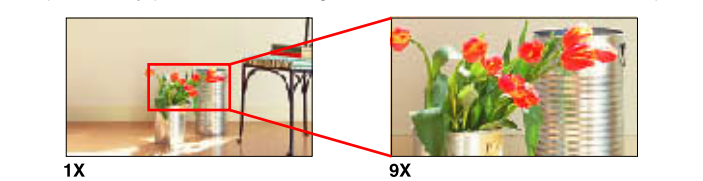
Video Wall Capability

Multi-monitor video walls are easy to configure. Possible configurations are 2x2, 3x3, 4x4 and 5x5 in two display modes. One mode enlarges all picture elements so the entire picture is visible, and another enlarges the whole image. Other functions include Power On Delay to reduce initial power load, ABL Link to align ABL functions and Auto ID Setting.



Point Zoom

Expands any portion of an image from one to nine times in 64 steps.



Color Detail Adjustment

Color adjustment can be performed for any primary or secondary color without affecting the others. For example, you can change the deep red of a sports car to bright crimson without changing other colors in the image.



Other Features

- Disable On Screen Display (OSD) • Self Diagnosis • Function Lock
- Power-On Programmable Input • Various Color Temperature Settings
- Input Skip • RS-232C Input • Wired or Wireless Remote Control