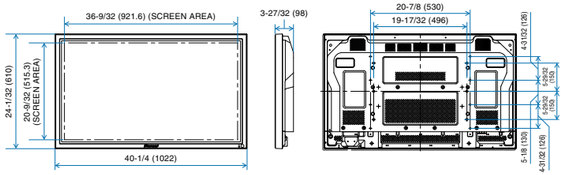
PDP-425CMX

Dimensions

Unit: inch (mm)



Terminal Configuration

Specifications

Effective Screen Size (W x H)	36-9/32" x 20-9/32" (921.6 x 515.3 mm) (42in. Diag.)
Aspect Ratio	16:9
Number of Pixels	1024(Hor.) x 768(Ver.)
Pixel Pitch	0.9(Hor./RGB trio) x 0.671(Ver.)mm
Brightness	1400cd/m² (white peak, panel)
Dimensions (W x H x D)	40-1/4" x 24-1/32" x 3-27/32" (1022 x 610 x 98 mm)
Weight	67 lbs. 4 oz (30.5 kg)
Power Consumption	285W
Power Requirements	AC 100-120V±10%, 50/60Hz
Operating Temperature	32˚F-104˚F (0˚C-40˚C)
Operating Humidity	20%-80%
Operating Pressure	800-1100 hPa
Safety Regulations	UL 60950-1, FCC 15B class B, C-UL

Input/Output Terminals

		Connector	Signal	Level/Impedance
INPUT 1	IN	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
			Compatible with Microsoft Plug & Play (VESA DDC 1/2B)	
	OUT	Mini D-sub 15-pin	Analog RGB Signal (G on Sync compatible)	75Ω
INPUT 2	IN	DVI-D 24-pin	Digital RGB Signal (DVI 1.0 Standard)	
			Compatible with Microsoft Plug & Play (VESA DDC 2B) and HDCP	

Audio Input/Output Terminals

		Connector	Level/Impedance
AUDIO INPUT(INPUT1)	IN	Stereo mini	L/R: 500mVrms/more than 10kΩ
AUDIO INPUT(INPUT2)	IN	Stereo mini	L/R: 500mVrms/more than 10kΩ
AUDIO OUTPUT	OUT	Stereo mini	L/R: 500mVrms/less than 5kΩ(FIXED)
SPEAKER	OUT		L/R: 6-16Ω/8W +8W(6Ω)

Control Terminals

RS-232C (for control by computer)	Connector	D-sub 9-pin
	Baud Rate	1200, 2400, 4800, 9600, 19200, 38400 bps
Combination IN/OUT	Connector	Mini DIN 6-pin (x2)

Computer Input Signal

Model	Resolution (Dot x Line)	Vertical Frequency	Horizontal Frequency	Digital
IBM PC/AT Compatible Computers	640 x 400	70.1Hz	31.5kHz	
	720 x 400	70.1Hz	31.5kHz	○
		85.1Hz	37.9kHz	○
	640 x 480	59.9Hz	31.5kHz	○
		72.8Hz	37.9kHz	○
		75Hz	37.5kHz	○
		85Hz	43.3kHz	○
		100.4Hz	51.1kHz	○
		120.4Hz	61.3kHz	○
	848 x 480	60Hz	31kHz	○
	852 x 480	60Hz	31.7kHz	○
	800 x 600	56.3Hz	35.2kHz	○
		60.3Hz	37.9kHz	○
		72.2Hz	48.1kHz	○
		75Hz	46.9kHz	○
		85.1Hz	53.7kHz	○
		99.8Hz	63kHz	○
		120Hz	75.7kHz	○
	1024 x 768	60Hz	48.4kHz	○
		70.1Hz	56.5kHz	○
		75Hz	60kHz	○
		85Hz	68.7kHz	○
		100.6Hz	80.5kHz	○
		119.4Hz	95.5kHz	○
	1152 x 864*	60Hz	53.7kHz	○
		72Hz	64.9kHz	○
		75Hz	67.5kHz	○
	1280 x 768*	56.2Hz	45.1kHz	○
		59.8Hz	48kHz	○
		69.8Hz	56kHz	○
	1280 x 800*	60Hz	49.7kHz	○
	1280 x 854*	60Hz	53.1kHz	○
	1280 x 960*	60Hz	60kHz	○
		85Hz	85.9kHz	○
	1360 x 765*	60Hz	47.7kHz	
	1360 x 768*	60Hz	47.7kHz	○
	1376 x 768*	59.9Hz	48.3kHz	○
	1280 x 1024*	60Hz	64kHz	○
		75Hz	80kHz	○
		85Hz	91.1kHz	○
		100.1Hz	108.5kHz	
	1400 x 1050*	60Hz	65.3kHz	○
		75Hz	82.3kHz	○
		85Hz	93.9kHz	
	1680 x 1050*	60Hz	65.3kHz	○
	1600 x 1200*	60Hz	75kHz	○
		65Hz	81.3kHz	
		70Hz	87.5kHz	
		75Hz	93.8kHz	
		85Hz	106.3kHz	
	1920 x 1200*	60Hz	74.6kHz	
	1920 x 1200RB*	60Hz	74kHz	○
Apple Macintosh®	640 x 480	66.7Hz	35kHz	
	832 x 624	74.6Hz	49.7kHz	
	1024 x 768	74.9Hz	60.2kHz	
	1152 x 870*	75.1Hz	68.7kHz	
	1440 x 900*	60Hz	56kHz	○
EWS Series	Work Station	60Hz	64.6kHz	○
	1280 x 1024*	71.2Hz	75.1kHz	○
	1280 x 1024*	72Hz	76.1kHz	○
	1152 x 900*	66Hz	61.8kHz	○
	1152 x 900*	76Hz	71.7kHz	○
	1280 x 1024*	76.1Hz	81.1kHz	○
	1024 x 768	60Hz	49.7kHz	○
	1280 x 1024*	60Hz	63.9kHz	○

*Compressed display

Accessories

Power Code x 1, Remote Control Unit x 1, AA batteries x 2, Wiping Cloth x 1, Speed Clamps x 5, Display Stands x 2, Washers x 2, Hex Hole Bolts (M8x40) x 2, Remote Control Unit Holder x 1, Ferrite Core (for Power Code) x 2, Ferrite Core (for Audio Cable) x 3, Cable Bands x 2, User's Manual x1, Warranty x1

*Apple Macintosh is a registered trademark of Apple Computer, Inc. *IBM PC/AT is a registered trademark of IBM Corporation. *Microsoft is a registered trademark of Microsoft Corporation. *VESA is a registered trademark of Video Electronics Standards Association.

Pioneer

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JAB EMS Accreditation RE 005 — ISO 14001 JACO — 051

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

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Pioneer sound.vision.soul

XGA 42inch

Magnificent contrast and brightness.
Superlative picture quality.
Ease of use and functions for professional applications evolved to near perfection.
The ultimate in a professional plasma display
. . . from Pioneer.

PURE vision

42-Inch XGA Professional Plasma Display

PDP-425CMX

Industrial Plasma Timeline

1991
- Pioneer begins research and development of PDP

1992

1993

1994

1995
- Pioneer announces prototype of AC Type 40" PDP (4:3 VGA)

1996
- Pioneer announces working AC Type 40" PDP (4:3, VGA)

1997
- Pioneer releases 40" VGA (PDP-V400) for industrial monitor

1998
- Pioneer releases AC Type 40" PDP (PDP-V401)
- Pioneer releases PDP-501MX (16:9, wide XGA—two industry firsts (worldwide) = 50" & XGA panel)
- Pioneer introduces first high-definition flat panel
- Pioneer introduces first 50" WXGA model

PDP-501MX

1999
- Pioneer releases PDP-502MX (16:9 Wide XGA) that has Encased Cell Structure (industry first), Advanced Continuous Emission (industry first)

PDP-502MX

2000

2001
- Pioneer introduces first flat panel with Deep Encased Cell Structure
- Pioneer provides first expansion slot for PDP
- Pioneer introduces first WHQL-certified PDP monitor

PDP-503CMX

2002
- Pioneer introduces first PDP 43" XGA model

PDP-433CMX

2003

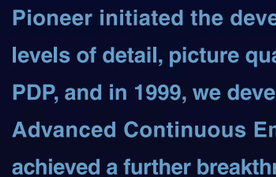
2004
- Pioneer introduces first PDP with over one billion colors

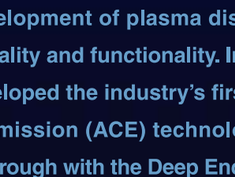
PDP-434CMX

PDP-504CMX

The history of Plasma Display Panel (PDP) technology is the history of Pioneer PDPs. And now an exciting new page is added to this story — the PDP-425CMX!

Pioneer initiated the development of plasma displays in 1991, and has worked ceaselessly to achieve higher levels of detail, picture quality and functionality. In 1998, we introduced the world's first 50" WXGA PDP, and in 1999, we developed the industry's first Encased Cell Structure panel and Advanced Continuous Emission (ACE) technology. Then in 2001, we achieved a further breakthrough with the Deep Encased Cell Structure. In terms of functionality, we were the first to provide expansion slots for professional applications and to be certified by Microsoft's WHQL (Windows Hardware Qualification Labs). We continue to set the pace with product innovations, such as introducing a dual-slot expansion terminal in 2004, to maintain our top position in the PDP field, with rivals following our lead. Now 2006 marks the debut of the PDP-425CMX, the result of our obsession with improving plasma display quality through innovative technologies. It displays images with a new level of brilliance, as well as exceptional depth. Its drive technology was developed especially for professional use. And it has a full complement of advanced functions. The PDP-425CMX: a magnificent new addition to the history of the plasma display.





PURE vision

42-inch XGA Professional Plasma Display **PDP-425CMX**

Pioneer's plasma displays were the industry's first to receive Microsoft's Windows® Hardware Qualification Labs (WHQL) certification of compliance. The PDP-425CMX continues this tradition by providing Plug & Play drivers to support Microsoft® Windows and other operating systems.

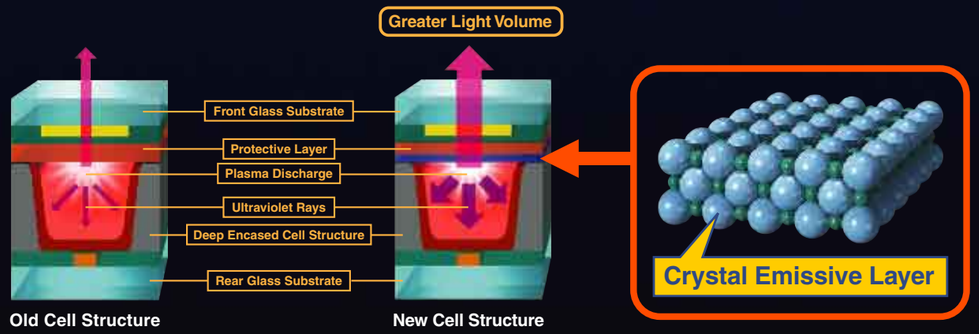
*Compatible with Microsoft Plug & Play (VESA DDC 1/2B)

PURE BLACK PANEL

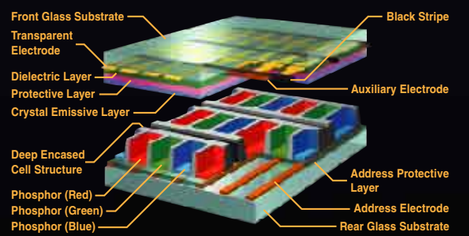
Achieves the dual goals of higher brightness and greater contrast.

PDP image quality takes another impressive step forward with Pioneer's new Pure Black Panel. In addition to our exclusive Deep Encased Cell Structure, it uses another breakthrough technology called Crystal Emissive Layer to achieve luminous efficiency that is much higher than the previous model. The result is unprecedented high brightness of 1,400cd/m² (peak/panel) and greatly improved dark-area contrast. Blacks are blacker, while light areas maintain their true brightness values. Bright-area contrast is also significantly higher, meaning that the PDP-425CMX will provide conspicuous, effective displays in bright places such as shopping malls, event venues and showrooms.

Comparison of Old and New Cell Structure



PURE BLACK PANEL



■ 1,400cd/m² brightness allows effective displays even in bright stores.

■ Thanks to the extremely high contrast, during meetings even small text on the screen is clearly visible.

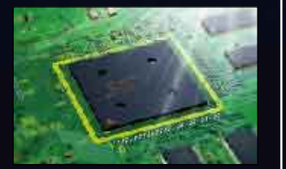
Masaaki Nishio
General Manager
Engineering Department 3, PDP Product Engineering Division, Home Entertainment Business Group, PIONEER CORPORATION

The PDP-425CMX was developed to maintain Pioneer's tradition of strong professional products, and to further improve PDP performance and reliability for professional applications. Believing that it was essential to improve the quality of both moving and still pictures in order that the product be compatible with a variety of uses and signals, we also strived to achieve the goal of giving it the industry's most powerful signal processing engine. We adopted a 12-bit digital high performance one chip drive for the Pure Drive Pro signal processing engine in order to develop a scaling circuit optimized for PDP. It realizes outstanding image expansion processing capability and high resolution imaging performance, allowing high picture quality display of all kinds of signals as well as extensive video wall functions. In addition to the ability to provide high quality display of main and sub screens via a Dual Screen function, another goal was to achieve a Dual Screen function unavailable from other companies for superior ease of use and extended applications. We therefore developed a new panel that can display two images with the highest possible quality. We utilized our expertise and resources to their full capacities in the development of this product, and offer it to our customers with complete confidence.

NEW PURE DRIVE PRO

Superb picture quality designed for professional applications.

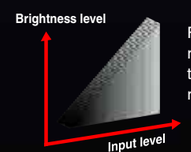
High efficiency and the best possible picture quality have been achieved by mounting the color management, scaling, GUI mix and other image processing technologies on a single chip that we developed exclusively for our professional monitors. Scaling performance, a vital factor for professional monitors, has been improved to ensure that even high resolution signals are reproduced with minimal data loss. In addition, ACE IV technology enables the panel to accurately reproduce high level gray scale for each color. The panel instantly identifies the type of image being shown (fast- vs. slow-motion scenes, dark vs. light scenes) and dynamically optimizes the distribution of color gradation.



New ACE IV (Advanced Continuous Emission IV)

Previous Model

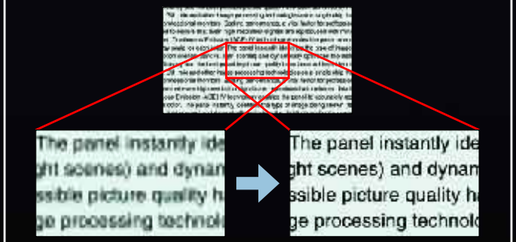
PDP-425CMX



Further enhanced reproduction in the low brightness range

Superior scaling performance

Even when the image is expanded by video wall or point zoom functions, the PDP-425CMX displays detailed information with extreme clarity.



Ordinary PDP-425CMX

Dual Screen Function: Upgraded for professional use.

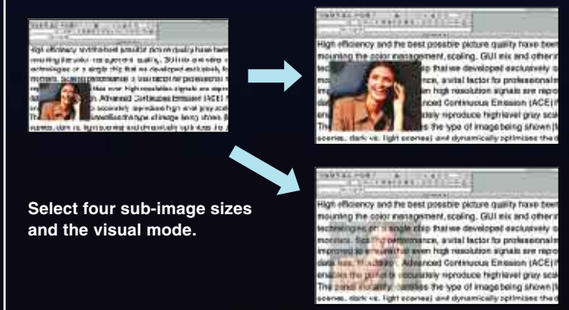
The new Pure Drive Pro image processing engine greatly improves processing of not only the main image, but also the sub-image in dual image mode. As a result, a variety of dual-image displays not previously possible can now be shown, allowing presentations and product promotions that are impressive and persuasive.

Standard Dual Screen Mode

Remote control operation permits the use of Picture-in-Picture (P-in-P) and Side-by-Side modes. With P-in-P you can shift the position of the sub-image among four locations. Side-by-Side switches between the left and right images, and in addition to the swap function, you can also switch the audio via remote control.

Intelligent Dual Screen Mode

The P-in-P mode permits a number of display variations. You can select four sizes of P-in-P sub-images and you can set the transparency of the sub-image from 0 to 80%.

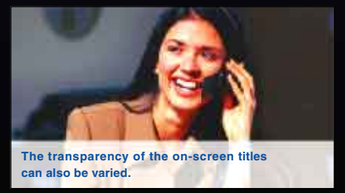


Select four sub-image sizes and the visual mode.

Banner PIP mode displays on-screen titles

You can easily display titles prepared in PowerPoint® presentation software or other programs on the screen. You can choose four positions for the titles: top, medium top, medium bottom, and bottom. The transparency of the on-screen titles can also be varied.

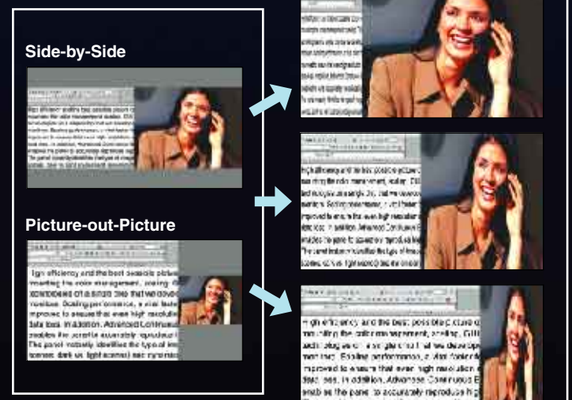
* PowerPoint is a registered trademark of Microsoft Corporation.



The transparency of the on-screen titles can also be varied.

Upgraded Side-by-Side mode

You can switch easily between Side-by-Side and P-out-P modes with the Integrator Menu. It is also possible to select three horizontal aspect ratios for dual image, full screen display.



Sub-Image Detection

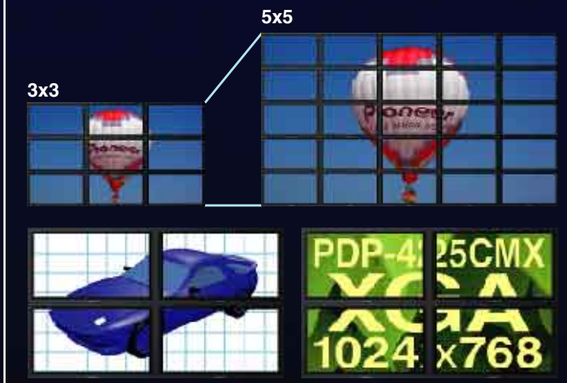
If the sub-image input signal is lost during P-in-P display, this mode shuts off, and is automatically selected again when the signal is restored (operates only with P-in-P mode).

Tomohisa Fujita
Senior Assistant Manager
Designing Section 1, Engineering Department 3, PDP Product Engineering Division, Home Entertainment Business Group, PIONEER CORPORATION

Pure Drive Pro provides extremely high scaling performance. By taking maximum advantage of this, we succeeded in incorporating high-performance functions not previously available. These new functions were developed based on our desire to provide ease of use from the customers' perspective and practicality in real-world situations. Concerning the Dual Screen function, we broadened its possible applications so it can be used not only in offices, but for uses such as digital signage, and made it simple enough that anyone can use it skillfully. We improved the Video Wall function by adding Power on Delay, Auto ID and other convenient, practical functions. We also succeeded in incorporating a Seamless Orbiter, which is a completely new idea, and other carefully designed features only possible from Pioneer. I am confident that customers will find this product to be extremely reliable and I hope they will take full advantage of its capabilities.

Video Wall can display up to 25 images.

Pioneer makes it easy to configure multi-monitor video walls. Possible configurations are 2x2, 3x3, 4x4 and 5x5. Two display modes are provided: Normal, for showing data and text, enlarges the image so that no elements are hidden by bezels, while Adjusted, for pictures and video, enlarges the image as a single whole unit, as though looking through a window. Video Wall functions include Power On Delay, ABL Link, Auto ID Setting and Repeat Timer. Video Wall is an internal function, not needing external processing equipment.



Adjusted mode

Normal mode

Power On Delay

This function automatically varies the powering up of each display to reduce the load on the power source.

ABL Link

The ABL (Auto Brightness Limiter) Link function sets the brightness of each display at a uniform level (operates only with 2x2 and 3x3 configurations).

Auto ID Setting

Automatically sets an ID for each display connected via a combination control cable to permit simpler error-free setting (operates only with 2x2 and 3x3 configurations).

Repeat Timer

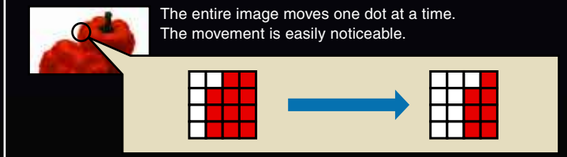
This function allows the repetition of two settings. For example, you can set the timer to display a video image on the full screen for three minutes, then a PC image divided into four screens for six minutes. This is continuously repeated (operates only with 2x2 and 3x3 configurations).

Pioneer's industry-first Seamless Orbiter alleviates burn-in

Conventional orbiter modes reduce ghosting by moving the displayed image by one pixel at regular intervals. Because viewers can notice the movement, it interferes with their viewing. The PDP-425CMX has an improved Seamless Orbiter function, which moves the entire image in extremely small steps of less than a pixel. The most effective orbiting pattern was adopted based on a variety of simulations, achieving the maximum possible mitigation of ghosting without viewers noticing the process.

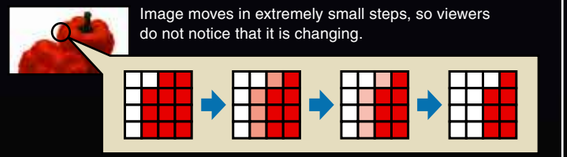
Conventional orbiter modes

The entire image moves one dot at a time.
The movement is easily noticeable.



Seamless Orbiter mode

Image moves in extremely small steps, so viewers do not notice that it is changing.



PIONEER PDP Features

High speed image switching for smooth displays and presentations

The PDP-425CMX has a high performance dual image processing function that switches from one input image to another at the high speed of approximately 0.4 seconds. This ensures smooth, comfortable viewing of displays at exhibition halls or event venues and presentations in offices.

Dual Image Freeze displays stills of new images as small images

Image Freeze temporarily freezes a displayed image. The still image can be the sub-image in P-in-P mode or the left-side image in Side-by-Side mode. You will find this function to be convenient during presentations or meetings.

RS-232C status feedback

When a command is transmitted from a control device to the PDP via the RS-232C interface, the PDP returns its status. This not only permits remote confirmation of current PDP status, it can also specify the cause of errors, should they occur, speeding up service response. The PDP-425CMX provides high control capacity: combination connections, variable baud rate setting, acknowledge function and more.

- **Serial number information**
- **Product model name**
- **Hour meter**
- **Interior temperature information**
- **Power on/off information**
- **Input signal information**
- **Cause of error**

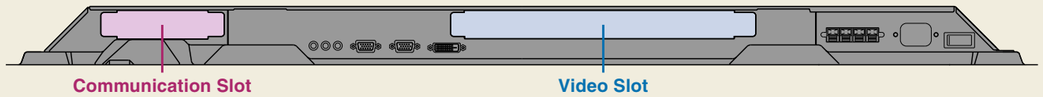
Programmable Timer allows control of designated functions according to a schedule

You can take advantage of a convenient weekly timer and seven programmable functions including power on/off, input selection, and activation of image burn-in reduction modes.

Expandability to Meet a Wide Variety of Present and Future Needs — ES* Card Slot Interface

* Expansion Solutions

The PDP-425CMX is designed to be ready for any type of application with the integration of two ES Card Slot interfaces, one for communication and one for enhanced data. It comes supplied with a removable communication card that includes RS-232C and combination I/O interfaces. The second slot may optionally be used to enable video capabilities through the input of a wide range of analog or digital signals, with additional control. This means that one PDP-425CMX can be used for multiple tasks, including various applications that other PDPs can't handle. You have extensive flexibility right out of the box, and it is also ready for additional needs that may arise in the future. Pioneer's "Expansion Solutions" are one more reason why the PDP-425CMX should be your first choice for a professional plasma display.



Options

BNC Connector Interface Card

PDA-5003

■ VIDEO INPUT/OUTPUT 3.58NTSC, 4.43NTSC, PAL, SECAM, PAL-N, PAL-M

		Connector	Signal	Level/Impedance
INPUT3	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)
INPUT4	IN	BNC	Composite Video Signal	1Vp-p/75Ω
	OUT	BNC	Composite Video Signal	75Ω
INPUT5	IN	BNC x 5	Analog RGB Signal (Video or PC Signals) (Compatible with G on Sync)	RGB: 0,7Vp-p/75Ω 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 (75% saturation)

■ AUDIO INPUT/OUTPUT

	Connector	Level/Impedance
AUDIO INPUT(INPUT3/4)	RCA pin x 2	L/R: 500mVrms/more than 10kΩ
AUDIO INPUT(INPUT5)	RCA pin x 2	L/R: 500mVrms/more than 10kΩ

RCA Connector Interface Card

PDA-5004

■ VIDEO INPUT/OUTPUT 3.58NTSC, 4.43NTSC, PAL, SECAM, PAL-N, PAL-M

		Connector	Signal	Level/Impedance
INPUT3	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)
INPUT4	IN	RCA	Composite Video Signal	1Vp-p/75Ω
	OUT	RCA	Composite Video Signal	75Ω
INPUT5	IN	RCA x 3	Component Video Signal	Y: 1Vp-p/75Ω Pb/Cb, Pr/Cr: 0,525Vp-p/75Ω (75% saturation)

■ AUDIO INPUT/OUTPUT

	Connector	Level/Impedance
AUDIO INPUT(INPUT3)	RCA pin x 2	L/R: 500mVrms/more than 10kΩ
AUDIO INPUT(INPUT4)	RCA pin x 2	L/R: 500mVrms/more than 10kΩ
AUDIO INPUT(INPUT5)	RCA pin x 2	L/R: 500mVrms/more than 10kΩ

Five Pro modes allow image adjustment for professional applications

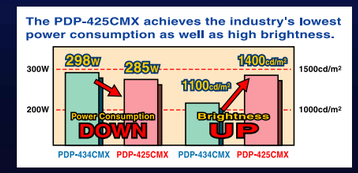
- **Under-Scan:** Displays input video signals without modification.
- **Color-Off:** Removes color information for optimum display of black and white signals.
- **Still Image Processing:** Suppresses movement to display still images accurately by varying movement detection processing.
- **Pure Image:** Displays images as close as possible to the original signal with no image processing except I/P conversion.
- **High Contrast mode:** Uses special dynamic range expansion to make images more vivid.

Numerous image burn-in alleviation modes

- **Side mask brightness adjustment:** Adjusts side mask brightness during 4:3 image display.
- **White signal display:** Displays white over the entire screen. This restores ghosted locations to their former condition.
- **Screen reversal display:** Restores ghosting by reversing the colors of the area where ghosting occurs.
- **Soft focus:** Blurs the edges of the image, making ghosting difficult to see.

Low power consumption and four energy saver modes

This PDP-425CMX achieves the industry's lowest power consumption of 285W thanks to the high light emission efficiency of the new Pure Black Panel. Four energy saver modes contribute to further low power consumption: Power Save, Intermediate, Linear Brightness, which decreases the peak intensity of high-brightness images, and Auto Brightness Control, which automatically adjusts panel brightness depending upon room lighting.



Other Features

- **Large GUI Display • Frame Rate Conversion mode • Display Call**
- **Point Zoom • Intelligent Auto Setup • Color Detail Adjustment**
- **Smart Cooling System • Vertical and Left to Right Reversal Modes**
- **Priority Input Mode • Layered Key Lock**
- **Retake Specialized Color Temperature Switching Function**
- **OSD Off • LED Off • Memory Lock**

Joshua Kairoff

Director
Display Product Planning, Home Entertainment Division
PIONEER ELECTRONICS (USA) INC.

Pioneer's Expansion Solutions card slot technology is the best way to get exactly what you need in a professional plasma display, now and in the future. Rather than limit cards to what any one company can develop, Pioneer's Expansion Solutions cards are made by industry leading manufacturers who are experts in their fields. Pioneer plasmas are built for many years of service and with Expansion Solutions cards, they will always be at the cutting edge of technology.

Pioneer Certified Third Party Expansion Solution Cards*

IP Link™ Interface Module
Extron® Electronics
IPL M PDP-ES

This compact ethernet control card enables IP-based remote control, proactive monitoring, and troubleshooting.

I/O	Connector	Signal
LAN	RJ-45	10Base-T, half/full duplex with autodetect
		1200, 2400, 4800, 9600, 19200, 38400 baud (adjustable)
RS-232	D-sub 9-pin	8data bits, 1 stop bit, no parity

For more information: Extron Electronics
1230 South Lewis Street, Anaheim, CA 92805 USA
Tel: 800-633-9876 or 714-491-1500 Fax: 714-491-1517
URL: http://www.extron.com

Integrated Analog CAT-5 Receiver
Magenta Research
MultiView™ AK1000PDP

Enables high resolution video distribution over CAT-5/UTP. Signals can be transmitted over longer distances.

Maximum resolution: 1920 × 1200 @ 60Hz (From 0 ft. to 1000 ft.)
Video compatibility: RGBHV, RGsB, NTSC, PAL

I/O	Connector	Signal
Link IN	RJ-45	MultiView format Video and Serial Data
Link OUT	RJ-45	The UTP signal to be daisy-chained (6 PDP)
Optional OUT	HD9	Full Modem serial option
Optional Audio	RCA x 2 (L+R)	Audio

For more information: Magenta Research, Inc.
934 Federal Road, Brookfield, CT 06804 USA
Tel: 203-740-0592 Fax: 203-740-0596
URL: http://www.magenta-research.com

HDSDI Digital Video Interface
Alcorn McBride
PDP HDSDI™

Allows the PDP to connect directly to professional quality broadcast equipment or any other device with SMPTE-292M and SMPTE-259M output capability.

I/O	Connector	Signal
Input	BNC	SMPTE-292M and SMPTE-259M
Loop Through	BNC	Buffered & Re-clocked SMPTE-292M loop through
Analog Input	Mini D-sub 15-pin	RGBHV/YPbPr component TriLevel or BiLevel sync

For more information: Alcorn McBride Inc.
3300 S.Hiawassee Road, #105, Orlando, FL 32835 USA
Tel: 407-296-5800 Fax: 407-296-5801
URL: http://www.alcorn.com

*Third party Expansion Solutions cards are not Pioneer products and are subject to each manufacturer's own warranty.

Pioneer Plasma Displays provide countless ways to maximize your investment and gain attention. They are ideal for a wide variety of professional applications and are quickly becoming the de facto standard for other companies to follow. Pioneer's superior brightness, sharpness and color accuracy make our plasmas the perfect fit for many well-lit environments found in most professional type installations. Whether you are choosing a plasma display for a lobby, conference room, point of information or public display, trust the leader in plasma technology and choose Pioneer.

Pioneer Plasma Displays fit seamlessly and elegantly into corporate offices. They can be used in lobbies, conference rooms, common office areas or even open meeting areas and are highly effective tools in business.

Electronic advertising, promotions or up to date product information can be easily displayed and read by customers on a Pioneer Plasma Display in retail environments.

Pioneer Plasma Displays can be used in control room type applications where space is a premium. Important information can be easily read and monitored with wide viewing angles and bright, sharp images.

Public information displays are gaining popularity using Pioneer Plasmas. High visibility combined with leading-edge Pioneer Plasma technology, make this venue a perfect fit. Get their attention, convey your message and make an impression, all with the help of Pioneer Plasma Displays.

We did a lot of research on the subject, and decided to go with Pioneer. We added six Pioneer HD Plasmas to our bar at Beaver Creek Mountain in Avon, Colorado, and feel that it is the best improvement to our business. We saw a direct 15% increase in sales immediately. The picture is so unbelievable that our customers cannot stop looking at it. It is honestly jaw dropping. There is absolutely no substitute. The images are so clear and crisp. Aside from the quality of the screen, the look and appearance mounted on the wall is spectacular. The 43" Pioneer Plasma Displays, with their clean lines, have added class and elegance to our decor. The Pioneer Plasma screens have put us far in front of our competition, and we are looking to add more. If you haven't seen one live, you definitely need to, because words alone cannot describe how gorgeous these displays are.

Chris & Bob Doyle
Owners and Operators
Bob's Place
Avon, CO

Options

Optional Side-Mount Speakers
PDP-S44-LR
Maximum input 30W/6 ohms
Dimensions (WxHxD)
3-17/32" x 24-1/32" x 3-23/32" (90 x 610 x 94.4 mm)
Weight 4 lbs. 3 oz (1.9 kg)(one unit)

Tabletop Stand
PDK-TS01
Dimensions (WxHxD)
22-9/32" x 20" x 13-11/32" (566 x 508 x 339 mm)
Weight 8 lbs. 13 oz (4.0 kg)

PSA-1
ADJUSTABLE HEIGHT
SUSPENSION ADAPTER

PCA-1
1-1/2" NTP (SINGLE)
CEILING ADAPTER

PSA-2
ADJUSTABLE HEIGHT
SUSPENSION ADAPTER

PCA-2
2" NTP (DUAL)
CEILING ADAPTER

PDWB -5003
FLAT WALL MOUNTING
BRACKET

PWM -503
TILTING WALL MOUNTING
BRACKET

PWM-F110
UNIVERSAL
WALL MOUNT
BRACKET

*These products are offered for sale only in the US market and may not be suitable for use in other regions. The products are not Pioneer products and are subject to the manufacturer's own warranty.
*These items have been produced by Progressive Marketing Products, Inc. If you need further information please call 1-800-368-9700 or access to http://www.pmpi.com.