

PDP-425CMX FAQs

Below are general questions and answers about the Industrial Plasma Display Panel, PDP-425CMX. For additional or detailed information, refer to the operating instructions shipped with your player or go to the Pioneer website at www.pioneerelectronics.com

1) What are the advantages of Plasma displays over LCD?

Plasma displays have a wide viewing angle with less distortion and better clarity. Due to patented Deep Incased Cell Structure technology, the Pioneer plasma display panels produce clean lines while protecting from ghosting on fast motion images. Some LCD and other display products show jagged lines and ghosting on motion video and graphics.

Plasma panels are an emission device producing truer colors with better low video black. Pioneer's Pure Black panel combining Deep Encased Cell Structure and our Crystal Emissive Layer results in unprecedented high brightness and greatly improved dark area contrast (better blacks). Blacks are deeper while light areas maintain their true brightness and color.

2) What is the rating on this Pioneer plasma display model?

Plasma displays are rated for at least **60,000 hours to half luminance***, based on laboratory testing.

** Sixty thousand hours (20 years at 8 hours per day) is an approximate time for the display panel to reach half of its original luminescence. This approximation may vary depending on source and type of content, settings, environment and use. This approximation does not provide or imply any warranty beyond the manufacturer's standard limited warranty.*

3) What is burn in and how does it affect a PDP-425CMX?

Burn-in or Image Retention is a side effect of plasma technology. When an image remains on the display for an extended time period, when the image changes or the unit is turned off, a faint afterimage or ghost of the original picture can remain. Continuing to play video or leaving the unit turned off for a length of time can clear the afterimage.

The PDP-425CMX provides a number of features to alleviate burn-in. First the PDP-425CMX has an improved seamless orbiter function that moves the entire image in extremely small increments of less than one pixel. This seamless orbiting system adopts a pattern based on a variety of simulations so that viewers are not aware of the process. Second is a Soft Focus feature with five settings. Using Soft Focus softens the contrast at an image's edges. Lastly, using Pioneer Deep Encased Cell Structure, the amount of energy use to fire a plasma cell is much lower than that of other manufacturers' plasma panels. Using less energy means that the panel avoids burn-in.

4) **Are the mounting holes in the same locations as on the earlier Pioneer panel, PDP-434CMX?**
Yes mounting holes are the same size and in the same pattern as on the Pioneer PDP-434CMX.

5) **What is the PDP-425CMX's contrast ratio?**
The PDP-425CMX's contract ratio is 3000:1.

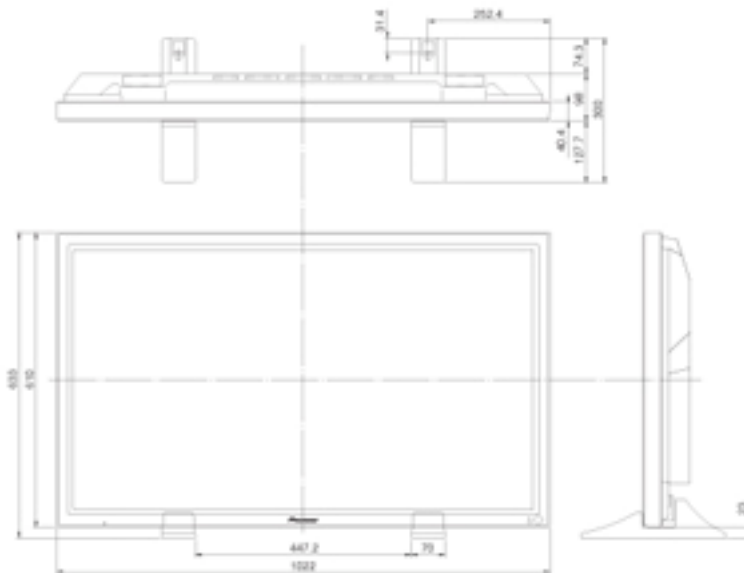
6) **Why do I get distortions when I feed Standard Definition or High Definition video through an input, (Input 1 or Input 2)?**
The PDP-425CMX's signal option needs to match your selection. Follow the directions below to change the signal.

1. Access the Main Menu on the PDP-425CMX.
Press the MENU button on the remote or on the display's command panel.
2. Select the SETUP tab.
3. Scroll to SIGNAL FORMAT on this submenu.
4. Use the arrow buttons to find the correct signal.
5. Press the SET button to change the signal.
6. Press the MENU button to exit the system.

For more information, refer to the PDP-425CMX operating instructions, page 17.

Note: If you are using a Pioneer video card, PDA-5003 or PDA-5004, you can also experience distortion when using input 3, input 4, or input 5. Follow the directions above to correct this issue.

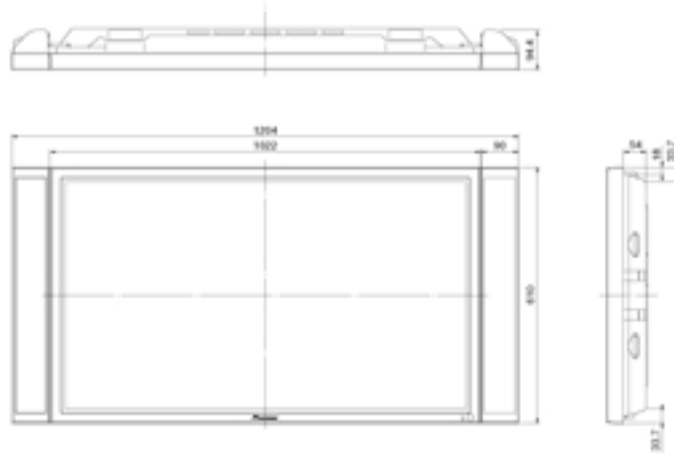
7) **What are the PDP-425CMX dimensions when using the supplied stand?**
When the PDP-425CMX is installed using the included panel stand, the overall dimensions are 24.92" H x 40.24" W x 11.81" D (mm: 633H x 1022W x 300D).



For additional details, refer to the PDP-425CMX Technical Manual, page 49.

8) What are the dimensions of a PDP-425CMX with the PDP-S44LR speakers mounted?

With the PDP-S44LR speakers installed, the overall dimensions are 24.02" H x 48.82" W x 3.45" D (mm: 610H x 1240W x 87.7D).



For additional details, refer to the PDP-425CMX Technical Manual, page 89.

9) Where do I find the PDP-425CMX's system information?

To view the panel's full system information, press and hold the remote control's **Display** button or the *Display* button on the plasma's command panel for approximately three (3) seconds. The information revealed is as follows:

- Plasma Display Panel's serial number
- Lot/Date that the unit was manufactured
- Hour Meter for time in use
- Temperature for the ambient range in the unit's immediate area
- On Screen Display (OSD) status
- Baud Rate
- Fan Control setting
- ID number set
- Color information

For more details, refer to the PDP-425CMX's Technical Manual, page 112.

10) How do I set up a Video Wall using PDP-425CMXs?

Pioneer engineers wrote a Product Information Bulletin (PIB) about setting up a Video Wall with multiple PDP-425CMX plasmas. Please read or download [PIB#351403](#) from the Pioneer website: www.pioneerelectronics.com

11) Is a video card, PDA-5003 or PDA-5004 required to display a video signal when using the DVI or RGB inputs?

Yes a video card PDA-5003, PDA-5004 or expansion solution card is required to unlock the PDP-425CMX to display video correctly.

12) How do I get into the PDP-425CMX's "INTEGRATOR" menu?

To access the Integrator menu, follow the directions below.

1 - Press the **Display** button on the remote control.

Screen changes to "DISPLAY CALL 1"

2 - Press the **Display** button on the remote control again.

Screen changes from "DISPLAY CALL 1" to "DISPLAY CALL 2"

3 - Press the **MENU** button on the remote control.

Screen changes to the Integrator menu

For more information, refer to the PDP-425CMX's Technical Manual, page 115.

13) Why is there nothing on the screen when I feed a PC or video/ HD video signal through the PDP-425CMX's Input1, Input 2, (input 3, input 4, or input 5 if a Pioneer PDA-5003 or PDA-5004 Video Card is installed)?

If there is no display, verify that the proper Input is selected. Press the **Input** button on the remote control or the unit's control panel to cycle through the input options.

Another possibility could be that there is no signal reaching the plasma panel. Press the **Display** button on the remote control or the unit's control panel. If the message, "No Signal" appears on the *Display Call 1* screen, check that a signal is being sent from the source.

For input details, refer to the PDP-425CMX operating instructions, pages 18-19.

14) Why is the picture off center and/or not crisp when I feed a PC signal through the PDP-425CMX's input1 (or input 2)?

Depending on your configuration, you may need to reset the plasma's **Auto Setup** function. For instructions on how to reset this function refer to the PDP-425CMX operating instructions, pages 31 through 32.

15) When using the Component, DVI, or RGB inputs, why is the displayed picture green?

With the remote control use the Menu button to open PDP-425CMX Menu. Use the right navigation button and choose Setup. Then use the down navigation button, selecting Color Decoding. If the value is RGB, change the setting to Comp. 1 if your input device output is Y/Cb/Cr. For devices with output of Y/Pb/Pr, set Color Decoding to Comp. 2. If the value is either Comp. 1 or Comp. 2, change Color Decoding to RGB.