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Before Use

Before operating the monitor, please read this manual thoroughly. This manual should be retained for future reference.

FCC Class B Radio Frequency Interference Statement WARNING: (FOR FCC CERTIFIED MODELS)

NOTE: This equipment has been tested and found to comply with the limits residential installation. This equipment generates, uses and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

1. Reorient or relocate the receiving antenna.
2. Increase the separation between the equipment and receiver.
3. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

OPEN THE PACKAGE:

- The product is packaged in a carton together with other standard accessories. Any optional accessories shall be packed separately in another carton.
- The weight of the Plasma Display is approx. 36 kg. Due to the size & weight of the product, it is recommend that it is moved by a minimum of 2 people.
- The protective glass and the glass substrate are installed on the front of the product. Since both glasses can be broken and scraped easily, move the product gently. Never place the unit with the glass facing downwards unless it is protected with pads.
- When opening the carton, check that the product is in good condition and that all standard accessories and items are included.
- Whenever possible, use the handles on the back of the Display for transport.

INSTALLATION:

- A specified technician from the distributor or authorised agent should always install the product, otherwise the warranty may become void.
- [The power consumption of this device is 320W ,always use the jack exclusively designed for this product. If an extended line is required, please consult with your service agent.](#)
- The product should be installed on a flat surface to avoid tipping. The distance between the back of the product and the wall should be maintained for proper ventilation.
- Avoid installing the product in the kitchen, bathroom or any other places with higher humidity so as not to shorten the service life of the electronic components.
- Please ensure the product be installed horizontally, any 90° clockwise or counterclockwise installation may induce poor ventilation and subsequent component damage.
- To protect the screen and avoid screen burn, do not hold on a static picture for a long time.
- [In order to receive the most consummate warranty, installation has to be done by the professional technician from dealer or authorized distributor.](#)

NOTICE:



1. The changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
2. Shielded interface cables and AC power cord, if any, must be used in order to comply with the emission limits.
3. If the PDP monitor displays a fixed pattern on the screen for extended periods of time, it could make the differences of brightness and chromaticity between fixed pattern area and other areas. This is because the brightness of fixed pattern area becomes lower than the other areas due to degrading of the phosphor, but this phenomenon is not failure.

Safety Precautions




Safety of operators has been taken into consideration at the design and manufacture phase, but inappropriate operation may cause electric shock or fire. To prevent the product from being damaged, the following rules should be observed for the installation, use and maintenance of the product. Read the following safety instructions before starting the operation.

Symbols







Various symbols are used in this Installation Manual for the safe and proper use of the product as well as preventing any injury or damage to persons or property. These symbols and their meanings are described below. Please have a good understanding of these matters before reading the main text of the manual.

WARNING		Ignoring this indication and improper handling could be the cause of personal injury such as a serious injury or death.
CAUTION		Ignoring this indication and improper handling could cause injury to a person or damage to the surrounding household belongings.







Examples of Symbols

	This symbol informs that there are contents that demand caution (including warnings) . Concrete details of the caution are written within the diagram.
	This symbol indicates a prohibited matter. Concrete details of the prohibition are written within the diagram.
	This symbol indicates something that must be done . Concrete details of the prohibition are written within the diagram.








WARNING

	Be sure to have the Plasma Display installed by your store of purchase following the instructions in this manual. If installed incorrectly, the Plasma Display could tip over, resulting in injury.
	To ensure safety, tighten bolts and screws securely. Failure to do so could cause the Plasma Display to tip over, resulting in injury.
	Do not modify parts. Doing so could cause the Plasma Display to tip over, resulting in injury.
	Do not use damaged parts. Doing so could cause the Plasma Display to tip over, resulting in injury. If a part should be damaged, contact the store of purchase.
	The units are exclusively for use only with the Plasma Displays. Do not mount them on other devices. Doing so could cause the device to tip over, resulting in injury.
	Do not install the product on sloping or unstable: The product may drop or tip over.






! WARNING

	<p>Keep the product away from moisture: Do not expose this appliance to rain or moisture. If water penetrates into the product, stop the operation; unplug the connector and contact with the Service Center. Continuous use in this case may result in fire or electric shock.</p>
	<p>Do not place any objects on the top of the product: Spilled water or metal objects may cause short circuit, fire or electric shock if they penetrate into the housing of the product.</p>
	<p>Never use a damaged power cord: Heavy objects, heat or tensile force may damage the power cord and cause fire or electric shock.</p>
	<p>Do not change or open the back cover: Removing the back cover of the product may cause fire or electric shock. Contact the Service Center when inspection or adjustment is required.</p>
	<p>Do not use the product if any abnormality occurs: If any smoke or odor becomes apparent, unplug the connector and contact the Service Center immediately. Do not try to repair the product by yourself.</p>
	<p>Avoid using dropped or damaged appliances: If the product is dropped and the housing is damaged, the internal components may function abnormally. Unplug the connector immediately and contact the Service Center for repair. Continuous use of the product may cause fire or electric shock.</p>
	<p>Do not touch the power cord during lightning: To avoid electric shock, avoid handling the power cord during electrical storms.</p>

! NOTES

	<p>Do not obstruct the Plasma Display's ventilation holes. If the ventilation holes are covered, the heat will build up inside, and this could lead to fire. For example, do not install the Plasma Display in narrow spaces where ventilation is poor, do not place covers over it, etc.</p>
	<p>Do not install the Plasma Display near air conditioner air outlets or in places where vibrations are strong. Doing so could lead to fire or electric shock.</p>
	<p>Do not install the Plasma Display in humid or dusty places or places exposed to soot or vapor (such as in kitchens, near humidifiers, etc.). Doing so could lead to fire.</p>
	<p>When installing the Plasma Display, leave sufficient space around it, as shown in the diagram. Failure to do so could cause heat to build up inside, leading to fire or electric shock.</p>
	<p>Hold the Plasma Display securely when mounting the units on it. Failure to do so could cause the Plasma Display to fall, resulting in injury.</p>
	<p>When installing the Plasma Display on a stand with casters, be sure to block the casters. If the stand should move, the Plasma Display could fall, resulting in injury.</p>
	<p>The Plasma Display is heavy, so be sure to install in a stable place and take measures to prevent it from tipping over and causing injury. The Plasma Display has a high center of gravity. It should be unpacked and moved by a minimum of two people, holding it at the top and bottom. Failure to do so could cause the Plasma Display to fall, resulting in injury.</p>

! NOTES

	<p>Do not install the product close to smoke or moisture: Fire or electric shock may be caused when the product is installed close to smoke or moisture.</p> <p>Do not installed the product in an area with heavy dust or high humidity: Fire or electric shock may be caused when the product is installed in a place with heavy dust or high humidity.</p>
	<p>Instructions for moving the product: Ensure that the power connector and any other leads are unplugged before moving the product.</p>
	<p>The power cable should be kept away from heat sources: The heat produced by any heat source may melt the covering of the power cable.</p>
	<p>Hold the power connector when removing the power cable: Pulling the power cable itself may damage the wires inside the cable and cause fire or electric shock.</p>
	<p>Do not touch the connector with wet hands: To avoid risk of electric shock.</p>
 	<p>Do not block or cover the vents: Blocking the vents may cause overheating and fire.</p> <p>Do not install the product in a place with little or no ventilation. Never cover the vents with towels, blankets or dusters.</p>

Unplug the connector

NOTES

Avoid dusty or humid rooms and rooms filled with soot or cigarette smoke.

The Plasma Display's screen could get dirty, resulting in poor picture quality.

Do not expose the screen to direct sunlight or strong artificial light.

If sunlight or light should shine on the screen, the screen will appear white and be hard to see.

Do not install in places where the temperature is high or low.

Doing so could result in damage.

Additional fall prevention measures.

To protect the Plasma Display from tipping over due to earthquakes or shocks, fasten the two safety fittings to the screw holes on the rear of the Plasma Display using the two safety fitting mount screws, then pass a commercially available rope through the fittings and secure the Plasma Display to a wall, pillar or other sturdy object using screws and nuts. (This when using the separately sold ceiling mount unit or wall mount unit.) While moving the Plasma Display, pay attention to the rope or chain that tags along the back of the Display.

Image Sticking:

The plasma monitor illuminates phosphor to display images. The phosphor has a finite illumination life. After extended periods of illumination, the brightness of the phosphor will be degraded to such extend that stationary images would burn-in that part of the screen as grayed-out images.

Tips to prevent such image sticking are:

- * Do not display images having sharp brightness differences or hi-contrast images, such as monochrome characters and graphic patterns for long.
- * Do not leave stationary images appearing for long, but try to refresh them at appropriate intervals of time, or try to move them using screen saver function.
- * Turn down the contrast and brightness control.



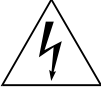

Note:

Such "Image Sticking" constitute misuse are NOT COVERED by the manufacturer's warranty.

Precautions

1. Read all safety instructions and the User Manual before using the product.
2. The safety instructions and User Manual should be maintained in good condition for future reference.
3. Unplug the power connector before cleaning the product. A wet cloth is sufficient for the cleaning of the product, never use liquid or spray cleaner for cleaning the product.
4. Always use the accessories recommended by the manufacturer to avoid any risk.
5. When moving the product from an area of low temperature to an area of high temperature, drops of water may condense on the housing. Do not turn on the Display immediately after moving so as not to cause fire, electric shock or component damage. Please wait for a period of time. The product will warm up to normal temperature and clear the condensation.
6. Do not install the product on unstable fixtures or stands. The installation of the product should be conducted in accordance with the instructions and using the support recommended by the manufacturer.
7. Do not remove the earthing pin on the power plug. The product is supplied with a three-pin earthing-type power plug, this plug will only fit an earthing-type power outlet. This is a safety feature, if you are unable to insert the plug into the outlet, contact an electrician. Do not defeat the purpose of the earthing plug.
8. Avoid overloading the power cord. Using extension cables or the cords of other appliances may cause fire or electric shock.
9. **If any of the following occurs please contact the qualified technician:**
 - The power supply or connector fails.
 - Liquid sprays or any object drops into the Display.
 - The Display is exposed to rain or other moisture.
 - **If the product doesn't function properly, you can only follow the instructions of the user manual to make adjustment. Any damage caused by improper adjustment would require even longer time for qualified technician to repair it.**
 - The Display is dropped or damaged in any way.
 - The performance of the Display changes substantially.
10. A distance of at least 1 metre should be maintained between the product and any heat source, i.e. radiator, heater, oven, amplifier etc.
11. The power cable must be replaced when using different voltage from that specified in the User Manual. For more information, contact your dealer.

For your safety reason

  <p style="text-align: center;">CAUTION RISK OF ELECTRIC</p> <p>CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER SERVICEABLE PARTS INSIDE, REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.</p>	 <p>The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated dangerous voltage within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.</p>  <p>The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.</p>
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Warning

To prevent fire or shock hazard, do not expose this appliance to rain or moisture.

Ventilation

There should be at least 10cm space between the top, rear and sides of the monitor.

Power requirements

Power requirements for electrical appliances differ from area to area. Please ensure that your appliance meets the power requirements in your area.

Remove the power plug from the AC power outlet when not using the monitor for a long period of time.

Make your contribution to protect the environment

Used batteries with the ISO symbol for recycling as well as small accumulators (rechargeable batteries), mini-batteries(cells) and starter batteries should not be thrown into the garbage can. Please leave them at an appropriate depot.



INSTRUCTIONS PERTAINING TO A RISK OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS.

WARNING-When using electric products, basic precautions should always be followed, including the following:

Read Instructions-All the safety and operating instructions should be read before the appliance is operated.

Retain Instructions-The safety and operating instructions should be retained for future reference.

Heed Warnings-All warnings on the appliance and in the operating instructions should be adhered to.

Follow Instructions-All operating and using instructions should be followed.

Water and Moisture-This appliance should not be used near water - for example, near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool, and the like.

Carts and Stands-Do not place this appliance on an unstable cart, stand, tripod, bracket, or table. The appliance may fall, causing serious injury to a child or adult and serious damage to the appliance. Locate the monitor on a firm, flat and stable surface.

An appliance and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the appliance and cart combination to over turn.

PORTABLE CART WARNING



Wall or Ceiling Mounting-Do not recommend mounting this appliance on a wall or from a ceiling.

Ventilation-This appliance should be situated so that its location or position does not interfere with its proper ventilation. For example: the appliance should not be situated on a bed, sofa, rug, or similar surface that may block the ventilation openings; or placed in a built-in situation, such as a bookcase or cabinet that may impede the flow of air through the ventilation openings.

Heat-This appliance should be situated away from heat sources such as radiators, heat registers, stoves, or other appliances (including amplifiers) that produce heat.

Power Sources-This appliance should be connected to a power supply only of the type described in the operating instructions of as marked on the appliance. If you are not sure of the type of power supply to your home, consult your appliance dealer or local power supply.

Power Cord Protection-Power supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs convenience receptacles, and the point where they exit from the appliance. Do not subject the mains lead to sharp bends, heat or chemicals. If the mains lead is damaged, disconnect it from the wall socket and have it checked by authorized service personnel.

Cleaning-Unplug this appliance from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaner. Use a damp cloth for cleaning.

Lightning or Nonuse Periods-For added protection for this appliance during a lightning storm, or when it is left unattached for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the appliance due to lightning and power-surges.

Object and Liquid Entry-Never push objects of any kind into this appliance through openings as they may touch dangerous voltage points do short-out parts that could result in a fire or electric shock. Never spill liquid of any kind on the appliance.

Damage Requiring Service-Unplug this appliance from the wall outlet and refer servicing to qualified service personnel under the following conditions:

- a. When the power-supply cord or plug is damaged.
- b. If liquid has been spilled, or objects have fallen into the appliance.
- c. If the appliance has been exposed to rain or water.
- d. If the appliance does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions as an improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the appliance to its normal operation.
- e. If the appliance has been dropped or the cabinet has been damaged.
- f. When the appliance exhibits a distinct change in performance this indicates a need for service.

Servicing-Do not attempt to service this appliance yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.

Overloading-Do not overload wall outlets and extension cords as this can result in a risk of fire or electric shock.

Replacement Parts-When replacement parts are required, be sure the service technician has used replacement specified parts that have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, or injury to persons.

Safety Check-Upon completion of any service or repair to this appliance, ask the service technician to perform routine safety checks to determine that the appliance is in safe operating condition.

Other-This product either alone or in combination with an amplifier and headphones or speakers, may be capable of producing sound levels that could cause permanent hearing loss. Do not operate for a long period of time at a high volume level or at a level that is uncomfortable. If you experience any hearing loss or ringing in the ears, you should consult an audiologist. Make sure the monitor is at room temperature before switching it on. Do not place anything on top of the monitor. Never touch the power cord's plug with wet hands. Always pull the power cord out by the plug, never by the cord. Use a household AC power source only. Never use a DC power source. Avoid using the monitor near appliances generating strong magnetic fields (non shielded stereo speakers for example).

Introduction

Introduction to the PT4231 Plasma Monitor

PT4231 is a seamless blend of cutting-edge visual technology and sophisticated design. At 42-inches, with a 16:9 aspect ratio, the PT4231 certainly makes a big impression. However, at a mere 4.3-inches/110 mm thin, the monitor's sleek techno-art lines blend in well with your environment. PT4231 crisp, vivid image quality will transform data from any graphic medium from PCs players-into art. And weighing only 79.4 lbs/36kg, it actually can be hung almost anywhere. **We have** made sure that a host of multimedia resources can be easily connected and displayed as brilliantly as intended on the PT4231 monitor.

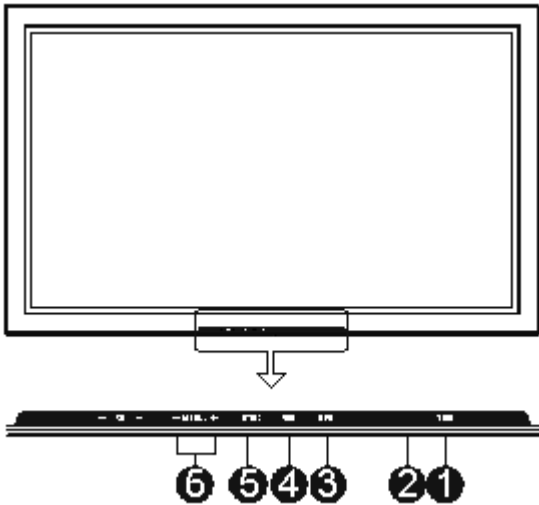
The features you'll enjoy include:

- 42-inch screen.
- 16:9 aspect ratio.
- 4.3 inch / 110 mm thin.
- **79.4 lbs/36kg in weight**
- High-resolution screen: 852×480 pixels.
- 160-degrees of off-axis viewing, horizontally and vertically.
- Flicker-and-warp-free display provides excellent image geometry even in screen corners.
- Not affected by magnetic fields, no color drifting or edge distortion.
- VGA, SVGA, XGA computer signal compatibility.
- Advance graphic scan conversion automatically converts VGA, SVGA, XGA and SXGA signals to the panel's native resolution.
- AccuColor control system provides user selectable on-screen color temperature settings.
- New Drive Technology.
- OSD menu-driven on screen control system that makes image adjustments a snap.
- [Languages \(English, French, Spanish\)](#).

Contents of the Package

- Plasma multimedia display.
- Power cord.
- D-Sub cable (Mini D-Sub 15-pin to Mini D-Sub 15-pin connector).
- User's manual.

Part Names and Function



1.	POWER
2.	POWER/Standby Indicator
3.	INPUT Select
4.	MENU
5.	SETTING
6.	ADJ. + , ADJ. -

Front View

1. POWER

Turn the monitor's power on and off.

2. POWER/Standby Indicator Window

When the power is on Lights orange.

When the power is standby Lights red.

3. INPUT Select

Switch the input in the following order.

DVI <=> D-sub 15 PIN

4. MENU

Sets the On-Screen Display (OSD) Menu mode and displays the main menu.

5. SETTING

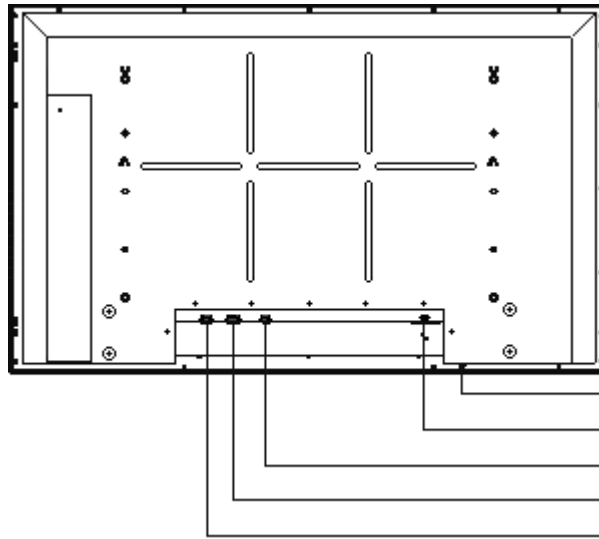
- In the on screen menu execute the selected highlight item or level setting

6. ADJ. + , ADJ.

- In the on screen menu mode:
 - Highlight the submenu or item you wish to enter
 - Adjust the level or change the setting of the selected item

Installation

Rear View



MAIN POWER SWITCH
AC IN
RS-232C
DVI (29pin)
D-sub RGB

MAIN POWER SWITCH

Turn on/off the AC power.

AC IN

Connect the included power cord here.

RS232C

Only use in factory.

DVI (29pin) INPUT

Input for a digital RGB signal (TMDS).

D-sub (15Pin) INPUT

Input for the analog RGB signal from personal computer, etc.

Installation

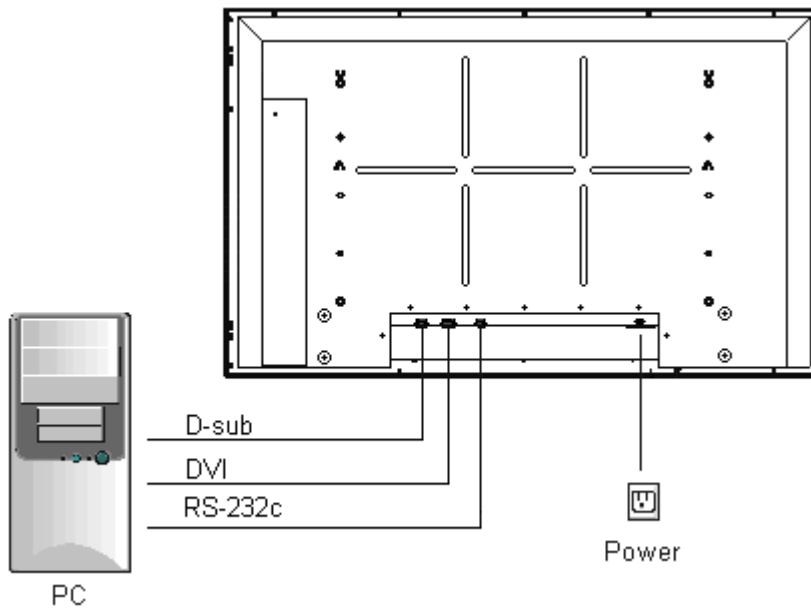
Connections with Equipment that has a Digital Interface

Connections can be made with equipment that is equipped with a digital interface compliant with the DVI (Digital Visual Interface) standard.

- * Use a DVI 29-pin signal cable when making connections to the DVI connector of the main unit.
Note that the DVI terminal does not support analog RGB input source and HDCP protocol.

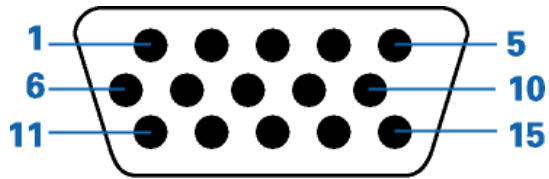
Note:

1. Input TMDS signals conforming to DVI standards. The TMDS input corresponds to *single link*.
2. To maintain display quality, use a cable with quality prescribed by DVI standards that is within 5 meters in length.
3. *RS-232C Only use in factory setting.*



Pin Assignments and signal for D-sub 15 pin RGB (Analog)

Pin No.	Signal (Analog)
1	Red
2	Green or sync-on-green
3	Blue
4	No Connection
5	Ground
6	Red ground
7	Green ground
8	Blue ground
9	No Connection
10	Sync signal ground
11	No Connection
12	Bi-directional DATA (SDA)
13	Horizontal sync or Composite sync
14	Vertical sync
15	Data clock



Pin Configuration and Signal of the DVI Connector

Pin No.	Signal (Digital)
1	T.M.D.S Data 2 -
2	T.M.D.S Data 2 +
3	T.M.D.S Data 2 Shield
4	No Connection
5	No Connection
6	DDC Clock
7	DDC Data
8	No Connection
9	T.M.D.S Data 1 -
10	T.M.D.S Data 1 +
11	T.M.D.S Data 1 Shield
12	No Connection
13	No Connection
14	+5V Power
15	Ground
16	Hot Plug Detect
17	T.M.D.S Data 0 -
18	T.M.D.S Data 0 +
19	T.M.D.S Data 0 Shield
20	No Connection
21	No Connection
22	T.M.D.S Clock Shield
23	T.M.D.S Clock +
24	T.M.D.S Clock -
25	No Connection
26	No Connection
27	No Connection
28	No Connection
29	No Connection

The unit is equipped with a type of connector commonly used for both analog and digital. (Functionally, this cannot be used for an analog input.) (TMDS can be used for **single** link only.)

Basic Operations

POWER

1. To power on and off the unit:

Connect the power cord to your plasma monitor and wall AC power outlet.

Push the main power switch on the bottom side of the plasma monitor (the main power switch can be access from the back side of the plasma monitor). The power indicator LED will flash and stabilized in red color. The monitor is in the STANDBY mode when the LED light is stabilized in red color.

Attention: For protection against power supply in the plasma monitor, when you turn off main power switch and intend to turn on again, please wait for 5 seconds before you turn it on.

2. To turn on the unit:

When the monitor is in STANDBY mode, press the POWER button to turn on the unit. The monitor's POWER/STANDBY indicator LED will flash and stabilized in orange color.

3. To turn off the units:

Press the POWER button, the monitor's POWER/STANDBY indicator LED will flash and stabilized in red color. When the LED stops flashing and stabilized in red color, the monitor is in STANDBY mode.

Table of Signals Supported

Supported resolution

- When the screen mode is NORMAL, each signal is converted to a 640 dots × 480 lines signal.
- When the screen mode is FULL, each signal is converted to a 852 dots × 480 lines signal.

Computer input signals supported by this system

Dots × Lines	Vertical Frequency (Hz)	Horizontal Frequency (kHz)	Sync Polarity		Presence		Screen Mode	
			Horizontal	Vertical	Horizontal	Vertical	Normal (4:3)	FULL (16:9)
640×400	70.1	31.5	NEG	NEG	YES	YES	YES	YES
640×480	59.9	31.5	NEG	NEG	YES	YES	YES	YES
	72.8	37.9	NEG	NEG	YES	YES	YES	YES
	75.0	37.5	NEG	NEG	YES	YES	YES	YES
	85.0	43.3	NEG	NEG	YES	YES	YES	YES
848×480	60.0	31.0	POS	POS	YES	YES	YES	YES
852×480	60.0	31.7	NEG	NEG	YES	YES	YES	YES
800×600	56.3	35.2	POS	POS	YES	YES	YES	YES
	60.3	37.9	POS	POS	YES	YES	YES	YES
	72.2	48.1	POS	POS	YES	YES	YES	YES
	75.0	46.9	POS	POS	YES	YES	YES	YES
	85.1	53.7	POS	POS	YES	YES	YES	YES
1024×768	60.0	48.4	NEG	NEG	YES	YES	YES	YES
	70.1	56.5	NEG	NEG	YES	YES	YES	YES
	85.0	68.7	POS	POS	YES	YES	YES	YES

* Recommended display card setup format.

* DVI connector does not support HDCP agreement.

Troubleshooting

If the picture quality is poor or there is some other problem, check the adjustments, operations, etc., before requesting service.

Symptom	Checks	Remedy
No picture is produced.	<ul style="list-style-type: none"> • Is the monitor's power cord plugged into a power outlet? • Are all the monitor's indicators off? 	<ul style="list-style-type: none"> • Plug the monitor's power cord into a power outlet. • Press the power button on the monitor to turn on the power.
Poor picture with RGB signal input.	<ul style="list-style-type: none"> • Improper control setting. • Incorrect 15 PIN connector pin connections. 	<ul style="list-style-type: none"> • Adjust picture controls as needed. • Check pin assignments and connections.
Tint is poor or colors are weak.	<ul style="list-style-type: none"> • Are the tint and colors properly adjusted? 	<ul style="list-style-type: none"> • Adjust picture controls as needed. • Check pin assignments and connections.
Nothing appears on screen.	<ul style="list-style-type: none"> • Is the computer's power turned on? 	<ul style="list-style-type: none"> • Turn on the computer's power.
	<ul style="list-style-type: none"> • Is a source connected? 	<ul style="list-style-type: none"> • Connect source to the monitor.
	<ul style="list-style-type: none"> • Is the power management function in the standby or off mode? 	<ul style="list-style-type: none"> • Operate the computer (move the mouse, etc.)
Part of picture is cut off or picture is not centered.	<ul style="list-style-type: none"> • Is the position adjustment appropriate? 	<ul style="list-style-type: none"> • Adjust the "SCREEN" properly.
Picture is unstable.	<ul style="list-style-type: none"> • Is the computer's resolution setting appropriate? 	<ul style="list-style-type: none"> • Set to the proper resolution.
POWER/STANDBY indicator blinks in red	<ul style="list-style-type: none"> • Horizontal and / or vertical sync signal is not present when the Intelligent Power Manager control is on. 	<ul style="list-style-type: none"> • Check the input signal.
POWER/STANDBY indicator is fast blinking		<ul style="list-style-type: none"> • Promptly switch off the power of the main unit. • See*
At PC mode if position of picture is not correct	<ul style="list-style-type: none"> • Is the position adjustment appropriate? 	<ul style="list-style-type: none"> • Turn on the "AUTO FOCUS" properly.

* In the following case, power off the monitor immediately and contact your dealer or authorized Service Center. The monitor turns off 5 seconds after powering on and then the POWER/STANDBY indicator fast blinks. It indicates that the power supply circuit or Plasma display panel or, temperature sensor has been damaged.

Specifications

Product Name	Plasma Monitor PT4231
Screen Size	36.3"(H) × 20.4"(V) inches 921(H) × 518(V) mm diagonal 42"
Aspect Ratio	16 : 9
Resolution	852(H) × 480(V) pixels
Pixel Pitch	0.043"(H) × 0.044"(V) inches 1.095(H) × 1.110(V) mm
Color Reproduction	256 levels, 16,770,000 colors
Signals	
Synchronization range	Horizontal: 31 to 69kHz Vertical: 56.0 to 85Hz
RS232 Control	D-sub 9-pin × 1
Power Supply	AC100V~240V 50/60Hz
Current Rating	3.0A
Power Consumption	380W (typical)
Dimensions	41.3(W) × 25.5(H) × 3.5(D) inches 1038(W) × 640(H) × 89(D) mm
Weight	79.4lbs/36kg
Environmental Considerations	
Operating Temperature Humidity	0°C to 40°C / 32°F to 104°F 20 to 80% (no condensation)
Storage Temperature Humidity	-10°C to 50°C / 14°F to 122°F 10 to 90% (no condensation)
Front panel User Controls	Power on/off, Input source select, OSD control
Other features	3D motion adaptive Scan Converter with 2-2 (50Hz), 2-3 (60Hz) Pull Down Converter, Digital Zoom function, Color Temperature Select, Power management, Plug and play (DDC1, DDC2B)
Accessories	VGA cable (Mini D-Sub 15-pin to Mini D-Sub 15-pin connector), Power cord, User's Manual,
Regulatory Compliance	UL, FCC, CE