

# PowerLab

## User's Guide

TFT LCD COLOR Monitor

**PL-177D/X**



## For a Clearer View

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- 1** To enjoy the best picture quality, the display resolution and monitor refresh rate must be set in the Control Panel. Since TFT LCD display is digitally operated, cases of uneven picture quality may occur if not in its optimum resolution. Please set up the 15-inch monitors at 1024 × 768 resolution, and 19-inch monitors at 1280 × 1024 resolution, and at the refresh rate (perpendicular frequency) of 60Hz.
  - 2** This product employs the TFT LCD display panel, manufactured with the latest semiconductor technology of 99.999% of precision or above. Therefore, R(Red), G(Green), B(Blue), or other pixels may be displayed in black or white. This does not imply that quality of the product is impaired, and the product may be used securely. For your information, the numbers of pixels used in TFT LCD display of this product are 2,359,296 (15 inch), and 3,932,160 (17, 19 inch) respectively.
  - 3** When cleaning the monitor, use a piece of soft cloth with minimum amount of water or neutral detergent. Especially, when cleaning the LCD screen, remember not to press too hard and wipe gently. Excessive pressure may cause functional disorders.
  - 4** When the picture quality does not meet your satisfactory level, activate the AUTO ADJUST function (auto adjustment: press UP key).
  - 5** TFT LCD monitor shows different distinctions depending on the angles of views. Set up the monitor in a comfortable position, where the view is clear. Generally, setting up the monitor and eyes to make a right angle provides the clearest vision.
  - 6** Due to the characteristic of LCD, afterimages may appear when the screen is fixed still for a long time. This afterimage disappears after some time.
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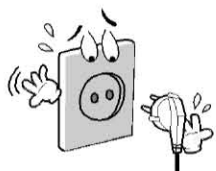
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# 1. CAUTIONS

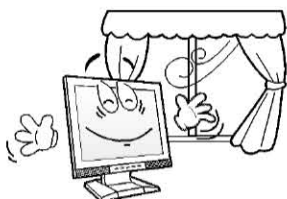
## Safety >>>>



Do not touch the plug or pull out the power cord with wet hands, and prevent the electric cord from being pressed by heavy objects. This may lead to risks of electric shocks or fire.



Do not set up in a dusty, humid environment. Setting up the monitor in such environments may lead to disorders, malfunction, or fire.



Set up the monitor in an atmosphere with good ventilation and no direct sunlight. Do not cover the ventilating opening on the back with cloths, etc. Difficulty in ventilation or exposure to direct sunlight may cause disorders or fire.



Do not apply excessive force or pressure on the monitor. This may lead to fire or disorders. Dropping this product while transporting may cause malfunction or damages.



Set up the monitor on a flat, stable place. Tumbling or falling of the product due to carelessness may cause malfunction or damages.



Do not connect multiple extensions and/or electric plugs on a single outlet. This leads to risks of fire.

## Cleaning >>>>



Scratching or pressing the screen with ball pens, or any other sharp objects will damage the surface; please refrain from such actions.



When cleaning the monitor, use a piece of soft cloth with the "recommended" detergent. When cleaning the LCD screen, wipe gently with soft cloth.

## Others >>>>



Never attempt to disassemble, repair, or convert the monitor at your own discretion. When repair is required, contact the customer service center.



Do not insert metal objects(chopsticks, bolts, etc.) through the ventilating openings of the monitor, and be sure to prevent the children from such actions. This may cause electric shocks, fire, and physical harms to users.

## 2. Composition of the Product



When defect is found in any of the following parts, or one or more of them are missing, please contact the nearest agency or dealer.



TFT LCD monitor



DC power source device



power cable



user's guide



VGA signal cable

※ Note: The monitor and parts shown may look different from the image in this manual

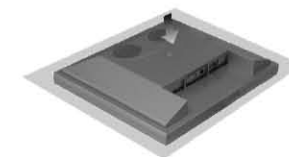
※ Note: The monitor and the support are separate in the time of purchase.

## 3. Assembling and dismantling the support

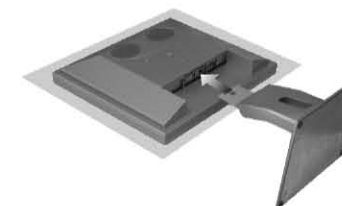


### Assembling the support >>>>

Place a soft cloth on a flat surface, and then place the monitor, its screen facing down. (Be careful not to scratch the LCD screen in this process.)

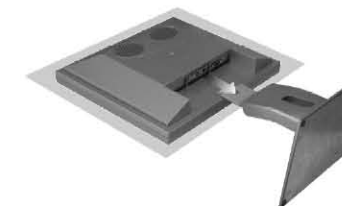


Fix the monitor with one hand to prevent movement, and insert the support with the other hand in the direction of the arrow, (Push until a 'click' sound is heard)

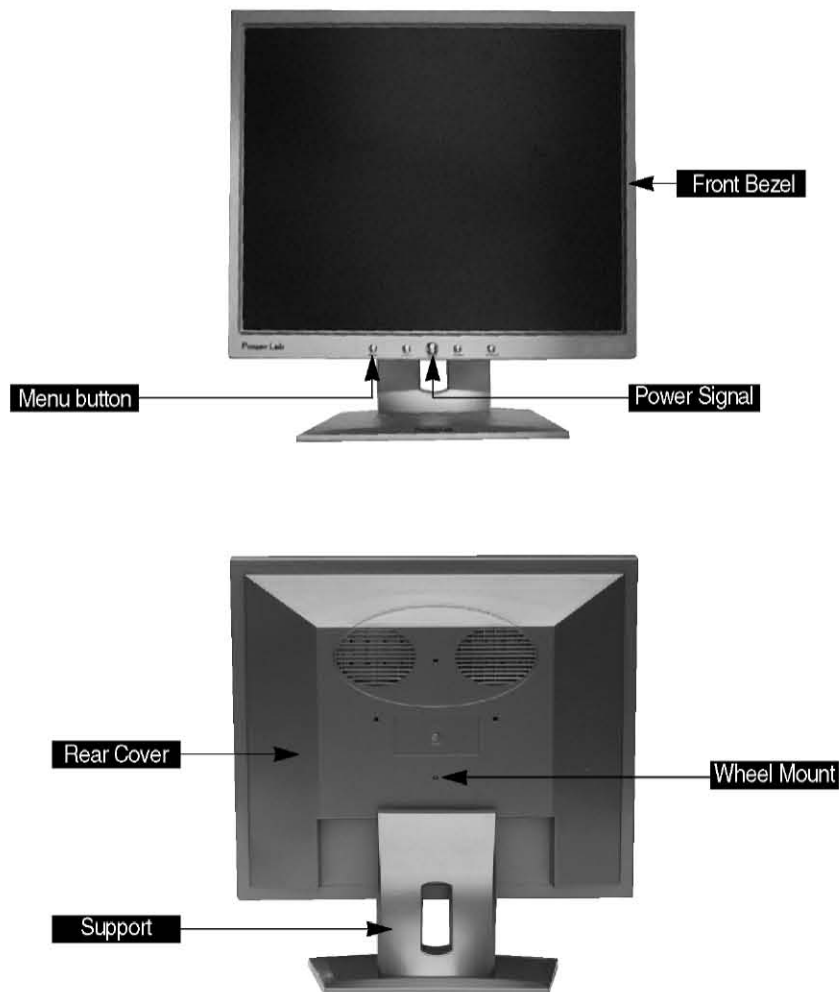


### Dismantling the support >>>>

Fix the monitor with one hand to prevent movement, and pull out the support with the other hand in the direction of the arrow.



## 4. Names and functions of parts



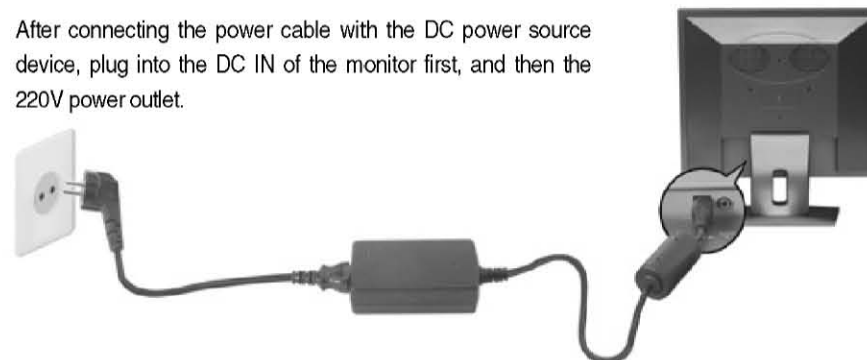
## 5. Connection



When connecting the monitor and accessories, please make sure that the power of the monitor, computer, and other connected devices are off.

### 1. Connecting power >>>>

After connecting the power cable with the DC power source device, plug into the DC IN of the monitor first, and then the 220V power outlet.



### 2. Connecting with Signal PC >>>>

Connect monitor to the computer with signal cable. Fix the cable by turning bolts after connecting.

