



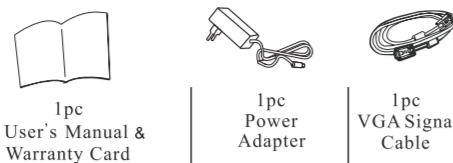
## Monitor User Manual

Read this manual before operation



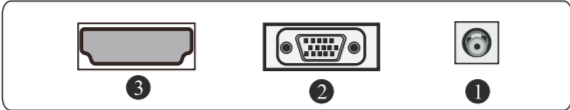
P190WM/P220YM

### Unfold the Packaging and Check Accessories within.



All illustrations and products/accessories in this manual are only for reference and are subject to real objects. Please directly contact local distributor for purchasing the accessories you need, the right for updating products is reserved by our company without prior notice.

### Connect LED Monitor to PC



Please turn off the power supply of PC and monitor before you link the PC to the monitor.

#### 1 Power Plug

Please link the power cord of LED to the port named POWER at the back of the LED monitor.

#### 2 VGA Port

Please link VGA cable of LED to the port named D-SUB at the back of the LED monitor. (need monitor support)

#### 3 HDMI Port

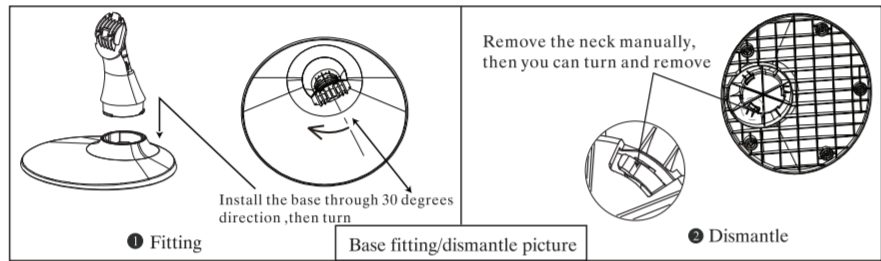
Connect a HDMI cable to the HDMI output of your set-top box, and the other end to the HDMI port on the back of your monitor.



Adapter

### Operate LED monitor

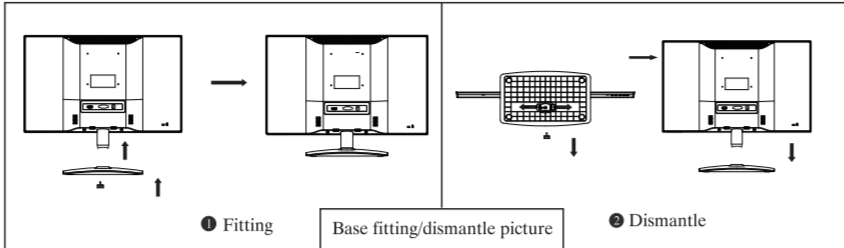
Base fitting/dismantle guide  
P190WM Model



1. Take out the monitor and Put it on the table. (keep the table tidy or have soft cushion to protect the panel).
2. Installation for picture 1, stick the monitor neck in the base through 30 degrees direction, turn and keep it in the vertical position.
3. Remove instruction for picture 2 remove the neck manually, turn and remove, then remove the base and monitor.

-1-

Base fitting/dismantle guide  
P220YM Model



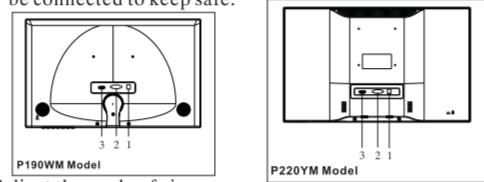
1. Take out the monitor and Put it on the table. (keep the table tidy or have soft cushion to protect the panel).
2. Put the base supporting to the base, take out 1pcs of manual screw, twist right tightly. Base fitting finished.
3. When dismantling the base, loose the manual screw of the base and pull the base straps outward.

#### Power supply

1. Make sure the power supply line is fit for your area standard.
2. Adaptable voltage: 100V-120V or 220V-240V AC area (customers no need to adjust the voltage themselves)

### Control and connect

Signal line connect: connect the signal line to the PC graphics card out port, one side connect monitor's input port, use the screw to fix them. Power supply connect: connect the power supply's one side to the monitor's input port and the other to the power switch on the wall or PC's power switch. Attention: If the power switch isn't grounding (should be three holes), right adapter (not supply) should be connected to keep safe.

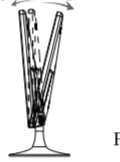


1	power supply hole
2	D-Sub line
3	HDMI port

Picture 2 connecting line

#### Adjust the angle of view

- The best ideal angle of view is the right front of the monitor, then adjust the angle according to your demand.
- When you adjust the monitor's angle, you need to hold the monitor to keep steady and safe.
- Angle degree: 5°-15° elevation



Picture 3 angle adjust

#### Attention:

- Don't touch the panel when you adjust the angle, or you may damage or hurt the panel.
- According to the demand and attention to adjust the angle, same as the picture shows.

#### Operating instructions

##### General instructions

Press the power switch to open/close the monitor. The press key is on the back cabinet (picture 4)

You can get the picture through pressing the key board

• connect the power supply line

• connect the signal line to the PC graphics card

• press power switch to open the monitor, power light on.

-2-

**P190WM Model**

You can find 7pcs guides "AUTO MENU UP DOWN DCR SCALE POWER" and correspondently press key and a LED light

Notice: The button for the specific model should be based on the actual used machine

Button	Function
1 AUTO Self-adjusting key	Adjust image clock, phase, horizontal position, vertical position automatically, and set or return on a menu or exit the menu.
2 MENU key	Display the option of entering menu OSD and its submenus.
3 UP Direction key	Show the cursor movement and increasing of OSD manual option or adjust the contrast or brightness.
4 DOWN Direction key	Show the cursor movement and depression of OSD manual option Hot key: ECO Mode
5 DCR	Open or close Dynamic contrast
6 SCALE	Adjust frame Display Scale
7 Power key	Turn on or off the power.
8 Power light of LED	Green, blue or white-normal working; orange (yellow), blue blinking display; or red (mode DPMS: when horizontal or vertical sync signal can not be received, power consumption will be reduced to less than or equal to 2W).

**P220YM Model**

You can find 5pcs guides "AUTO MENU UP DOWN POWER" and correspondently press key and a LED light

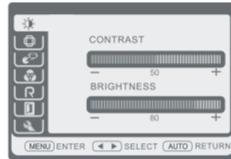
Notice: The button for the specific model should be based on the actual used machine

Button	Function
1 AUTO Self-adjusting key	Adjust image clock, phase, horizontal position, vertical position automatically, and set or return on a menu or exit the menu.
2 MENU key	Display the option of entering menu OSD and its submenus.
3 UP Direction key	Show the cursor movement and increasing of OSD manual option or adjust the contrast or brightness.
4 DOWN Direction key	Show the cursor movement and depression of OSD manual option Hot key: ECO Mode
5 Power key	Turn on or off the power.
6 Power light of LED	Green, blue or white-normal working; orange (yellow), blue blinking display; or red (mode DPMS: when horizontal or vertical sync signal can not be received, power consumption will be reduced to less than or equal to 2W).

### OSD OPERATION

OSD function will help you adjust display content easily and achieve the right effect that you want.

(NOTICE: Please make sure the monitor is power on and has sync signal before using this function) The following picture is a schematic one and the real one will have a slight distinction because of its type.



1. Press 'MENU' turns on OSD.
2. Press 'DOWN' or 'UP' to choose main menu items.
3. Press 'MENU' to enter submenus.
4. Press 'DOWN' or 'UP' to adjust sub-menu parameters.
5. Adjustment completed, press 'AUTO' to exit.

#### Automatic Adjust

1. Press 'AUTO' on the monitor.
2. Disappearance of auto adjust image means the adjustment is done.

Notice: It will not be available under DV1 mode.

-3-

### Different Display Sizes and Optimum Resolution

Inch	Optimum Resolution	Screen Refresh Rate
4:3 mode		
15	1024x768	60Hz
17	1280x1024	60Hz
19	1280x1024	60Hz
Widescreen Mode		
18.5	1366x768	60Hz
19	1440x900	60Hz
20	1600x900	60Hz
20.1	1680x1050	60Hz
21.5	1680x1050 or 1920x1080	60Hz
21.6	1680x1050 or 1920x1080	60Hz
22	1680x1050	60Hz
23.6	1920x1080	60Hz
24	1920x1200	60Hz
27	1920x1200 or 1920x1080	60Hz

Notice: Exact resolution is standard based on the real type, more information on specifications, please log in the website: [www.greatwall.cn](http://www.greatwall.cn).

### Safety Notice

- Please operate under appointed supply voltage. In order to improve safety, it is suggested that you use current protection device of voltage transient prevention between electric outlet on the wall and AC electricity supply or AC adapter.
- Please plug electricity supply plug in case of abnormality such as cacophony or peculiar smell.
- Do not hit or scrawl liquid crystal screen with sharp or hard stuff. Otherwise it will be damaged.
- Do not splash liquid such as beverage or soup on the surface of liquid crystal screen. Otherwise it will be damaged.
- Do not operate the monitor when it is thunder or storm.
- Please keep good ventilation. Do not block up ventilating slot or intake. Monitor should be kept at least 4 inch (10cm) away from wall. The socket-outlet shall be installed near the equipment and shall be easily accessible.
- Do not disconnect power supply when using monitor.
- Do not bend plug and wire unduly and put heavy stuff on them to avoid being damaged.
- If you do not use monitor for a long time, please pull out the power supply to avoid electric shock and damage from abnormal supply voltage.
- If the product is to be installed in environment with high or low temperature, high humidity, chemicals or if the product is to be used for 24 hours consistently, do contact with authorized service center. Otherwise, improper installation will damage monitor. The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids such as vase shall be placed on the apparatus.
- Do not stuff metal objects (e.g. chopstick, metal wire and hand drill) or flammable objects (e.g. paper or match) into vent, earphone interface, or AV interface.
- Please keep plastic package out of children's reach.
- If it is used to view a fixed image for a long time, frame vestigial or blur will be produced.

#### Be careful!

- If you want to remove plug, please hold the plug itself.
- If you want to move or clear monitor, please close power supply and remove the plug.
- Do not touch plug with damp hands.

#### Others!

- Ergonomic suggestion
- Do not operate monitor in dark room or bright background. In order to obtain best viewing comfort level, monitor should be kept 40-60 cm (16-24 inch) away from eyes. If you are to use monitor for a long time, it is suggested that you should have a rest every one hour as watching the screen for a long time will cause eye fatigue.
- Fall point of the product meet standard of SJ/T 11292-2003 IV.

#### Instruction of recovery processing of flawed monitor:

Scrapped monitor will cause pollution to surrounding environment. Therefore, when you are going to scrap monitor, you should not discard it deliberately. It should be sent to destructor plant. Please send to local maintenance station or professional destructor plant to be processed.

### Environment items

Working environment	Temp.: 10°C-40°C (50°F-104°F) Moisture: 10%-80%, non-condensate
Storage environment	Temp.: -20°C-45°C (-4°F-113°F) Moisture: 5%-85%, non-condensate

-4-

### Cleaning and maintenance of LED

Be sure not to use these strong solvent as below in case of damages of LED and enclosure.

Diluent, cleaning spray, corrosive cleaner, acid or alkali solvent, volatile oil, wax and benzene.

#### Enclosure

- Painting peel off would be occurred on enclosure which was wiped by rubber or plastic long time.

• Enclosure shall be cleaned by rags with cleaner firstly, and then be dried by dry and soft cloth.

#### Liquid Crystal Panel

- To maintain the cleanness of LED monitor, the display panel shall be cleaned by rags with cleaner at regular intervals.
- Be sure not to rub the screen with tissue paper or hard materials.
- Do remember to pull out the power cord before cleaning.

### Troubleshooting Program

Trouble	Inspection
If picture is not shown	A) The power light does not work.
	Is the plug of power cord firmly set in slot?
	Is the power switch switched on?
	Is there any electricity in AC slot? Please insert other device to be tested.
	B) The power light flashes green or blue or white.
	If there is no screen protection program because of activation, please press keyboard or mouse.
When liquid crystal monitor is started, picture position is deviated.	Please increase contrast gradient or brightness.
	Is resolving capacity of computer signal in the realm of monitor?
	If monitor is in mode of power management, please press keyboard or mouse.
	C) The power light flashes orange (yellow) or red blinking display.
	Is power supply of the computer is on?
	Is signal cable properly inserted?
When firstly used, screen flash.	Is signal resolving capacity in the realm of monitor?
	Whether or not adjustment conducted in reference to operation monitor?
Picture is too dark or too bright.	Whether or not close power supply? Restart it and confirm there is no flash.
	Is image output in the realm of specifications?
	Picture is not in the center.
	The signal resolving capacity of computer is in the realm of monitor?
Float Displayed	Is voltage in the realm of specifications?
	The signal resolving capacity of computer is in the realm of monitor?
	Is signal cable properly inserted?
Desynchrony Displayed	The signal resolving capacity of computer is in the realm of monitor?
	Is image output in the realm of specifications?
	Is signal cable properly connected to computer?
MOMENT	Is there any damage on cable?

If the trouble is not in the above form, please stop using the monitor and then contact sales agent or nearby service center for more help.

### Consistency and relevant regulations

FCC safety conforms to proof.

This equipment is in accordance with the 15th section of FCC regulation, there are 2 situations when operating.

- 1) It will not incur harmful interference.
- 2) This equipment is capable of standing all the interference it receives including what causing abnormal work. This equipment is tested according to the 15th section of FCC and it proves to meet limiting condition of digital device which is used to prevent undesirable interference caused by installation of this equipment. In usage of this equipment, RF energy can be produced. If it is not installed according to instruction manual, it will produce undesirable interference to telecommunication. However, we do not guarantee that the installation of this equipment will not necessarily produce interference. You can access the harmful interference on radio or TV by alternately turning on and off the equipment. Users can use the following methods to exclude:

- \* Adjust the direction of the antenna.
- \* Adding distance between the equipment and receiver.
- \* Link the equipment to another socket different from the socket where the receiver is plugged.
- \* Get in touch with an agent or an experienced radio /TV technician to ask for help.

All the special accessories conforming to FCC regulation must be clearly stated in the user's manual.

Notice: If modification and conversion have been done without a written proof by the responsible party, right for using this equipment will be deprived.

-5-

### Warranty

### 3 Years Limited Warranty

For LCD/LED MONITOR

Upstar USA Group warrants the accompanying LCD/LED Monitor to be free of defects material and workmanship for the applications specified in its operation instruction for a period of Three(3) years warranty for the parts, labor, and panel for Three(3) years warranty from the date of original retail purchase date in the United States.

If the unit exhibits a defect in normal use, Upstar USA Group, will, at its discretion, either repair or replace it, free of charge after the unit has been returned within the warranty period.

As a condition to any warranty service obligation, the consumer must present a copy of the original purchase invoice.

#### Warranty is effective:

In order to receive warranty services, customer must be able to show proof of purchase. In order to obtain warranty services, please contact Upstar Support either by telephone, e-mail, or fax.

#### What the warranty does not cover:

1. Any product in which the serial number has been defaced, modified or removed.
2. Damage, deterioration or malfunction resulting from:
  - A. Accidents, misuse, failure to follow instructions supplied with the product, neglect, unauthorized product modification, fire, water, lightning, or any other acts of nature.
  - B. Repaired or attempted to repair by anyone who are not authorized by Upstar Group.
  - C. Damage or loss of any programs, data, or removable storage media.
  - D. Any damage of the product due to shipping
  - E. Removal or installation of the product.
  - F. Causes external to the product, such as power fluctuations or failure.
  - G. Normal wear and tear.
  - H. Failure of the owner to perform periodic product maintenance as stated in User Guide, such as cleaning of user-cleanable projector filters.
  - I. Any other reasons which does not relate to a product defect.
  - J. Damage caused by static (no-moving) images displayed for lengthy periods of time (also referred to as image burn-in).
  - K. Damage caused by static (no-moving) images displayed for lengthy periods of time (also referred to as image burn-in).
  - L. Damage, or abuse of, the coating on the surface of the displayed through inappropriate cleaning as described in the product User Guide.
3. Removal, installation, and set-up service charges, including wall-mounting of product.
4. Freight and insurance cost for warranty service.

-6-

### Warranty

ALL WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANT ABILITY ARE LIMITED TO A ONE-YEAR DURATION OF THIS EXPRESS LIMITED WARRANTY. UPSTAR USA GROUP DISCLAIMS ANY LIABILITY FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES, AND INNOVENTS ALL UPSTAR USA GROUP LIABILITY EXCEEDING IN THE RETAIL VALUE OF THE UNIT FOR BREACH OF ANY WRITTEN OR IMPLIED WARRANTY WITH RESPECT TO THIS UNIT.

This warranty only covers new products purchased from our authorized dealers or retailers. This warranty does not cover used, salvaged, or refurbished products.

As some states do not allow the limitation or exclusion of incidental or consequential damages, or do not allow limitations on implied warranties, the above limitations and exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights, and you may also have other rights that vary from state to state.

#### The Customer Service & Technical Support

1. To obtain warranty service, please contact Upstar Customer Service for a Return Material Authorization Number (RMA). You will be required to provide:

- A. A copy of the original sales receipt.
- B. Your full name
- C. Your shipping address, email address, and your telephone number.
- D. The serial number of the product.
- E. A full description of the problem.

Upstar is not responsible for any returned products that have been returned without an assigned RMA.

#### UPSTAR USA GROUP

1885 S. Vineyard Ave. Suite #1 Ontario, CA91761

For On-Line Registration, Service and Support

Please go to <http://www.upstarusa.com>, or call Toll Free 9AM to 5:30PM

PST 1 (877) 908-6777

TEL: (562) 927-8098 FAX: (562) 927-8068

E-mail: [customerservice@upstarusa.com](mailto:customerservice@upstarusa.com)

E-mail: [sales@upstarusa.com](mailto:sales@upstarusa.com)

-7-

### Warranty Registration Card

Congratulations, and thank you for your purchase! Please take the time to mail or fax your completed warranty registration card along with a copy of your original sales receipt within thirty (30) days of your original purchase to:

Company Name: \_\_\_\_\_

First Name: \_\_\_\_\_

Last Name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_

State: \_\_\_\_\_

Zip Code: \_\_\_\_\_

Phone Number: \_\_\_\_\_

Fax Number: \_\_\_\_\_

Email Address: \_\_\_\_\_

Web Address: \_\_\_\_\_

Mode I Number: \_\_\_\_\_

Quantity: \_\_\_\_\_

Date of Purchase: \_\_\_\_\_

Place of Purchase: \_\_\_\_\_

Serial Number(s): \_\_\_\_\_

-8-



#### UPSTAR USA GROUP

1885 S. Vineyard Ave. Suite #1 Ontario, CA91761

For On-Line Registration, Service and Support

Please go to <http://www.upstarusa.com>, or call Toll Free 9AM to 5:30PM

PST 1 (877) 908-6777

TEL: (562) 927-8098 FAX: (562) 927-8068

E-mail: [customerservice@upstarusa.com](mailto:customerservice@upstarusa.com)

E-mail: [sales@upstarusa.com](mailto:sales@upstarusa.com)