

TFT LCD MONITOR 17 INCH / 19 INCH

## USER'S MANUAL



Wooyoung Telecom Co., LTD

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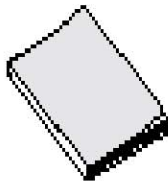
# 1. INSTALLATION

## 1-1. Package contents

TFT LCD Monitor, User's Manual, RGB Cable, Adaptor, Power cord, Audio Cable, DVI Cable (Option)



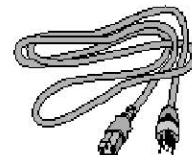
TFT LCD Monitor



User's Manual



Adaptor



Power cord



RGB Cable



Audio Cable



DVI Cable(option)

## 1-2. BASIC INSTALLATION

1. Before connecting, power off both the monitor and PC.
2. Connect the VGA connector of the supplied signal cable to the output VGA connector on the PC and the matching input connector on the rear of the LCD monitor.  
If your package include optional DVI cable, connect the DVI cable to the output DVI connector from the PC and the matching input connector to the rear of the LCD monitor.
3. Secure the connector by tightening the thumbscrew at the connector.
4. Connect your audio output connector on the PC to the audio input jack behind the monitor with the supplied stereo speaker audio cable.
5. Connect the supplied power adapter to the DC input jack.
6. Connect the supplied power cable to the power adapter and plug in the supplied power cable to a power outlet.
7. Power ON the PC, then the monitor.
8. If you are using Microsoft Windows Operating System, please refer to Windows driver installation guide to proceed with software driver setup.
9. If you see the "No signal" message, check the signal cable and connectors.  
Please refer to Troubleshooting section for further instruction.
10. After using the LCD monitor, power OFF the monitor, before turning off the PC.

\* Connection setup for LCD Monitor using VGA signal cable, DVI-D optional cable, 3.5 mm stereo speaker audio cable and the connection to power supply.

### NOTE

There can be about 3 or 4 dots on the screen. This is a common thing caused by limit of manufacturing processes of LCD panel. This is not related with the performance of the monitor. Also, this is not a kind of malfunction.

## 2. OPERATION

### 2-1. Display Mode

#### Analog RGB IN-PUT

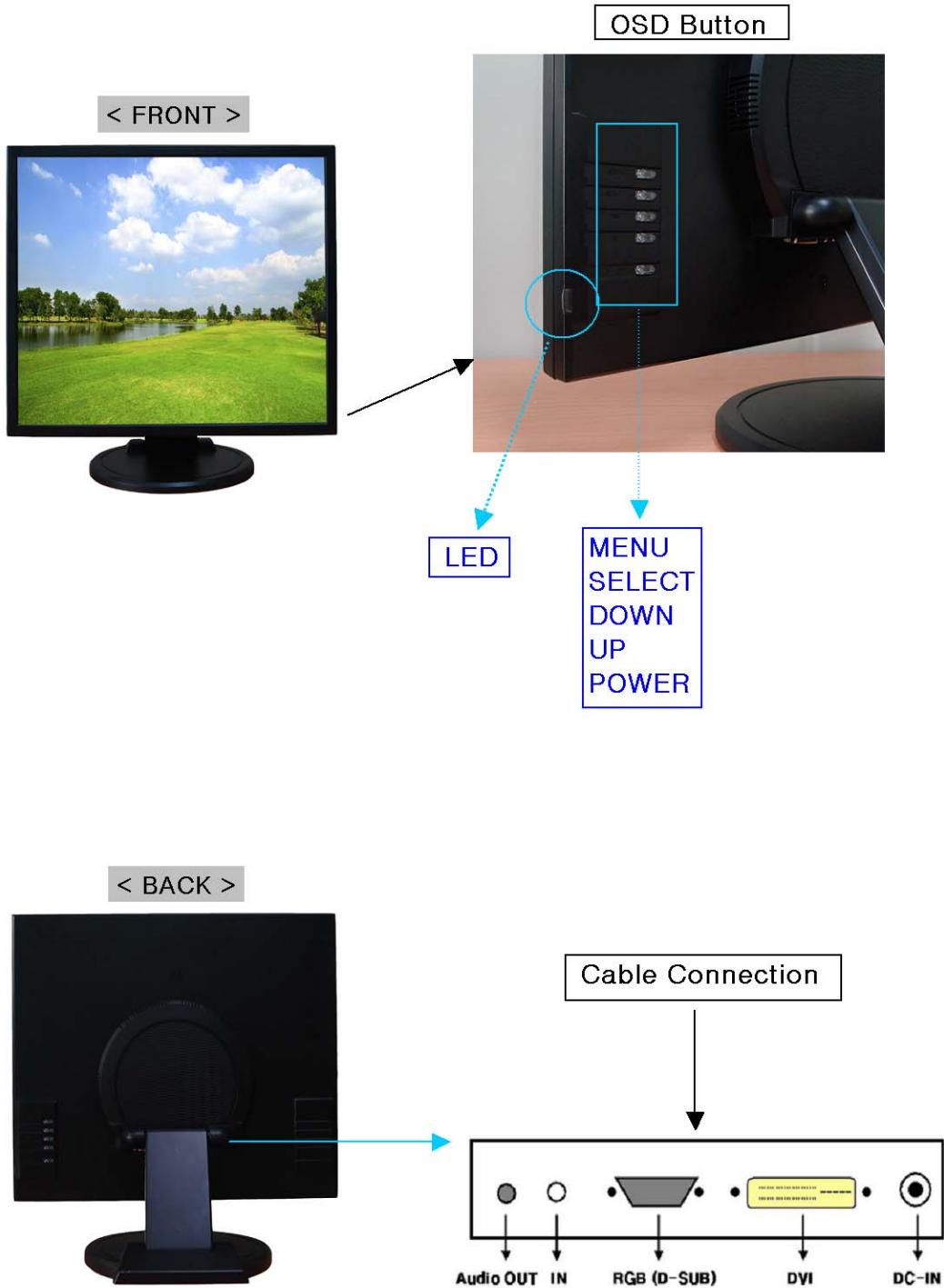
RESOLUTION	HORIZONTAL FREQUENCY
640 × 350	70Hz
720 × 400	70Hz
640 × 480	60 ~ 75Hz
800 × 600	60 ~ 75Hz
1024 × 768	60 ~ 75Hz
1152 × 864	60 ~ 75Hz
1280 × 1024	60 ~ 75Hz

#### Digital DVI IN-PUT

RESOLUTION	HORIZONTAL FREQUENCY
640 × 480	60 ~ 75Hz
800 × 600	60 ~ 75Hz
1024 × 768	60 ~ 75Hz
1152 × 864	60 ~ 75Hz
1280 × 1024	60 ~ 75Hz

## 2. OPERATION

### 2-2. OSD control panel & Cable Connection



### 3. OSD (On Screen Display) Setting

#### ○ MAIN BUTTON

MENU	The screen will show in the center of screen as above. And also EXIT when you're done the control.
SELECT	Key to select the an icon of upper part on OSD MENU.
UP/DOWN	Key to move to the right/left on selection of a upper item. If a lower item is selected, this button will be used to reduce / increase the value.

#### 1. BRIGHTNESS :



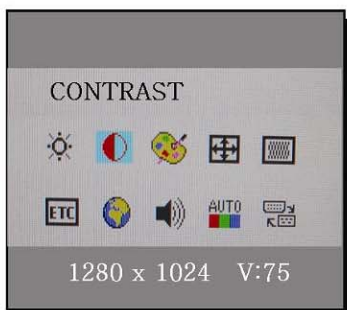
[On User Controls mode] adjusts the brightness of the display  
(Increase & Decrease)



#### 2. CONTRAST :



[On User controls mode] adjusts the contrast of the display  
( Red & Blue)



### 3. OSD (On Screen Display) Setting

#### 3. COLOR CONTROL :



Sets a color mode of the LCD monitor among 6500K, 7000K, 9300K, and User controls mode.

[On User Controls mode] sets the color temperature.

The Color Control OSD sequence consists of the following screens:

- Screen 1:** Main menu with 'COLOR CONTROL' selected. Resolution: 1280 x 1024 V:75.
- Screen 2:** 'COLOR CONTROL' menu with 'USER' selected. Options: MODE1, MODE2.
- Screen 3:** 'COLOR CONTROL' menu with 'RED' selected. Options: GREEN, BLUE.
- Screen 4:** 'RED' slider set to 50.
- Screen 5:** 'GREEN' slider set to 50.
- Screen 6:** 'BLUE' slider set to 50.

#### 4. H/V POSITION :



H.Position : moves the display area location (Left & Right).

V.Position : moves the display area location (Up & Down).

The H/V Position OSD sequence consists of the following screens:

- Screen 1:** Main menu with 'POSITION' selected. Resolution: 1280 x 1024 V:75.
- Screen 2:** 'POSITION' menu with 'H. POSITION' selected. Option: V. POSITION.
- Screen 3:** 'H. POSITION' slider set to 54.
- Screen 4:** 'V. POSITION' slider set to 57.



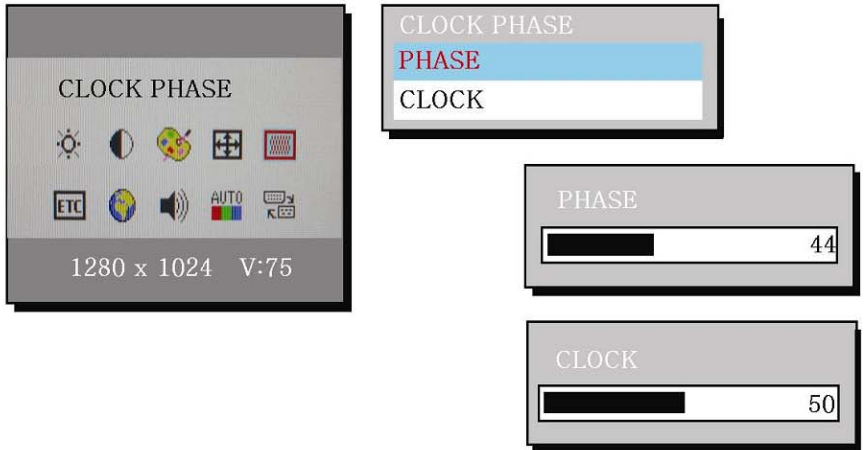
### 3. OSD (On Screen Display) Setting

#### 5. CLOCK PHASE :



Clock : [On User controls mode of PC input] adjusts the frequency.

Phase : [On User controls mode of PC input] adjusts the phase.



#### 6. MISCELLANEOUS :

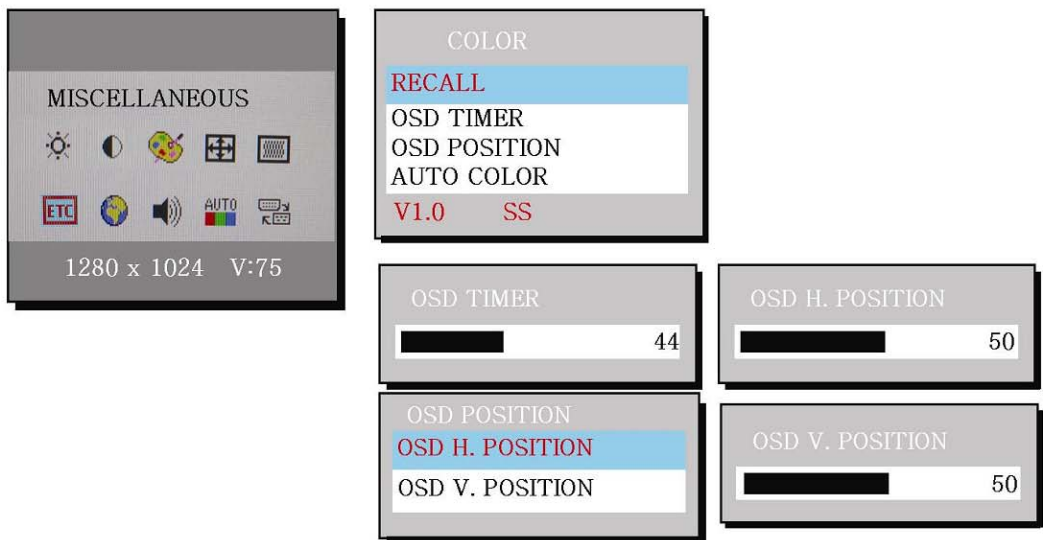


Recall : User setting becomes invalid, and returns to factory default setting.

OSD Time Control : sets time span.(0 to 60 seconds)

OSD Position : moves the OSD window location (Up, Down, Left, Right, and Center).

Auto Color : optimizes the display setting automatically.



**3. OSD (On Screen Display) Setting**

7. LANGUAGE :



Changes the OSD language.

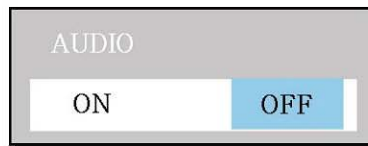


8. AUDIO :



VOLUME : adjusts the volume. (UP & Down).

AUDIO : On/Off the Audio.



### 3. OSD (On Screen Display) Setting

#### 9. AUTO ADJUST :



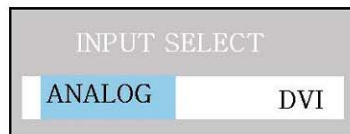
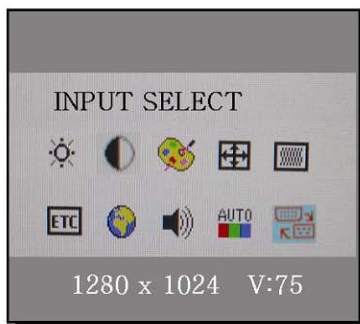
Adjusts the display automatically according to input mode.



#### 10. INPUT SELECT :



Converts to PC Analog Mode & Digital Mode.





## 4. WARNING

### Safety instructions

- ※ Read safety instructions and keep it for protecting LCD monitor from an accident or yourself from the danger on using of LCD panel.

※ There two main parts of safety instructions. Each meaning is like under.

 Warning– If you violated these instructions, an injury or death could happen.

 Attention– If you violated these instructions, an injury or product damage could happen.

- ※ · After reading, Please keep it on a place that can be found easily.



Warning

- ① Do not disassemble or remodel the LCD monitor.  
If you need to check, control or repair, Consult with a personnel of the service center or electronic appliance store.
- ② Do not expose to on direct sunlight, a heater abd other heating appliances.  
→ It can be the main factor of deformation or fire.
- ③ Do not put conductors(coin, hairpin, and metal) or flammable materials (paper, match, etc) into the LCD monitor through the cabinet slots.  
→ It can be the main factor of electric shock or fire.
- ④ When the power code is plugged, make sure it is securely connected.  
Do not use if there is an improper connection or damaged power code, plug or outlet.  
→ If the connection is improper, there can be an electric shock or fire.
- ⑤ Do not expose it to moist areas, like a place where there are many splashing water drops.

## 4. WARNING

- ⑥ Do not wash the monitor with water, and do not touch the power plus with wet hands.
  - It can be a crucial factor of electric shock or fire.
- ⑦ When it thunders or lightings. Pull out the power plug, and do not touch.
  - It can be a crucial factor of electric shock or fire.
- ⑧ Pull out the power plug from the outlet, when it have not been used for long time.
  - If there is many dusts on it. It can be a crucial factor of heat-generation, outbreak of fire, electric shock, electric leak, and fire.
- ⑨ When there is a smoke or a noise. Stop using, and pull out the power plug, and contact with a personnel of service center or electric appliance store.
  - If it is used continuously, it can be crucial factor of electric shock or fire.



Attention

- ① Keep the monitor a certain distance away from a wall.  
Place it on a good ventilating area.
  - The increase of internal temperature can be a factor of fire.
- ② When the monitor is installed. Place it on a stable palace.
  - The installation palace were a unstable, the installer could be injured owing to falling or it can be damaged.
- ③ Do not close the ventilating hole of monitor with a curtain or a table cloth.
  - The increase of internal temperature can be a factor of fire.
- ④ Carry the monitor safely without dropping or a scratch on panel.
  - If it were not so, it can be a factor of malfunction.

## 4. WARNING

- ⑤ When the LCD monitor is being moved to another place, Turn off the power disconnect the video cable, and pull out of the power plug.
  - Failure to do so, it can cause electric shock or fire from the LCD monitor damage and/or the code damage.
- ⑥ When the plug is pulled out , pull out holding the plug.
  - If the cod of the plug were grabbed, it would supplied the power and/or it could cause heat generation and even an outbreak of fire.
- ⑦ Make 50Cm ( 1 foot 8 inch) distance between the LCD monitor and eyes. Place viewing 0 to 15 degrees over the top of the LCD monitor.
  - The continuous close viewing and improper posture can make a decline of eyesight.
- ⑧ Do not push or scratch on surface of the LCD panel.
  - It can be damage and malfunction of the LCD monitor.
- ⑨ Pull out the power code when you clean the LCD monitor.  
Do not use a moisture rag. Do use soft rag.  
Do not use chemical products like industrial polish, abrasive, wax, etc.
  - It can cause monitor discoloration, dissolution, and split.

## 5. TROUBLESHOOTING

### Checking list

Insufficient color Black / White Display	Plug the VGA cable in both ends again.
	Install the video card of the computer again.
	Reboot the computer.
	Adjust the setting of the video card according to operating manual.
Unexpected display movement Biased display	Reset the display according to operating manual.
	Adjust the frequency and the phase(refer to the Display mode).
	It can be happened because of the signal difference with the video card. Thus adjust the display setting again.
Twinkling of the Red power light	It is on stand-by state of the monitor
Visible dots	It can be seen a few dots(red, green, gray, and blacks)
	It is a common feature of LCD panel.
	This is not related to the performance and a malfunction of monitor.

## 5. TROUBLESHOOTING

The power light went off.	Check the power code and plug in again.
“No Signal” on screen	Check the VGA cable connection, Plug in again.
“Video Mode not supported” on screen	It is out of valid frequency and resolution of the monitor.
	Check the maximum frequency and resolution. Adjust the display setting according to the checking
Steaming-image display	Check the VGA cable connection and plug in again.
	Do auto-setting
Indefinite display	Do auto-setting
Trembling/shading-image display	Match both valid frequencies and resolutions between the video card and the monitor.
	Refer to DISPLAY MODE.
Saturated/ dart display	Set the brightness and the contrast.
Unstable color display	Adjust the color setting.



## **FCC NOTICE**

THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES.  
OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITION:  
(1) THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE, AND  
(2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE RECEIVED,  
INCLUDING INTERFERENCE THAT MAY CAUSE UNDERSIRED  
OPERATION.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a 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 communication. 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 :

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer of an experienced radio/TV technician for help.

NOTE : The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.