

USER'S GUIDE

**TFT-LCD MONITOR
(SECURITY)**

LCD MONITOR
User's Guide Book

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1. INSTALLATION

1-1 Parts



AC Power Cord



VGA Signal Cable



Power Adaptor



Installation Driver



TFT LCD Monitor

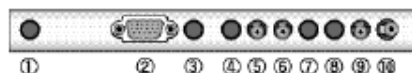


User's Guide Book



AUDIO CABLE(OPTION)

1-2 How to install



- | | | |
|-------------------------------------|-------------------|------------------|
| 1. DC in | 5. AUDIO-L | 9. CVBS-input |
| 2. Signal cable from signal source. | 6. AUDIO-R | 10. CVBS-out put |
| 3. Stereo in | 7. S-VIDEO input | |
| 4. Stereo out | 8. S-VIDEO output | |

-Attention fact-

★ When using dual-hinged monitor,
Lower hinge has to be kept above 15 degrees,
otherwise the monitor may collapse to the front.

2. FEATURES

2-1 Display Mode (15INCH)

RESOLUTION	H-Frequency(kHz)	V-Frequency(Hz)
640×350	31.47	70.0
720×400	31.47	70.0
640×480	31.47	60.0
	35.00	66.7
	37.88	72.8
	37.50	75.0
800×600	35.16	56.0
	37.88	60.3
	48.06	72.2
	46.87	75.0
832×624	49.73	75.0
1024×768	48.36	60.0
	56.48	70.1
	60.02	75.0
1280×1024	64.00	60.0
	80.00	75.0

2-2 Specifications (15INCH)

Spec	Details	
Screen size	15"	
Display size	304mm × 228mm	
Screen coating	Anti-glare & Hard-coating	
Pixel pitch	0.297 × 0.297mm	
Brightness	250cd/m ²	
Contrast scaling	450:1	
Viewing angle	65/65/50/60 (left/right/up/down)	
Response time	Tf=11msec, Tr=6msec	
Input Signal	Analog RGB 0.7Vp-p, Audio in, S-Video in, BNC in	
Speaker(Optional)	2W x 2W	
H-Frequency	30~81kHz	
V-Frequency	55~75Hz	
Resolution	1024 × 768 @ 75Hz	
Panel color	16.7M Colors	
Power	30W (Normal mode)	
Consumption	5W (Power-saving mode)	
Product size	484 × 240 × 440 (W × D × H)	
Weight	Monitor	4.27kg
	Package	6.3kg

2-3 Display Mode (17INCH)

RESOLUTION	H - Frequency(kHz)	V - Frequency(Hz)
640×350	31.47	70.0
720×400	31.47	70.0
640×480	31.47	60.0
	35.00	66.7
	37.88	72.8
	37.50	75.0
	35.16	66.0
800×600	37.88	60.3
	46.08	72.2
	46.87	75.0
	49.73	75.0
1024×768	46.35	60.0
	56.48	70.1
	60.02	75.0
1280×1024	64.00	60.0
	80.00	75.0

2-4 Specifications (17INCH)

Spec	Details
Screen size	17"
Display size	337.92mm×270.34mm
Screen coating	Anti-glare & Hard-coating
Pixel pitch	0.284×0.284mm
Brightness	420cd/m ²
Contrast scaling	500:1
Viewing angle	70/70/70/80 (left/right/up/down)
Response time	Tf=6msec, Tr=2msec
Input Signal	Analog RGB 0.7Vp-p, Audio in, S-Video in, CVBS in
Speaker(Optional)	2W x 2W
H-Frequency	30~81kHz
V-Frequency	55~75Hz
Resolution	1280×1024 @ 75Hz
Panel color	16.7M Colors
Power	40W (Normal mode)
Consumption	5W (Power-saving mode)
Product size	438×149×460 (W×D×H)
Weight	Monitor
	Package

2-5 Display Mode (19INCH)

RESOLUTION	H - Frequency(kHz)	V - Frequency(Hz)
640×350	31.5	70.0
720×400	31.5	70.0
640×480	31.5	60.0
640×480	37.5	75.0
800×600	37.9	60.0
800×600	46.9	75.0
1024×768	48.4	60.0
1024×768	56.5	70.0
1024×768	64.0	75.0
1280×1024	64.0	60.0
1280×1024	80.0	75.0

2-6 Specifications (19INCH)

Spec	Details
Screen size	19"
Display size	375mm×301mm
Screen coating	Anti-glare & Hard-coating
Pixel pitch	0.294×0.294mm
Brightness	400cd/m ²
Contrast scaling	500:1
Viewing angle	70/70/75/85 (left/right/up/down)
Response time	Tf=10msec, Tr=3msec
Input Signal	Analog RGB 0.7Vp-p, Audio in, S-Video in, CVBS in
Speaker(Optional)	2W x 2W
H-Frequency	30~81kHz
V-Frequency	50~75Hz
Resolution	1280×1024 @ 75Hz
Panel color	16.7M Colors
Power	45W (Normal mode)
Consumption	5W (Power-saving mode)
Product size	495×155×508 (W×D×H)
Weight	Monitor
	Package

3. OSD(On Screen Display) Setting

CONTROLS AND FUNCTIONS



1/2. MENU / EXIT

MENU : Activates and exits the On Screen Display.

This button can also be used to move previous menu or status.

OSD MENU(MAIN) : Input Source, Screen, Audio, OSD, Color, Utility, Exit.

EXIT : exits the On Screen Display.

3/4. SOURCE / ▼ (DOWN)

SOURCE : Select input source, and move the previous menu.

▼ (DOWN) : This button allows user to enter the sub-menu of the activated function when down key is pressed on the main menu.

5/6. VOL (/ VOL / ENTER(▶))

Adjust the volume / Adjust menu settings and move the OSD (On Screen Display) menu.

Accepts your selection or displays the current mode.

7. POWER ON/OFF ()

Turns the power ON or OFF. There will be a few seconds delay before the display appears.

The power LED(next to the power switch) lights with green when the power is turned ON.

The power is turned off by pressing the power switch again and the power LED goes Red.

1. SELF-TEST DISPLAY

When there is no connection at PC,
the On Screen Display will show for 3 seconds

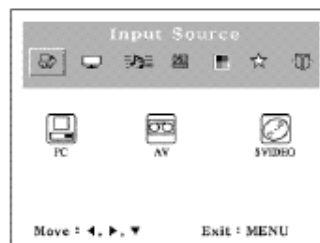


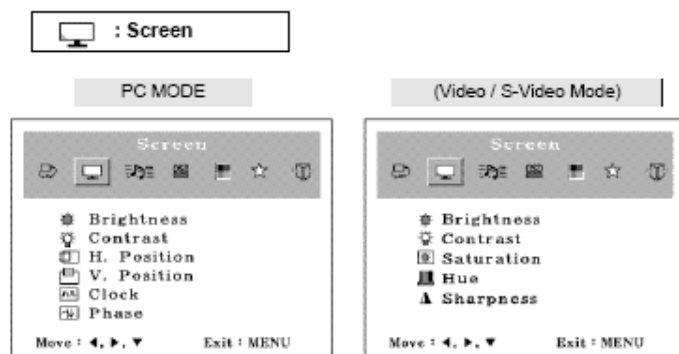
2. OSD MENU DESCRIPTION



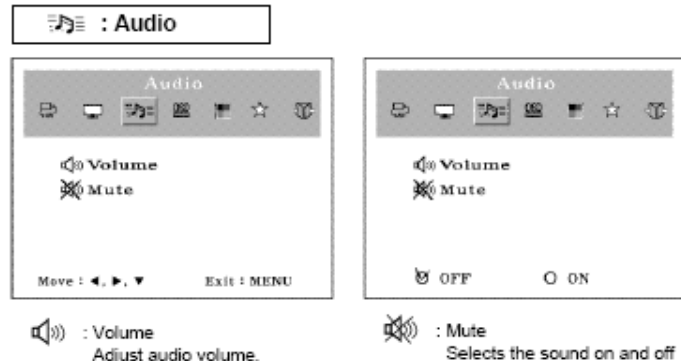
: Input Source

Select PC or AV, S-VIDEO



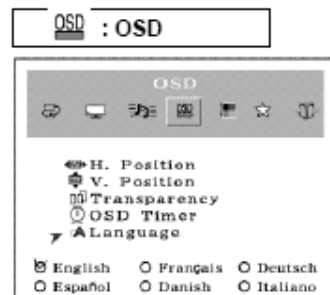


- : **Brightness**
Increase or decrease the intensity of the image.
- : **Contrast**
Increase or decrease the intensity (lightness or dimness) of the image.
- : **H. position (PC Mode)**
Move image horizontally on screen right or left.
- : **V. position (PC Mode)**
Move image vertically on screen up or down.
- : **Clock (PC Mode)**
Adjust the vertical noise of screen image.
- : **Phase (PC Mode)**
Adjust the number of horizontal picture elements.
- : **Hue (AV / S-VIDEO Mode)**
Adjust the tone of color.
- : **Saturation (AV/ S-VIDEO Mode)**
Adjust the intensity of color level.
- : **Sharpness (AV/ S-VIDEO Mode)**
Adjust the sharpness of video image.

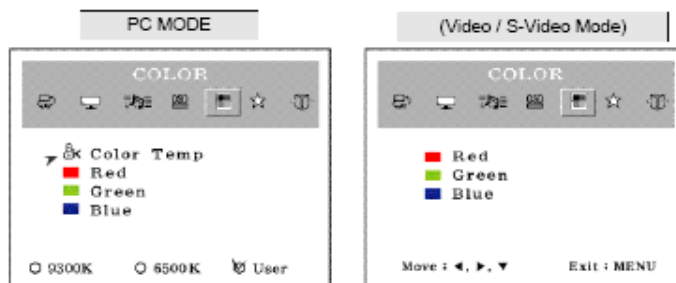


- : **Volume**
Adjust audio volume.

- : **Mute**
Selects the sound on and off



- : **H. Position**
Move the OSD position to right (▶) of left (◀)
- : **V. Position**
Move the OSD position to up (▶) of down (◀)
- : **Transparency**
Select the OSD background.
- : **OSD Timer**
Select the OSD display timing.
- : **Language**
Select a language among English, Français, Deutsch, Español, Danish, Italiano.

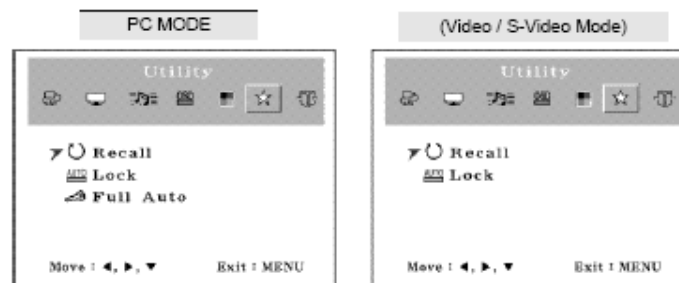
 : COLOR


 : Color Temp (PC Mode)
Adjust color temperature to 9300, 6500, user.
(note : 9300 is factory default)

 : Red
Adjust red color for user.

 : Green
Adjust green color for user.

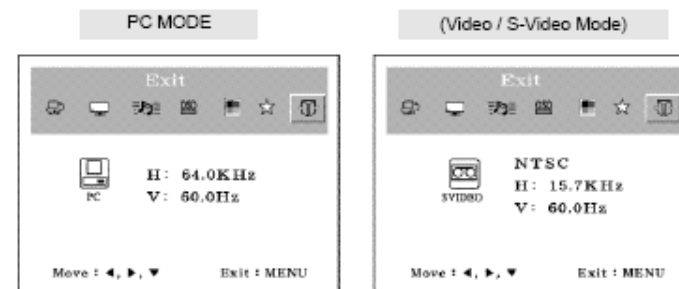
 : Blue
Adjust blue color for user.

 : Utility


 : Recall
Select to reset all setting to the factory default values.

 : Lock
Select ON or OFF (ON : Control key lock. OFF : Control key unlock)

 : Full Auto (PC Mode)
Select ON or OFF (ON : Control key lock. OFF : Control key unlock)

 : Utility


Exit : Turn off OSD Menu.

4. SAFETY INSTRUCTION

*Follow this safety instruction to use the monitor properly and prevent the damages.

* This safety instruction has "Warning" and "Caution" as below.



Warning - If the user does not follow this instruction, it may cause the serious damage to the user.



Caution - If the user does not follow this instruction, it may cause the slight damage to the user or cause some damages to the monitor.

*Save this user's guide book for later use



Warning

Never remove the back over and touch the inside of the monitor. If you need a service, please contact the service center



Keep away the monitor from the direct sunlight and a heating appliance



Never push objects of any kind into this product as they may result in a risk of fire or electric shock



Connect the power cord to the wall outlet tightly. If the power cord or plug are defective and the wall outlet is not tight, please do not use them



Warning

Do not install this monitor on the outside and near water. It may cause damage to the product, electric shock and fire.



For cleaning do not use liquid cleaners. Never touch the power plug with wet hands



When lightning and thundering, unplug the monitor from the wall outlet and never touch it.



Unplug this product from the wall outlet, when it does not operate for a long time.



When smoking and noising from the monitor, unplug the product from the wall outlet and contact a service center.



WARNING : How to fix

Do not open this product as it contains high voltage inside. It may create an electric shock.

If the user disassembles and remove the back cover, it does not make sure to make up for the damages and do a service and exchange the monitor.

! Cautions

Install this monitor some distance
From the wall and do not install unless
Proper ventilation is provided.



Place this product on a stable place.
If not, it may fall, causing serious
Damages to the monitor and people.



The openings must not be blocked by
curtain, rug or other similar surface.



When carrying this monitor, be careful
not to damage the panel and drop it.
It may cause some trouble.



Before carrying the monitor, turn it off and
Unplug the signal cables and the power cord
From the wall outlet.

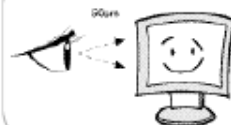


Take the power plug out from the wall
outlet.
Do not pull the cable. It may snap the inner-
wires and cause overheating and fire.



! Cautions

Install this monitor about 50cm far from
the eyes and an angle of 0-15 degrees
below eyes. Too close installation may
cause having weak sight.



Do not press the LCD panel with hands or
the sharpened material hardy.



For cleaning, unplug the monitor from the
Wall outlet. Do not use the liquid cloth.
Use the soft cloth.



Do not use the chemical liquid for cleaning.
It may cause fading and breakage.



5. INFORMATION TO THE USER

INFORMATION TO THE USER

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 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 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 or an experienced radio / TV technician for help.

WARNING

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.*

MEMO

MEMO

MEMO