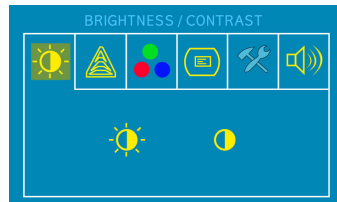


# TFT-LCD Monitor

## ■ Controls

- Adjusting OSD  
(CVBS, S-VIDEO  
MODE)

### Brightness / Contrast



**MENU** → **- +** → **SELECT**

1. Press the MENU button to access main menu.
2. Use -, + to move Brightness / Contrast ICON.
3. Press SELECT button into the submenu.

### Brightness



**- +** → **SELECT** → **- +**

1. Use -, + to move Brightness ICON.
2. Press SELECT button to select it.
3. Use -, + to adjust the brightness of the screen.

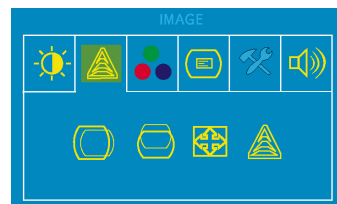
### Contrast



**- +** → **SELECT** → **- +**

1. Use -, + to move Contrast ICON.
2. Press SELECT button to select it.
3. Use -, + to adjust the Contrast of the screen.

### Image

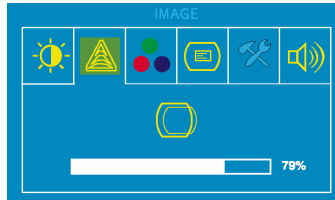


**MENU** → **- +** → **SELECT**

1. Press the MENU button to access main menu.
2. Use -, + to move Image ICON.
3. Press the SELECT button to go in the submenu.

# TFT-LCD Monitor

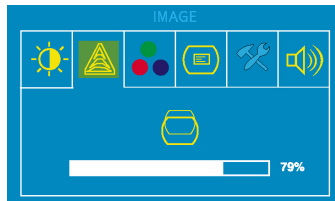
## Horizontal Position



— + —> **SELECT** —> — +

1. Use — , + to move H-Position ICON.
2. Press SELECT button to select it.
3. Use — , + to adjust display left or right.

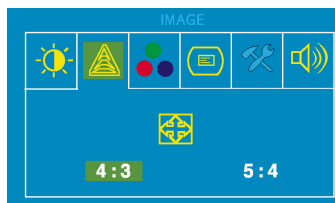
## Vertical Position



— + —> **SELECT** —> — +

1. Use — , + to move V-Position ICON.
2. Press SELECT button to select it.
3. Use — , + to adjust display upward or downward.

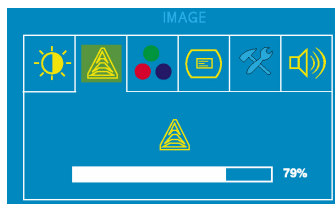
## Aspect Ratio



— + —> **SELECT** —> — +

1. Use — , + to move Aspect Ratio ICON.
2. Press the SELECT button to select it.
3. Use — , + to select 4:3 or 5:4.

## Sharpness

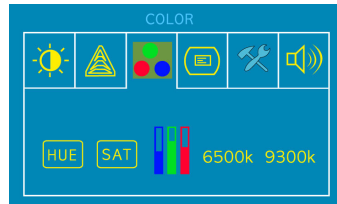


— + —> **SELECT** —> — +

1. Use — , + to move Sharpness ICON.
2. Press SELECT button to select it.
3. Use — , + to adjust the sharpness. (Adjust the clearness of the screen)

# TFT-LCD Monitor

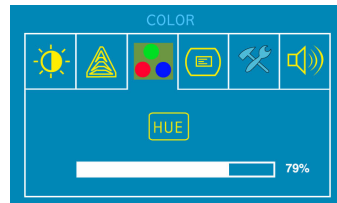
## Color



**MENU** → **- +** → **SELECT**

1. Press MENU button to access main menu.
2. Use -, + to move Color ICON.
3. Press SELECT button into the submenu.

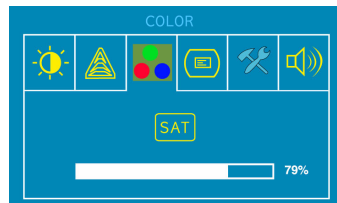
## HUE



**- +** → **SELECT** → **- +**

1. Use -, + to select the HUE ICON.
2. Press SELECT button to select it.
3. Use -, + to adjust the HUE.

## Saturation

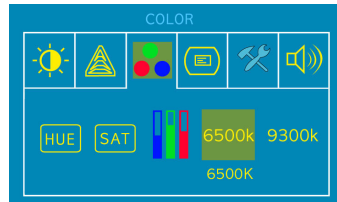


**- +** → **SELECT** → **- +**

1. Use -, + to select the Saturation ICON.
2. Press SELECT button to select it.
3. Use -, + to adjust the saturation.

# TFT-LCD Monitor

## Preset Color

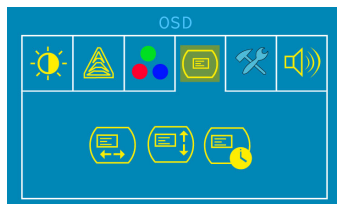


**- + → MENU**

1. Use -, + to select the Mode 1, and Mode 2.
2. Press the Menu button to return to the previous state.

9300K : Slightly Bluish white. 6500K : Slightly Reddish white.

## OSD



**MENU → - + → SELECT**

1. Press Menu button to access main menu.
2. Use -, + to move OSD ICON.
3. Press SELECT button into the submenu.

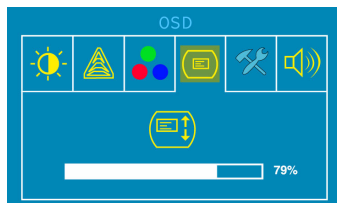
## OSD H-Position



**- + → SELECT → - +**

1. Use -, + to move OSD H-Position ICON.
2. Press SELECT button to select it.
3. Use -, + to adjust OSD left or right.

## OSD V-Position

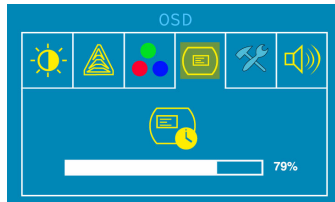


**- + → SELECT → - +**

1. Use -, + to move OSD V-Position ICON.
2. Press SELECT button to select it.
3. Use -, + to adjust OSD upward or downward.

# TFT-LCD Monitor

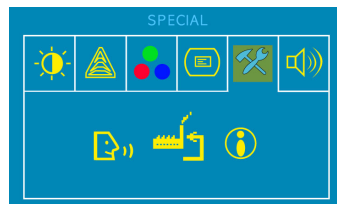
## OSD Time



**- + → SELECT → - +**

1. Use -, + to move OSD Time ICON.
2. Press SELECT button to select it.
3. Use -, + to adjust OSD display time.
4. Press Menu button to return main menu.

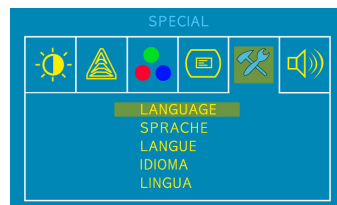
## Special



**MENU → - + → SELECT**

1. Press the MENU button to access main menu.
2. Use -, + to move Special ICON.
3. Press SELECT button into the submenu.

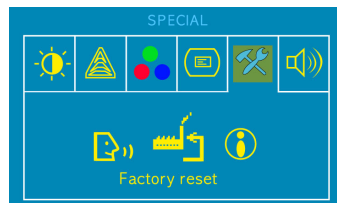
## Language



**MENU → - + → SELECT → - +**

1. Use -, + to move the Language ICON.
2. Press SELECT button to select it.
3. Use -, + to select language.

## Factory Reset



**- + → SELECT**

1. Use -, + to move the Factory Reset ICON.
2. Press SELECT button to return to default setting.

# TFT-LCD Monitor

## Information



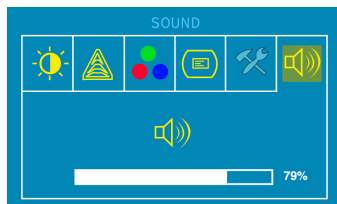
**MENU** → **- +** → **SELECT**

1. Use **- , +** to move the Information ICON.
2. Press **SELECT** button to select it.

According to the characteristic of video card, display information can be incorrect.

※ You can know display information.

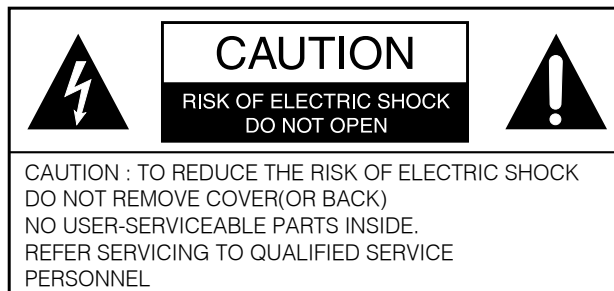
## Sound



**MENU** → **- +** → **SELECT**

1. Use **- , +** to decrease or increase volume level.
2. Press **SELECT** button to select it.
3. Use **- , +** to control volume.

## Caution



The lighting 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.



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.

# TFT-LCD Monitor

## ■ Power Management Feature

The monitor is equipped with a power saving circuit that conforms to the world-standard Display Power Manager Signalling (DPMS) mode of Video Electronics Standard Association(VESA).

The power management feature requires that the video card of the computer should support DPMS function.

| Status      | LED Sign       | Power Consumption |
|-------------|----------------|-------------------|
| Normal mode | Green ON       | Normal Power      |
| DPMS mode   | Green Blinking | 3W or Below       |

| DPMS with Audio |             |
|-----------------|-------------|
| Mute ON         | 3W or Below |
| Mute OFF        | 5W or Below |

### **No image is displayed with Green blinking.**

Monitor is in power saving mode.

Use mouse or keyboard to release power saving mode.

### **No image is displayed without LED on.**

Power cable plug must be pulled out.

Check the power plug on monitor and on the wall.

### **"Out of range" displayed on the screen.**

This message is displayed when the signal from video card exceeds the maximum frequency of the monitor. Readjust resolution and frequency in accordance with the monitor capacity. (Refer to Standard Signal Table)

# TFT-LCD Monitor

## ■ Standard Signal Table

### PC Supported Mode

| Resolution         | Horizontal Frequency(kHz) | Vertical Frequency(Hz) | Clock Frequency (MHz) | Sync Polarity (H/V) |
|--------------------|---------------------------|------------------------|-----------------------|---------------------|
| VGA (720 x 400)    | 31.469                    | 70.087                 | 28.322                | - / +               |
| VGA (640 x 480)    | 31.469                    | 59.940                 | 25.175                | - / -               |
| VGA (640 x 480)    | 37.500                    | 75.000                 | 31.500                | - / -               |
| SVGA (800 x 600)   | 37.900                    | 60.320                 | 40.000                | + / +               |
| SVGA (800 x 600)   | 46.875                    | 75.000                 | 49.500                | + / +               |
| XGA (1024 x 768)   | 48.363                    | 60.004                 | 65.000                | + / +               |
| XGA (1024 x 768)   | 60.023                    | 75.029                 | 78.750                | + / +               |
| SXGA (1280 x 1024) | 63.981                    | 60.020                 | 108.000               | + / +               |
| SXGA (1280 x 1024) | 79.976                    | 75.025                 | 135.000               | + / +               |
| MAC (640 x 480)    | 35.000                    | 66.667                 | 30.240                | - / -               |
| MAC (832 x 624)    | 49.726                    | 74.551                 | 57.284                | - / -               |
| MAC (1152 x 870)   | 68.681                    | 75.062                 | 100.000               | - / -               |

### DVR Supported Mode

| Resolution         | Horizontal Frequency(kHz) | Vertical Frequency(Hz) | Clock Frequency (MHz) | Sync Polarity (H/V) |
|--------------------|---------------------------|------------------------|-----------------------|---------------------|
| NTSC 1 (616 x 452) | 31.469                    | 59.940                 | 24.5454               | - / -               |
| NTSC 2 (680 x 452) | 31.469                    | 59.940                 | 27.000                | - / -               |
| PAL 1 (736 x 544)  | 31.250                    | 50.000                 | 29.500                | - / -               |
| PAL 2 (680 x 544)  | 31.250                    |                        | 27.000                | - / -               |

# TFT-LCD Monitor

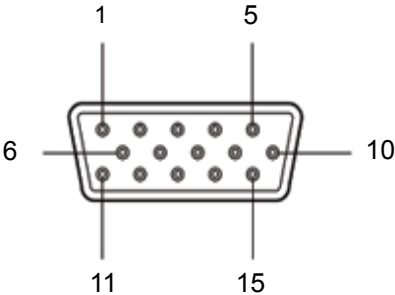
## ■ Specifications

| ITEM                 |                      | H950V(B19AC)                                                             |                          |
|----------------------|----------------------|--------------------------------------------------------------------------|--------------------------|
| LCD Panel            | Type                 | Amorphous active matrix super TFT LCD                                    |                          |
|                      | Screen Size          | 48.3cm (Diagonal)                                                        |                          |
|                      | Maximum Resolution   | 1280 X 1024 @ 75Hz                                                       |                          |
|                      | Pixel Range          | 0.294mm X 0.294mm                                                        |                          |
|                      | Display Colors       | 16.7M Color                                                              |                          |
|                      | Contrast Ratio       | 600 : 1                                                                  |                          |
|                      | Viewing Angle        | 85° / 85° / 85° / 85° (Left / Right / Up / Down)                         |                          |
|                      | Response Time        | 25 msec                                                                  |                          |
|                      | Luminance            | 250 cd/m <sup>2</sup>                                                    |                          |
| Synchronization      | Horizontal Frequency | 79.9 kHz(Max.)                                                           |                          |
|                      | Vertical Frequency   | 75 (Max.)                                                                |                          |
| Power Consumption    | Maximum              | 48 W                                                                     |                          |
|                      | Power Saving Mode    | Under 3 W                                                                |                          |
| Contol Key           | Front Part           | SOURCE, MENU / EXIT, AUTO / SELECT, POWER,<br>— / ☀ , + / ● , VOL / MUTE |                          |
| Input Signal         | Input                | Video : Analog RGB (0.7 Vpp) 75ohm,<br>Composite in (BNC), S-VHS in      |                          |
|                      | Connector            | 15-pin Mini D-sub, Stereo, S-VHS, BNC                                    |                          |
| Output Signal        | Output               | Video Composite out (BNC)                                                |                          |
| Compatibility        | IBM                  | VGA, SVGA, XGA, SXGA                                                     | Normal & Ergonomic Modes |
|                      | Video                | NTSC / PAL standard                                                      |                          |
| Audio Output         | Normal               | 1W / Ch                                                                  |                          |
|                      | Max                  | 1.5W / Ch                                                                |                          |
| Power Supply         |                      | Input : 100-240 Vac (50/60Hz), 0.6A                                      |                          |
| Wall Mount           |                      | VESA Standard                                                            |                          |
| Safety Standard& EMI | Safety Standard      | UL/C-UL, CE(LVD)                                                         |                          |
|                      | EMI                  | FCC, CE(EMCD)                                                            |                          |
| Dimension            | Size and Weight      | 418 X 200 X 437.2 / 6.3Kg                                                |                          |

# Moniteur TFT-LCD

## ■ Table D-Sub d'Assignment des broches 15 broches de connexion

| No. de broche | Affectation                    |
|---------------|--------------------------------|
| 1             | Vidéo rouge                    |
| 2             | Vidéo vert                     |
| 3             | Vidéo bleu                     |
| 4             | Pas de connexion               |
| 5             | GND                            |
| 6             | GND-R                          |
| 7             | GND-V                          |
| 8             | GND-B                          |
| 9             | Entrée 5V                      |
| 10            | GND                            |
| 11            | GND                            |
| 12            | Données DDC                    |
| 13            | Sync H                         |
| 14            | Sync V                         |
| 15            | SCL(ligne d'horloge de donnees |



(15 broches D-Sub)

# TFT-LCD Monitor

## ■ Troubleshooting

| Problem                                                      | Solution                                                                                                                                                                                                                     |
|--------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Power LED is dark.<br>No picture.                            | <ul style="list-style-type: none"> <li>■ Check the power connection. (Refer to <b>Introduction</b>)</li> </ul>                                                                                                               |
| OSD, “check RGB (CVBS, S-VIDEO)” is displayed on the screen. | <ul style="list-style-type: none"> <li>■ Check the the signal cable or signal Source. (Refer to <b>Introduction</b>)</li> </ul>                                                                                              |
| Screen looks to be run down.                                 | <ul style="list-style-type: none"> <li>■ Perform Auto-config.</li> </ul>                                                                                                                                                     |
| Screen is not clear.                                         | <ul style="list-style-type: none"> <li>■ Remove attaches to the signal line (Video extension cable and others) and switch on.</li> <li>■ Perform Auto-config.</li> <li>■ Adjust clock and PHASE.</li> </ul>                  |
| Display is unstable and trembling.                           | <ul style="list-style-type: none"> <li>■ Check the resolution and frequency of computer and video card, and set up again refer to the current monitor mode and <a href="#">standard signal mode table</a>.</li> </ul>        |
| Color is irregular.                                          | <ul style="list-style-type: none"> <li>■ Adjust COLOR at <a href="#">User Mode</a> in OSD Color Menu.</li> </ul>                                                                                                             |
| Double images or ‘ghosts’.                                   | <ul style="list-style-type: none"> <li>■ Check the resolution and frequency of computer and video card, and set up again in reference to the current monitor mode and <a href="#">standard signal mode table</a>.</li> </ul> |
| Picture is dark.                                             | <ul style="list-style-type: none"> <li>■ Adjust COLOR at <a href="#">User Mode</a> in OSD Color Menu.</li> </ul>                                                                                                             |
| Picture is biased or cut or too wide.                        | <ul style="list-style-type: none"> <li>■ Perform Auto-config.</li> </ul>                                                                                                                                                     |
| Power LED turns into Green blinking.                         | <ul style="list-style-type: none"> <li>■ Monitor is in <a href="#">DPMS mode</a>.</li> </ul>                                                                                                                                 |
| NO SOUND.                                                    | <ul style="list-style-type: none"> <li>■ Check the voice signal connection code or <a href="#">adjust volume</a>.</li> </ul>                                                                                                 |