

6 Operation Guide

6.1 Installation

This monitor is designed for RGB and Video monitor using 19" TFT LCD panel.

This section provides some guidelines for assembly and preparation of a finished display solution.

Before proceeding, it is important to familiarize yourself with the parts making up a system and the various connectors, mounting holes and general layout of the monitor. Please follow the below procedure.

1. Appearance Inspection

Please check the monitor whether it is damaged in appearance or not during transportation.

And assemble this monitor to your system or applications.

2. Signal Inputs Connection

Analog input and Video input Signal is available. Please refer to the clause 4.5 Connector

Pin Assignment and connect the signal which you want to apply to the monitor.

Especially, the Analog RGB and Video cable may affect the visual characteristics and regulatory emission test. So, a suitably shielded cable should be used.

3. Power Input Connection

Refer to the 4.5 Connector Pin Assignment and connect the power input cable to the monitor.

Every connection is done but you should consider electrical insulation, grounding, EMI shielding and heat & ventilation.

4. Apply Power

Apply power and turn on the monitor and refer to the following clause.

6.2 OSD Adjustment

DSM-S190A(B) gives various and very easy graphic user interface. User can easily access to the functions that user wants. Be sure that your system power and LED is turned on before operating key board.

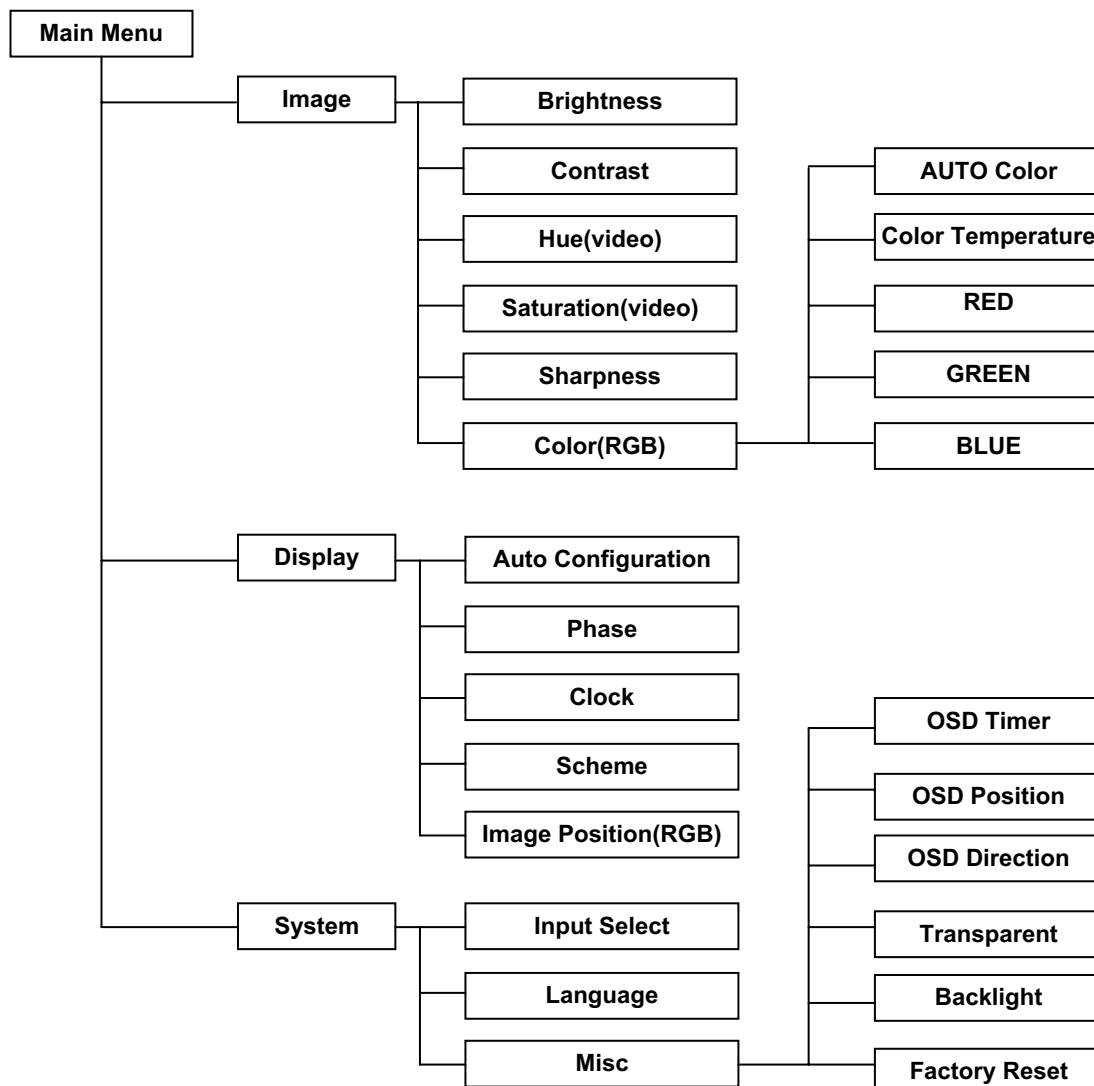
6.2.1 Key name and Function

Key Name	Description
Menu	On/Off menu-osd, going to from sub-icon to top icon
DOWN	Decreases the adjustment of the selected item. Auto-adjust hot key in RGB
UP	In menu on, select the sub-menu and increases the adjustment of the selected item.
SEL	Selects the function(RGB/CVBS/SVHS/MPEG), In menu on, move the cursor
POWER	Turns On/Off the system

Accessing the menu system

1. With the OSD off, push the **Menu** button to activate the main OSD menu.
2. Use the **SEL** button to move to icon. As you move from one icon to another, the function name changes to reflect the function or group of functions represented by that icon. Please refer to the following clause on the next page to view a complete list of all of the functions available for the driver board.
3. Press the **DOWN** button to auto-adjust clock, phase, position of PC input when osd off status. Press the **DOWN** button to decrease value of the selected item.
4. Press the **Menu** button once to return to the main menu to select another function or press twice to exit from the OSD.
5. Press the UP button to select the sub-icon or press twice to increase value of the selected icon

6.2.2 OSD Structure



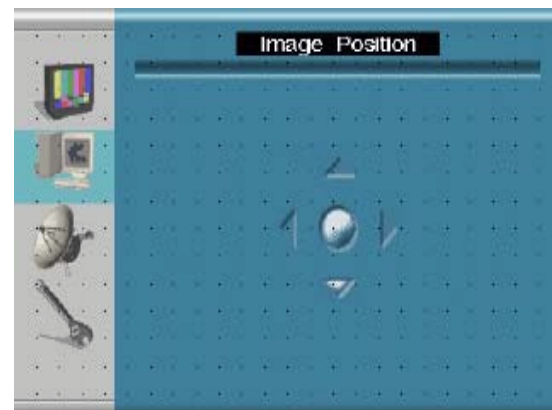
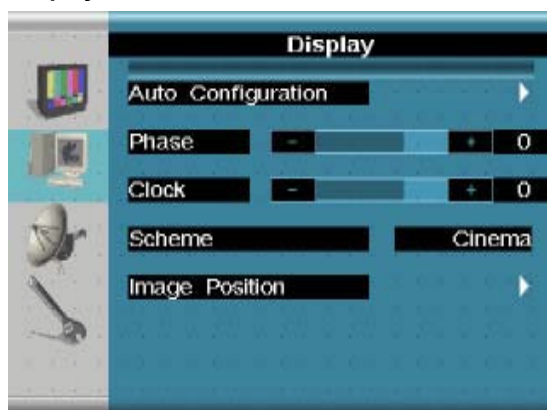
6.2.3 Functions on OSD Menu

Image Menu



- **Brightness** : adjust the Brightness of the screen
- **Contrast** : adjust the contrast of the screen
- **Hue** : adjust the Hue of the video(Enabled in video function)
- **Saturation** : adjust the color saturation of the video(Enabled in video function)
- **Sharpness** : adjust the sharp of image
- **Color** : adjust the color items of screen, it goes the sub osd menu.(Enabled in RGB function)
- **Auto Color** : Calibrate input pixels; it expands dynamic range
- **Color Temperature** : Adjust the color temp; 9300K,7500K,6500K,5000K,4200K,User Mode
- **RED** : Adjust the Red gain-value(Enabled in User Mode)
- **GREEN** : Adjust the Green gain-value(Enabled in User Mode)
- **Blue** : Adjust the Blue gain-value(Enabled in User Mode)

Display Menu



- **Auto Configuration** : Adjust the clock/phase/position of display automatically(Enabled in RGB function)
- **Phase** : Adjust the phase of the input display(Enabled in RGB function)
- **Clock** : Adjust the clock(frequency) of the input display(Enabled in RGB function)
- **Scheme** : Adjust environment image of the screen; Normal, Vivid, Cinema
- **Image Position** : Adjust the image position(Enabled in RGB function) It goes the sub osd-menu.

System Menu



- **Input Select** : Selects the input signal (RGB-COMPOSITE-SVIDEO)
- **Language** : Adjust the OSD language.
- **Misc** : It goes to Misc,. sub-menus.
 <<Information 1024x768@100Hz>> display the input mode.
- **OSD Timer** : Adjust the OSD off timer (Off-2sec-4sec~20sec)
- **OSD Position** : Adjust the OSD position
- **OSD Direction** : Adjust the OSD direction
- **Backlight** : Adjust the dimming voltage.
- **Factory Reset** : Initialize the menu value.