

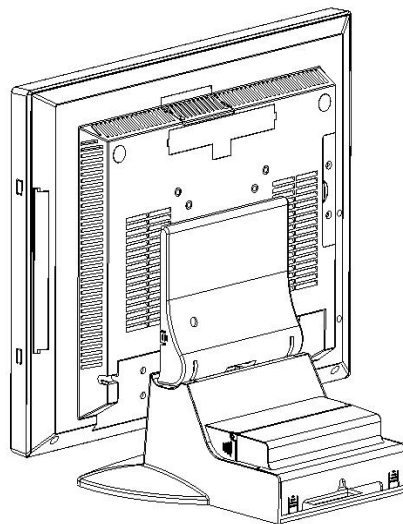
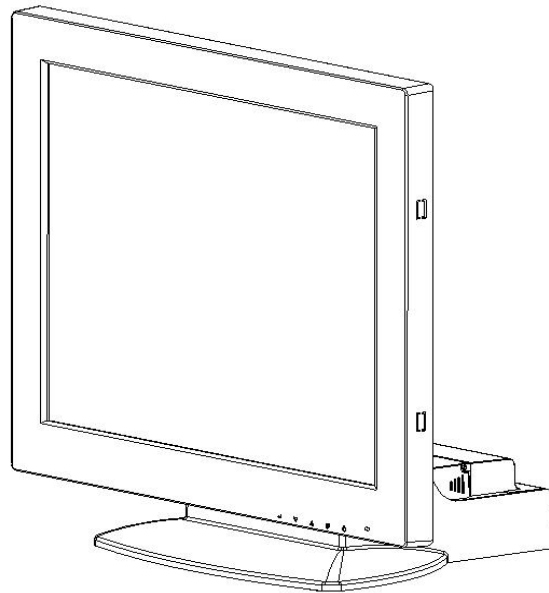
EC-TS-1515 Touch Screen Monitor

User Manual



1. Introduction

Front view with stand

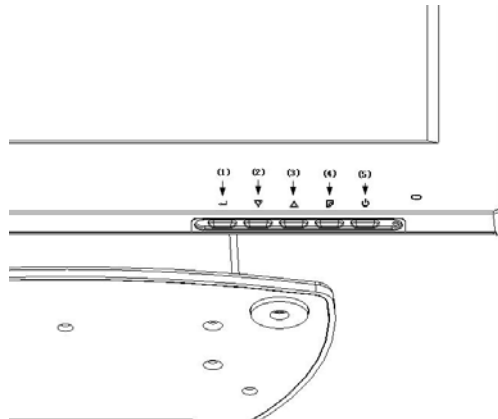


Back view with 15-pin D-sub and optional PS2 connector

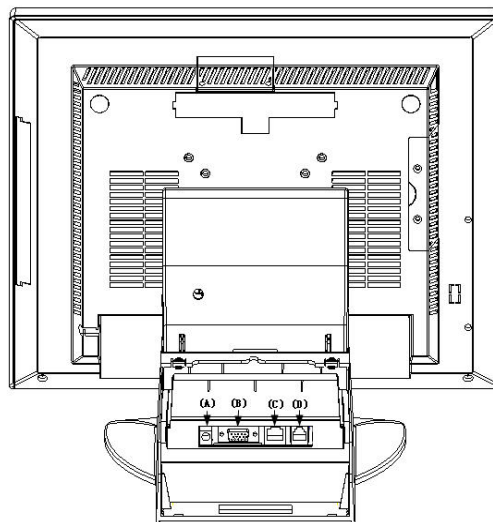
1.1 Accessories:

- VGA Signal Cable
- 12VDC, 1.5A Power Adaptor
- PS/2 cable for MCR (optional)
- USB cable for Touch Screen (optional)

2. Setup



- (1)—Exit button
- (2), (3)—Level adjustment button
- (4)—OSD Menu display button
- (5)—Power button



- (A) Power adaptor port
- (B) VGA 15-pin, D-sub connector
- (C) MCR port (optional)
- (D) Touch screen port (optional)

2.1 Steps to install the monitor





1. Plug the Power Adaptor for the monitor into a nearby outlet. Connect the Adaptor to the power port (b) on the back of the monitor.
2. Set the display resolution to 1024 x 768 60Hz in your PC. Connect the VGA signal cable from the D-sub (Analog) connector on the video card of your PC to the 15-pin, D-sub connector (a) on the back of your monitor. If your monitor displays an image, installation is complete.
3. If your monitor have touch screen or MCR function, connect the touch screen cable from port (D) to the USB of the PC and MCR cable from port (C) to the PS/2 keyboard plug of the PC.

2.2 VESA mounting:

1. Turn off the monitor and unplug the Power Adaptor.
2. Remove the stand by taking out the cap and the three screws in the rear.
3. Align the VESA mount with the holes in the VESA compliant mounting pad and secure it with the four screws supplied with the arm-type base, wall mount hanger or other base.

3. On-Screen Display (OSD)

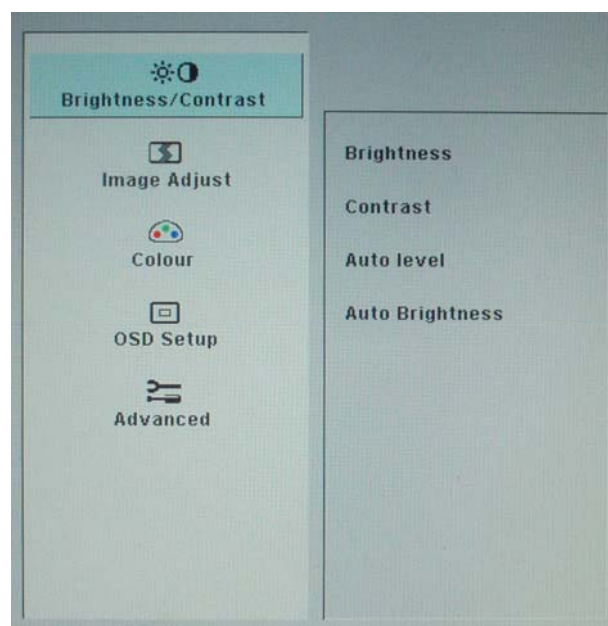
The OSD panel control is in the right hand side of the panel. There are five buttons and their functions are listed below:

1. **Power** button is to power on or off the panel. 
2. **Menu** button is to open/exit the OSD main menu and enter the sub-menus. 
3. **Up** and **Down** buttons are to adjust level of the selected items in the menu. 
4. **Exit** button is to quit the items in the sub-menus. 

3.1 Main Menu:

The main menu is opened by using the **Menu** button. In the main menu, there are five sub-menus: **Brightness/Contrast**, **Image Adjust**, **Color**, **OSD Setup** and **Advanced**. The sub-menus can be selected by pressing the **Up** and **Down** buttons and entered by pressing **Menu** button.

The OSD menu is exited by pressing the **Exit** button.



3.2 Brightness/Contrast:

There are four items in **Brightness/Contrast: Brightness, Contrast, Auto level and Auto Brightness.**

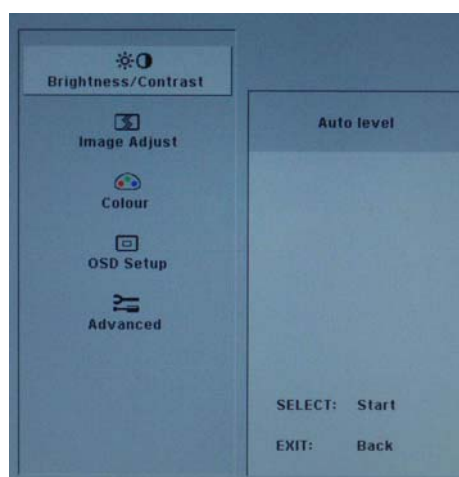
3.2.1 Brightness, Contrast:

1. Select the items by pressing the **Up** and **Down** buttons and enter by pressing **Menu** button;
2. The value bar is displayed. Its value is started from 0 to 100;
3. Adjust the brightness by using the Up or Down button;
4. Push **Exit** button to quit.



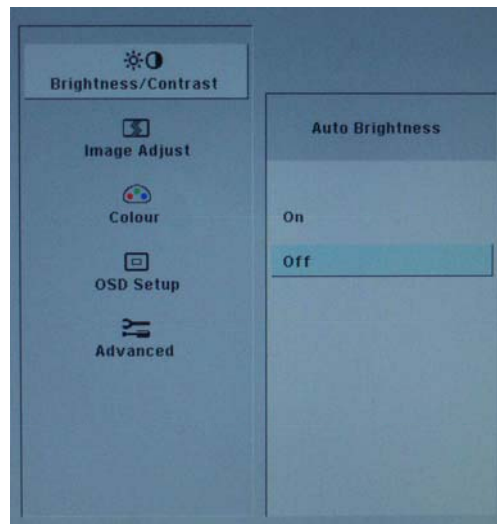
3.2.2 Auto level:

1. Push the Menu button to open the sub-menu as the icon is highlighted;
2. Push Menu button to start Auto level or Exit to quit.



3.2.3 Auto Brightness:

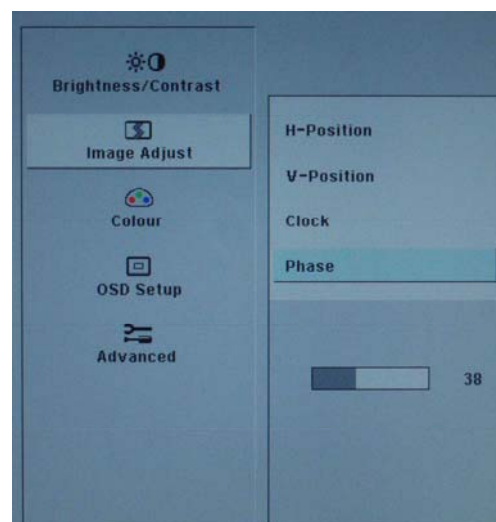
1. Push the Menu button to open the sub-menu as the icon is highlighted;
2. Push Up or Down button to select On or Off;
3. Push Exit to quit.



3.3 Image Adjust:

There are four items in **Image Adjust: H-Position, V-Position, Clock** and **Phase**.

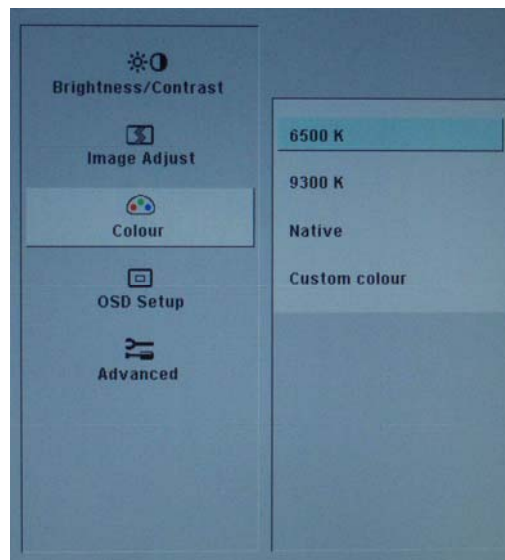
1. Select the items by pressing the **Up** and **Down** buttons and enter by pressing **Menu** button;
2. The value bar is displayed. Its value is started from 0 to 100;
3. Adjust the brightness by using the **Up** or **Down** button;
4. Push Exit button to quit.



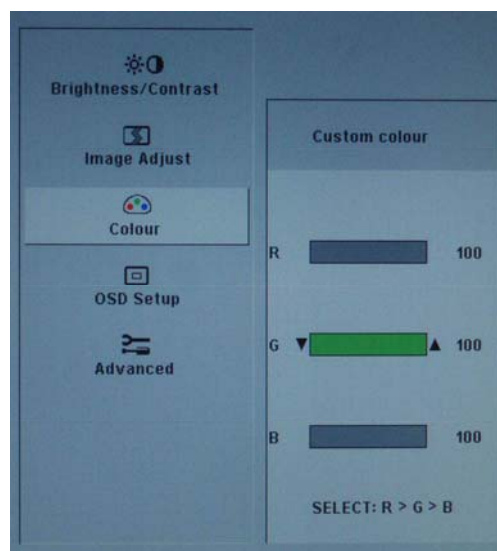
3.4 Colour:

There are four items in **Colour**: **6500K**, **9300K**, **Native** and **Custom colour**.

1. Press **Up** and **Down** then **Menu** buttons to select the items
2. When selecting **6500K**, **9300K** and **Native**, it will have a tick next to the words.



3. For **Custom colour**, press **Menu** buttons to select **R**, **B** and **G** and adjust by pressing **Up** and **Down**. Then push **Exit** to quit.

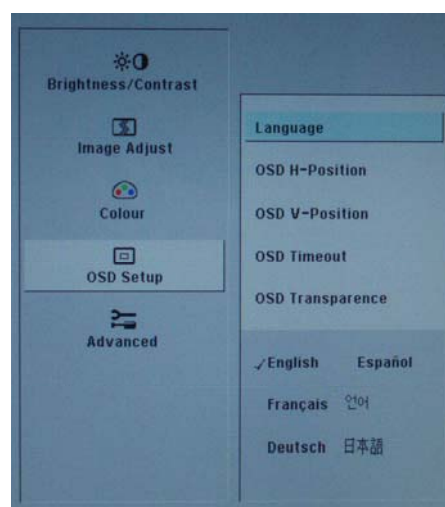


3.5 OSD Setup:

There are five items: **Language**, **OSD H-Position**, **OSD V-Position**, **OSD Timeout** and **OSD Transparence**.

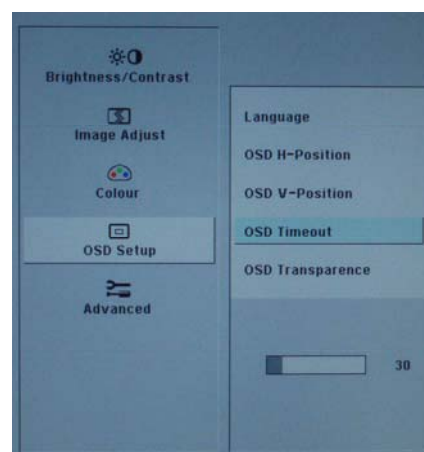
3.5.1 Language:

1. Push the **Menu** button to open the sub-menu as the icon is highlighted;
2. Select and choose the language by using the **Up** or **Down** and **Menu** button;
3. Push **Exit** button to quit.



3.5.2 OSD H-Position, V-Position, Timeout, Transparence:

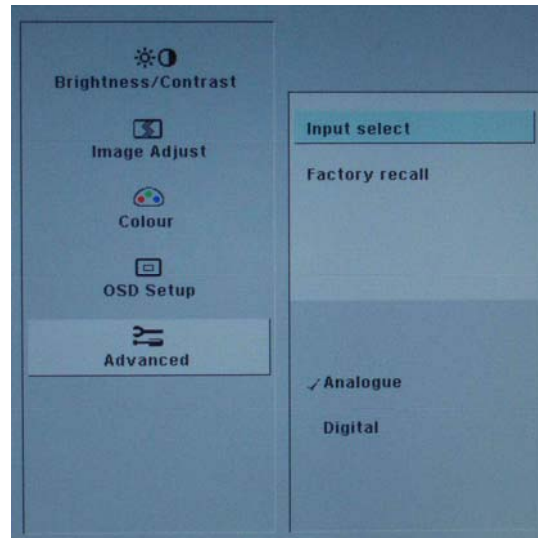
1. Select the items by pressing the **Up** and **Down** buttons and enter by pressing **Menu** button;
2. The value bar is displayed. Adjust the brightness by using the Up or Down button;
3. Push Exit button to quit.



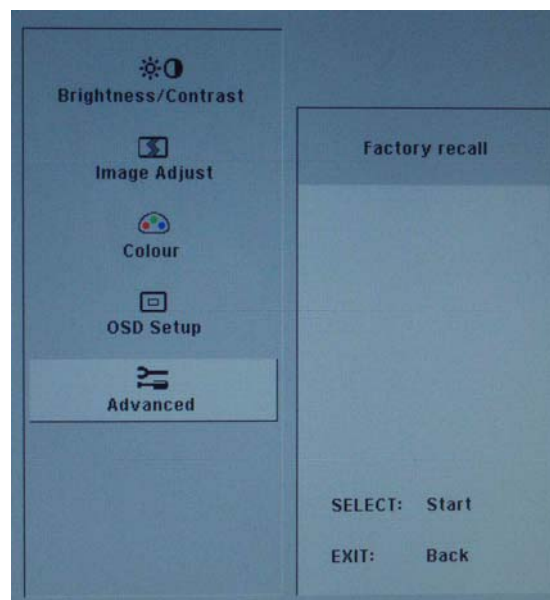
3.6 Advanced:

There are two items in **Advanced: Input select** and **Factory recall**.

1. Two items shown in **Input select** but our device would only support **Analogue**;



2. For Factory recall, push Menu button to start or Exit to quit.



3.7 Product Specification

Panel	Viewing Area	15 inches
	Resolution	1024 x 768
	Active Display Area (mm)	304.128(W) x 228.096(H)
	Display Color	16.2 M colors
	Response Time (max.)	13ms
	Contrast Ratio	700:1
	Viewing Angle Up/Down/Left/Right	65°/ 60°/ 70°/ 70°
	Luminance	225 cd/m ²
Video Input	VGA Signal	RGB Analog
Power Adaptor	Input	Universal AC100~240V, 50/60Hz
	Output	DC +12V
Power	Management	VESA DPMS
	Consumption	≤ 15W
Environment	Storage Temperature	-25°C ~ 70°C
	Operating Temperature	0°C ~ 40°C
	Operating Humidity	10% ~ 85%
Mounting	Standard	VESA compliant (100mm x 100mm)
Optional	Glass	Strengthen Glass or Touch screen

4. MSR Installation

- 1) Remove the slot cover



- 2) Get the MSR module



3) Plug the MSR cable to the small connector as shown



4) Screw the MSR module to the rear panel housing



5) Finish

