

MONITOR OSD AND SETTINGS



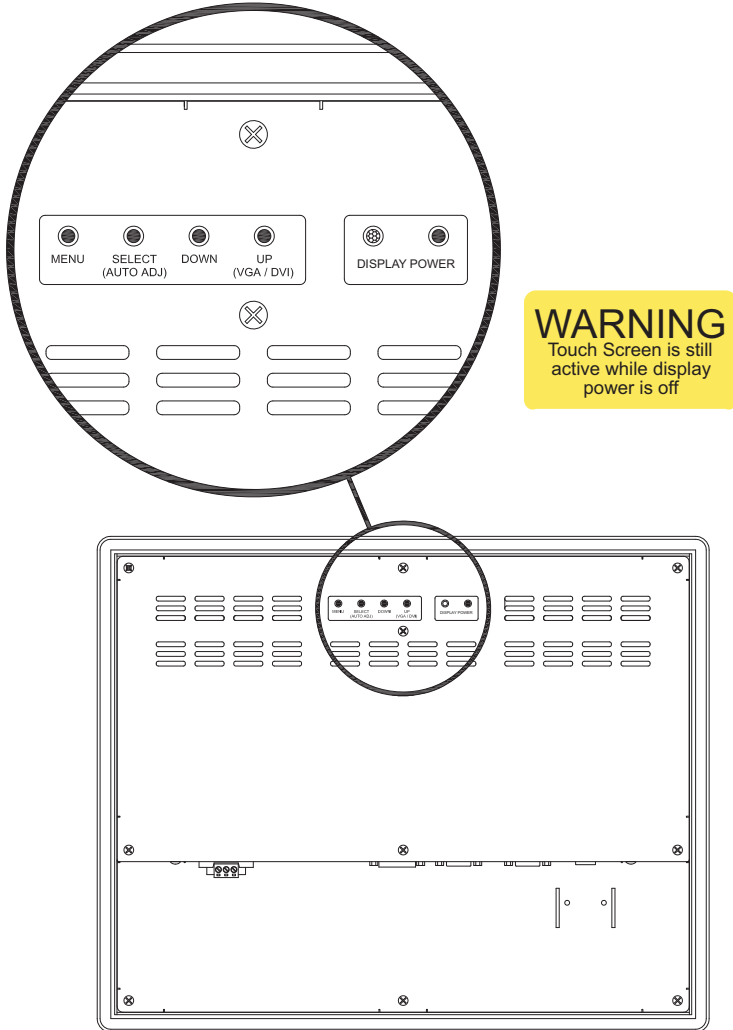
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On Screen Display (OSD) Controls

The OSD controls are used for making adjustments to the monitor's settings and are located on the back of the monitor. They consist of a single LED and five pushbuttons whose functions are described in the tables continued on the next page.

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Button and LED Functions

BUTTON	FUNCTION
DISPLAY POWER	Pressing this button once wakes the monitor up. Pressing the DISPLAY POWER button again turns off the backlight inverter and puts the monitor in a reduced power state but the touch screen remains active. It is important to note that this switch does not disconnect power from the monitor. Power is always supplied to the internal AC/DC power supply, which in turn continually supplies power to the internal monitor electronics and the optional touch screen controller.
MENU	Pressing this button causes the main OSD menu to be displayed. Pressing it again will cause the Main OSD menu to disappear. If the button is not pressed a second time, the main OSD menu will disappear after the set timeout period.
SELECT (AUTO ADJ)	When the OSD main menu is displayed, pressing this button selects one of five sub-menus. Within a sub-menu, this button selects and deselects menu choices. HOT KEY: When the OSD is not displayed, pressing this button will initiate an automatic configuration and cause the "Processing Auto Configuration" message to be displayed.
DOWN	Within the main OSD menu and sub-menus, this button acts as an down cursor key, moving the highlighted item for selection to move downward to the next highlighted item for selection. When an item has been selected from a sub-menu, pressing this key decreases its value.
UP (VGA / DVI)	Within the main OSD menu and sub-menus, this button acts as an up cursor key, moving the highlighted item for selection to move upward to the next highlighted item for selection. When an item has been selected from a sub-menu, pressing this key increases its value. HOT KEY: When the OSD main menu is not displayed, pressing this button causes the monitor to switch between VGA (PC) and DVI (Digital) video inputs.

LED	FUNCTION
Not Lit	Power off mode.
Green	Monitor is on and receiving a normal video signal.
Amber	Monitor is on but in DPMS (Display Power Management Signaling) mode because it is not receiving a normal incoming video signal.



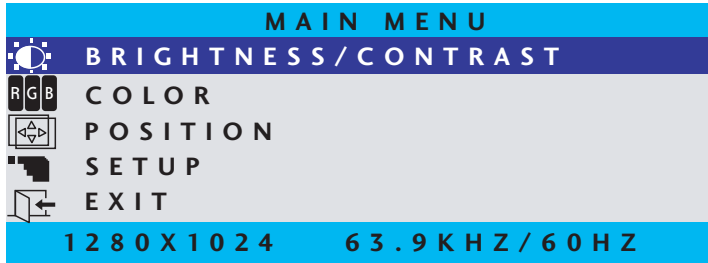
WARNING – Pressing the Display Power only removes power to the backlight inverter. The touchscreen is still active when Display Power is off.

OSD Menus and Settings

MAIN MENU

The following section describes the monitor's OSD menus and settings. With the monitor powered up and receiving a normal video signal, pressing the MENU button once will cause the following screen to appear:

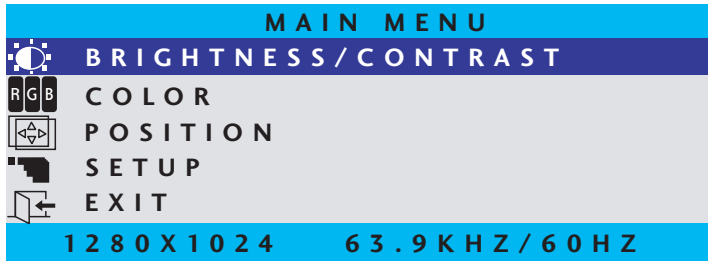
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Pressing MENU again will turn this screen off. Alternatively it will turn off after a time out period that is set in the SET UP sub-menu. Finally it can be turned off by pressing the DOWN button to move the blue highlighted band down to the EXIT sub-menu and pressing the SELECT button.

The bottom line on this screen displays the incoming video horizontal and vertical resolution and refresh rates.

BRIGHTNESS/CONTRAST



BRIGHTNESS

With BRIGHTNESS/CONTRAST highlighted on the MAIN MENU pressing SELECT will cause the following screen to be displayed:



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Pressing the SELECT button will cause the following screen to be displayed:



Pressing the UP and DOWN buttons will adjust the brightness accordingly. Pressing the SELECT button again will deselect this function causing the following screen to appear:



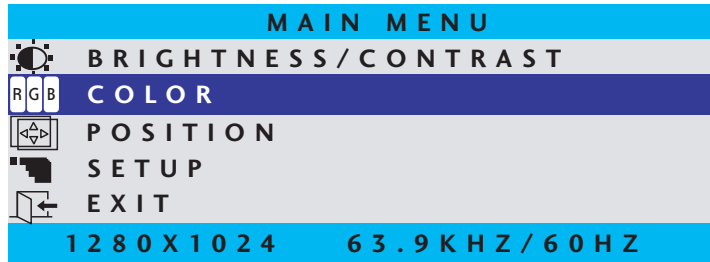
CONTRAST

Pressing the DOWN button once and the SELECT button once will cause the following screen to appear:

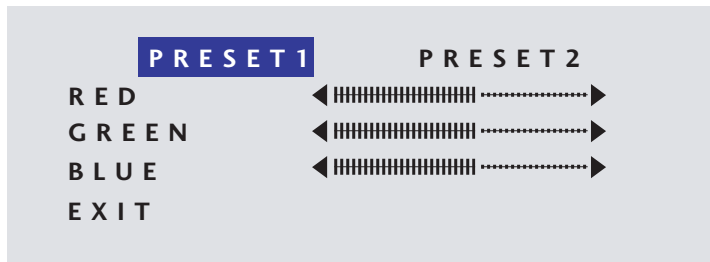


Pressing the UP and DOWN buttons will adjust the contrast accordingly. Pressing the SELECT button again will deselect this function. Press the DOWN button to highlight EXIT and then press SELECT to return to the MAIN MENU.

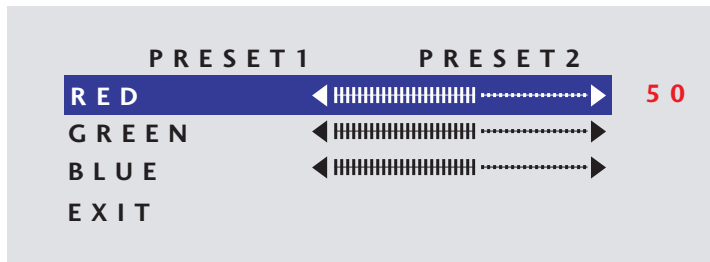
COLOR



With COLOR highlighted on the MAIN MENU pressing SELECT will cause the following screen to be displayed:



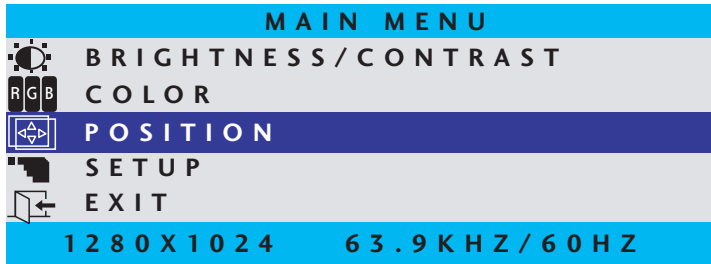
PRESET1 and PRESET2 are preset color balances. PRESET1 produces a bluer screen while PRESET2 produces a more aqua screen. Use the UP and DOWN buttons to highlight PRESET1 or PRESET2 and press SELECT to make your selection and return to the MAIN MENU. If you highlight RED GREEN or BLUE and press select, the following screen appears:



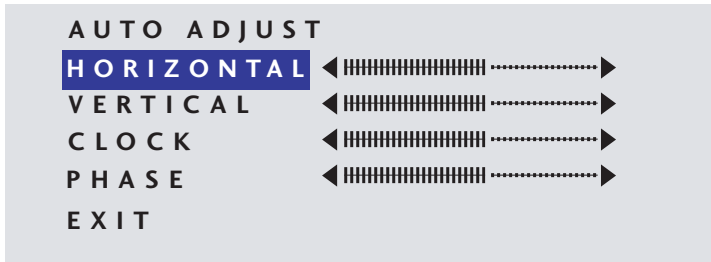
Pressing the UP and DOWN buttons causes the setting to change from the default of 50 to a value between 0 and 100. Pressing SELECT again saves the setting and deselects the menu item. Highlighting EXIT and pressing SELECT will return to the MAIN MENU.

POSITION

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With POSITION highlighted on the MAIN MENU, pressing SELECT will cause the following screen to be displayed:



AUTO ADJUST

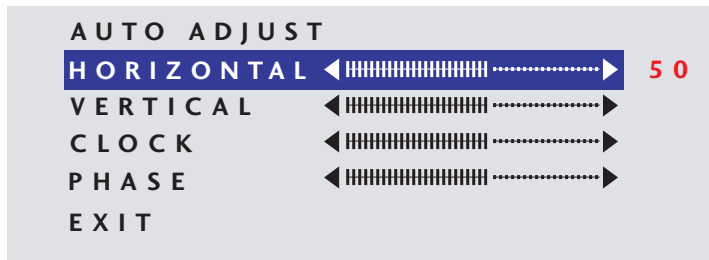
Highlighting AUTO ADJUST and pressing SELECT will initiate an automatic configuration and cause the "Processing Auto Configuration" message to be displayed.



During the auto configuration process, the monitor automatically centers the screen horizontally and vertically, sets the clock and optimizes the phase. After the process is complete, the screen is cleared of the OSD menu.

HORIZONTAL

With HORIZONTAL highlighted on the POSITION menu, pressing SELECT will cause the following screen to be displayed:



Pressing the UP button causes the screen to move to the right while pressing the DOWN button causes the screen to move to the left. A setting number in the range of 0 to 100 is displayed. Pressing SELECT again will deselect the HORIZONTAL menu option and the setting will be saved.

VERTICAL

With VERTICAL highlighted on the POSITION menu, pressing SELECT will display the VERTICAL adjustment menu. Pressing UP will cause the screen to move upward and pressing DOWN will cause the screen to move downward. A setting number in the range of 0 to 100 is displayed. Pressing SELECT again will deselect the VERTICAL adjustment menu and the setting will be saved.

CLOCK

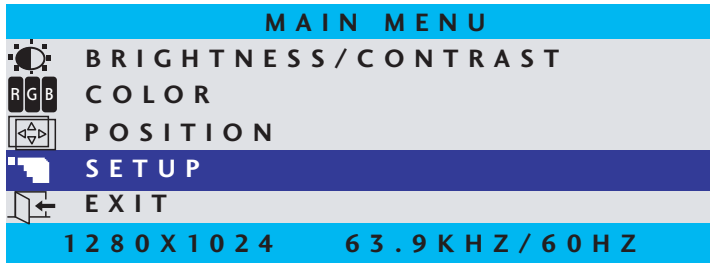
With CLOCK highlighted on the POSITION menu, pressing SELECT will display the CLOCK adjustment menu. Pressing UP increases the CLOCK and causes the screen to increase in width. Pressing the DOWN button causes the CLOCK to decrease and the screen to reduce in width. A setting number in the range of 0 to 100 is displayed. Pressing SELECT again will deselect the CLOCK adjustment menu and the setting will be saved. Adjustment of this setting is normally not needed as it is automatically set to its optimum setting each time the monitor is turned on or when AUTO ADJUSTMENT is selected.

PHASE

With PHASE highlighted on the POSITION menu, pressing SELECT will display the PHASE adjustment menu. Pressing UP increases the PHASE. Pressing the DOWN button causes the PHASE to decrease. A setting number in the range of 0 to 100 is displayed. Pressing SELECT again will deselect the PHASE adjustment menu and the setting will be saved. Adjustment of this setting is normally not needed as it is automatically set to its optimum setting each time the monitor is turned on or when AUTO ADJUSTMENT is selected.

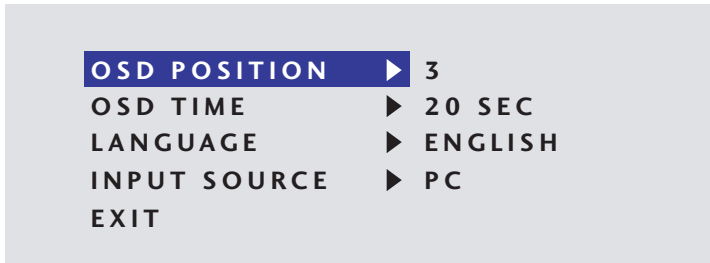
SETUP

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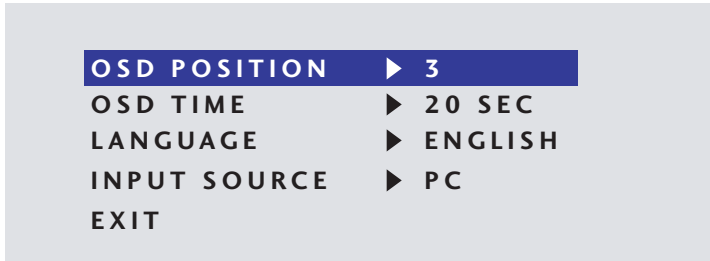


OSD POSITION

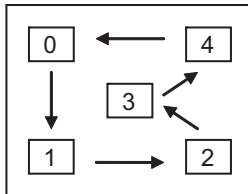
With SETUP highlighted on the MAIN MENU pressing SELECT will cause the following screen to be displayed:



With the OSD POSITION highlighted on the SETUP menu, pressing SELECT will cause the following screen to be displayed:



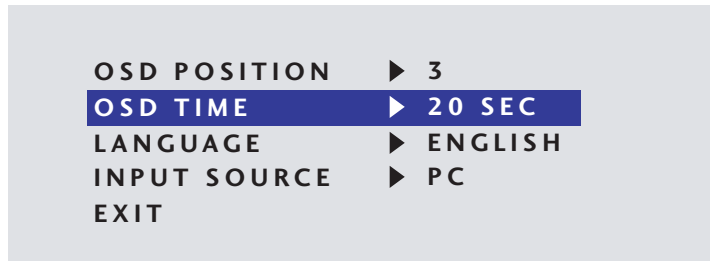
The default position of the OSD menu is 3 which is in the center of the screen. Pressing the UP or DOWN buttons will cause the OSD to move in the pattern below:



Pressing SELECT again will deselect the OSD POSITION adjustment menu and the setting will be saved.

OSD TIME

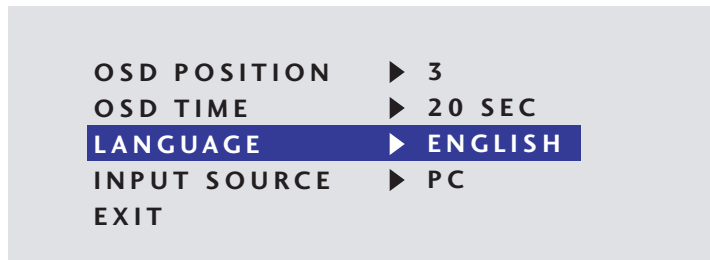
With OSD TIME highlighted on the SETUP menu, pressing SELECT will cause the following screen to be displayed:



Pressing the UP and DOWN buttons will allow adjustment of the OSD time out setting in the range from 5 to 60 seconds. Pressing SELECT again will deselect the OSD TIME menu and save the current setting.

LANGUAGE

With LANGUAGE highlighted on the SETUP menu, pressing SELECT will cause the following screen to be displayed:



Pressing the UP and DOWN buttons allows the following LANGUAGE choices:

- ENGLISH
- FRANCAIS
- DEUTSCHE
- ITALIANO
- ESPANOL

Pressing SELECT will deselect the LANGUAGE option menu and save the current selection.

INPUT SOURCE

With INPUT POSITION highlighted on the SETUP menu, pressing SELECT will cause the following screen to be displayed:

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The screenshot shows a menu with the following items: OSD POSITION ▶ 3, OSD TIME ▶ 20 SEC, LANGUAGE ▶ ENGLISH, INPUT SOURCE ▶ PC (highlighted with a blue bar), and EXIT.

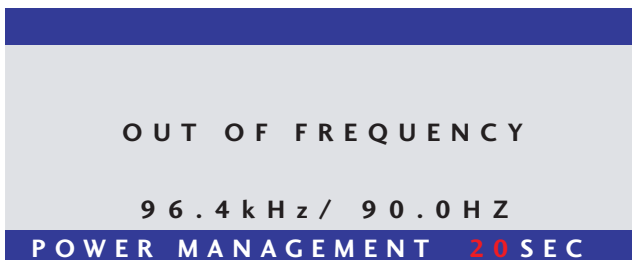
OSD POSITION	▶	3
OSD TIME	▶	20 SEC
LANGUAGE	▶	ENGLISH
INPUT SOURCE	▶	PC
EXIT		

Pressing the UP and DOWN buttons switches between PC (the 15-pin analog VGA input connector) and DIGITAL (the DVI-D input connector) Pressing SELECT will deselect the INPUT SOURCE option menu and save the current selection.

OSD Message Displays

OUT OF FREQUENCY

The following OSD message will appear if the horizontal or vertical refresh rate of the incoming video signal is outside the range of the monitor.



NO SIGNAL

When the monitor is first turned on it performs a set of self diagnostics. If no incoming video signal is detected immediately following self diagnostics, the following message will appear. This message will remain displayed indefinitely until a valid signal is detected. The LED remains green. The "PC" NO SIGNAL message indicates the monitor is setup to receive incoming video through the 15-pin analog VGA input connector.



The "DIGITAL" NO SIGNAL message indicates the monitor is setup to receive incoming video through the DVI-D input connector.



POWER SAVER MODE

The following message appears when the monitor is on but in DPMS (Display Power Management Signaling) mode. This occurs after a valid incoming video signal is no longer present or when the PC has signaled the monitor to enter the POWER SAVER MODE. The message is displayed for 5 seconds and then removed. The LED remains amber. The "PC" POWER SAVER MODE message indicates the monitor is setup to receive incoming video through the 15-pin analog VGA input connector.



PC
POWER SAVER MODE

The "DIGITAL" POWER SAVER MODE message indicates the monitor is setup to receive incoming video through the DVI-D input connector.



DIGITAL
POWER SAVER MODE

PROCESSING AUTO CONFIGURATION

The following message appears when the monitor is performing an automatic self configuration. An auto configuration can be initiated by pressing the SELECT button with no OSD screen being displayed or by selecting the AUTO ADJUST option from the POSITION OSD menu.



PROCESSING
AUTO CONFIGURATION