

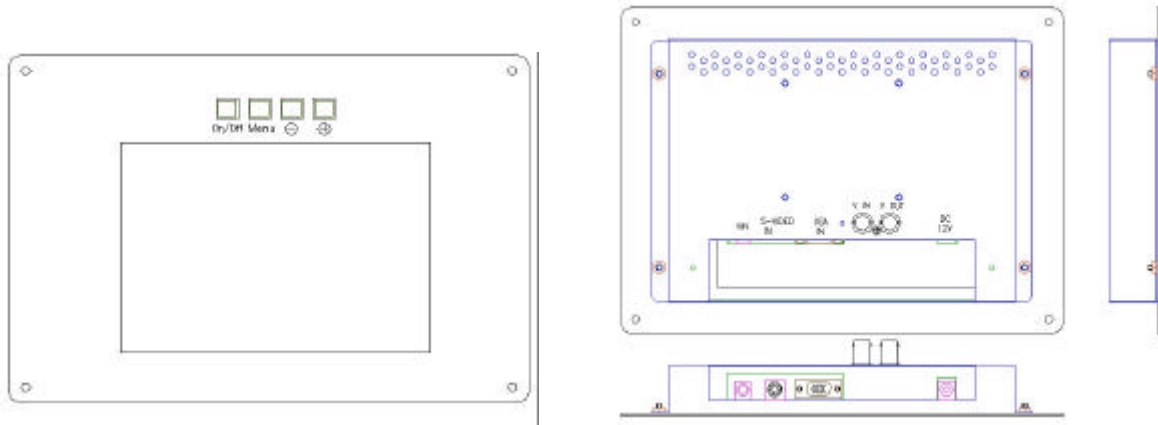
Model No.: LCD-840VL

8.4" Rack Mounted LCD Panel

**1319 Dexter Avenue N., Suite 020
Seattle, WA 98109**

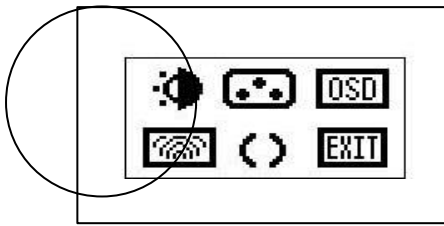
Tel: 206 623 6000 Fax: 206 623 6609

Key Define:



- ❶ **UP:** Press this button to increase or decrease the value of the adjustment functions.
- ❷ **DOWN:** Press this button to increase or decrease the value of the adjustment functions.
- ❸ **ENTER:** Press this button for menu adjusting, selecting the menu you want with "UP" or "DOWN", then press this button again to enter the selected menu.
- ❹ **POWER:** Press this button to turn on the power.
Press and hold for more than 2 seconds to turn the power off.
Under power on condition, this button acts as input mode selector (VGA/ S-VIDEO/ VIDEO).
- ❺ **VGA IN**
- ❻ **S-VIDEO IN**
- ❼ **VIDEO IN**
- ❽ **DC 12V**

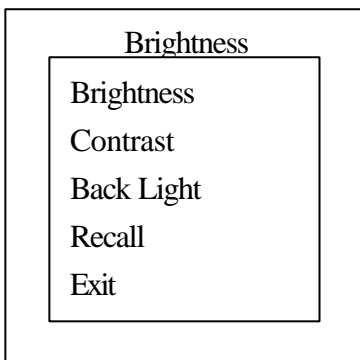
On Screen Display for Video Input



Video Main OSD Menu Figure

---Press "ENTER" button to activate the OSD main as shown on screen

---Press "UP" or "DOWN" button again to select the OSD menu



1. Brightness

---Press "ENTER" button to enter this mode

---Press "UP" or "DOWN" button to select the desired adjustment item

- * **Brightness:** Adjust the brightness of the panel
- * **Contrast:** Adjust the white color level of the image
- * **Back Light:** Adjust the back level of the panel
- * **Recall:** When you run the function, the monitor will be setting to last status of the saving value
- * **Exit:** Return to last menu



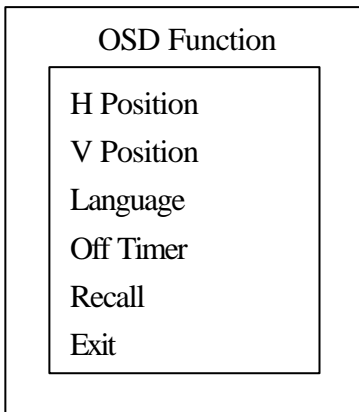
2. Video Quality

---Press "ENTER" button to enter this mode

---Press "UP" or "DOWN" button to select the desired adjustment item

- * **Brightness:** Adjust the brightness of the panel
- * **Contrast:** Adjust the white color level of the image
- * **Saturation:** Adjust the color saturation of the image
- * **Hue:** Adjust the color hue of the image
- * **Sharpness:** Adjust the image from weak to sharp
- * **Recall:** When you run the function, the monitor will be setting to last
- * **Exit:** Return to last menu

OSD



3. OSD Function

---Press "ENTER" button to enter this mode

---Press "UP" or "DOWN" button to select the desired adjustment item

* **H Position:** Adjust the horizontal position of the OSD menu

* **V Position:** Adjust the vertical position of the OSD menu

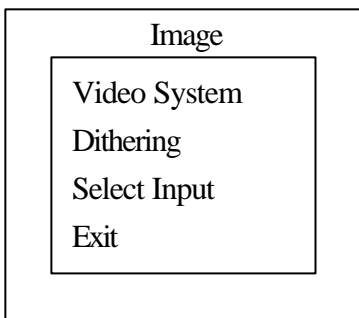
* **Language:** N/A

* **Off Timer:** The method of OSD display

* **Recall:** When you run the function, the monitor will be setting to last

* **Exit:** Return to last menu

Image



4. IMAGE

---PRESS "ENTER" BUTTON TO ENTER THIS MODE

---PRESS "UP" OR "DOWN" BUTTON TO SELECT THE DESIRED ADJUSTMENT ITEM

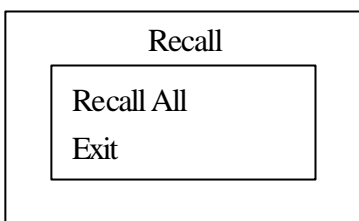
* **VIDEO SYSTEM:** NTSC /PAL /SECAM /NTSC 4.43 /AUTO

* **DITHERING:** N/A

* **SELECT INPUT:** PRESS TO SELECT INPUTS VGA/S-VIDEO/VIDEO

* **EXIT:** RETURN TO LAST MENU

Recall



5. Recall

---Press "ENTER" button to enter this mode

---Press "UP" or "DOWN" button to select the desired adjustment item

* **Recall All:** When you run the function, the monitor will be setting to last

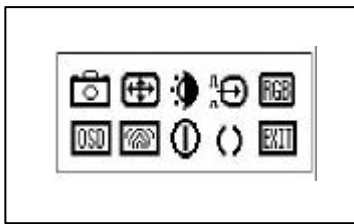
* **Exit:** Return to last menu

EXIT

Exit Menu

6. Exit Menu

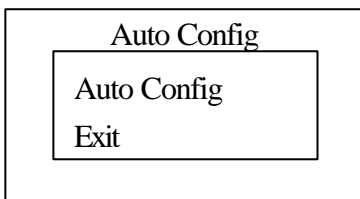
On Screen Display for VGA Input



VGA Main OSD Menu Figure

---Press "ENTER" button to activate the OSD main menu as shown on screen

---Press "UP" or "DOWN" button again to select the OSD



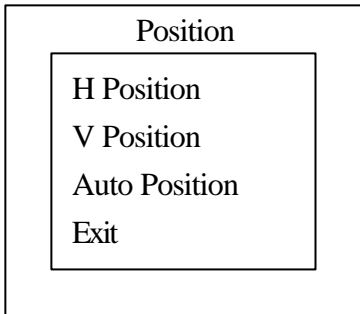
1. Auto Config

---Press "ENTER" button to enter this mode

---Press "UP" or "DOWN" button to select the desired adjustment item

* **Auto Config:** Select "YES" to make the monitor have the best efficiency

* **Exit:** Return to last menu



2. Position

---Press "ENTER" button to enter this mode

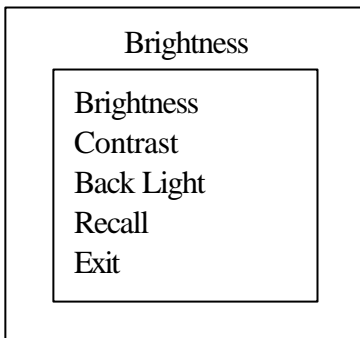
---Press "UP" or "DOWN" button to select the desired adjustment item

* **H Position:** Adjust the horizontal position of the image
IMAGE

* **V Position:** Adjust the vertical position of the image

* **Auto Position:** Select "YES" to auto adjust the vertical and Horizontal position

* **Exit:** Return to last menu



3. Brightness

---Press "ENTER" button to enter this mode

---Press "UP" or "DOWN" button to select the desired adjustment item

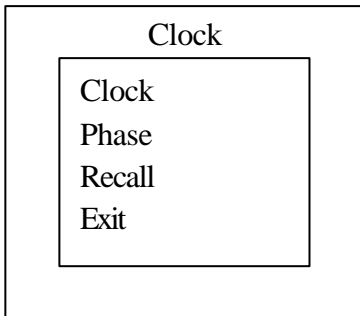
* **Brightness:** Adjust the brightness of the panel

* **Contrast:** Adjust the white color level of the image

* **Back Light:** Adjust the back light blue intensity

* **Recall:** When you run the function, the monitor will be setting to last status of the saving value

* **Exit:** Return to last menu

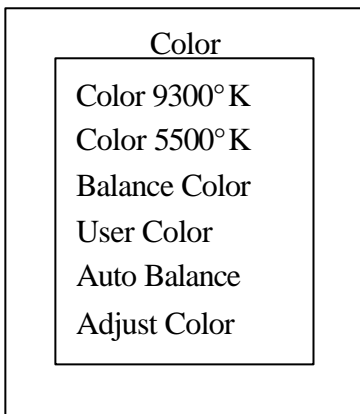


4. Clock

---Press "ENTER" button to enter this mode

---Press "UP" or "DOWN" button to select the desired adjustment item

- * **Clock:** Adjust Video Sampling clock
- * **Phase:** Adjust the noise of the image
- * **Recall** When you run the function, the monitor will be setting to last status of the saving value
- * **Exit:** Return to last menu

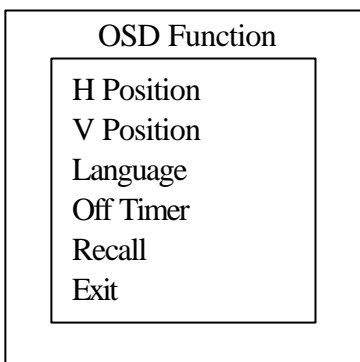


5. Color

---Press "ENTER" button to enter this mode

---Press "UP" or "DOWN" button to select the desired adjustment item

- * **Color 9300°K:** Set the color temperature of the image to 9300 °K
- * **Color 5500°K:** Set the color temperature of the image to 5500 °K
- * **Balance Color:** Adjust the color balance
- * **User Color:** Set the RGB color of the image by oneself define
- * **AUTO BALANCE:** AUTOMATIC ADJUSTMENT OF THE BALANCE
- * **AUJUST COLOR:** PRESS "ENTER" BUTTON TO ENTER COLOR ADJUSTMENT. PRESS "UP" OR "DOWN" BUTTON TO ADJUST R/G/B COLOR LEVEL AND OFF SET

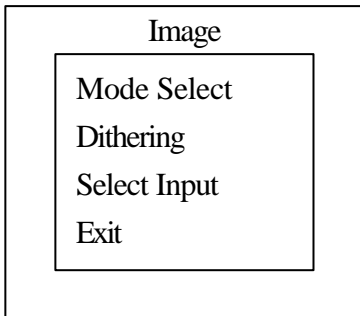


6. OSD FUNCTION

---PRESS "ENTER" BUTTON TO ENTER THIS MODE

---PRESS "UP" OR "DOWN" BUTTON TO SELECT THE DESIRED ADJUSTMENT ITEM

- * **H POSITION:** TO ADJUST THE HORIZONTAL POSITION OF THE OSD MENU
- * **V POSITION:** TO ADJUST THE VERTICAL POSITION OF THE OSD MENU
- * **LANGUAGE:** N/A
- * **OFF TIMER:** THE METHOD OF OSD DISPLAY
- * **RECALL:** WHEN YOU RUN THE FUNCTION, THE MONITOR WILL BE SETTING TO LAST
- * **EXIT:** RETURN TO LAST MENU



7. IMAGE

---PRESS "ENTER" BUTTON TO ENTER THIS MODE

---PRESS "UP" OR "DOWN" BUTTON TO SELECT THE DESIRED ADJUSTMENT ITEM

* **MODE SELECT:** CHANGE DOS MODE RESOLUTION

640 x 400 OR 720 x 350 OR 720 x 400

* **DITHERING:** N/A

* **SELECT INPUT:** PRESS TO SELECT INPUTS VGA / S-VIDEO / VIDEO

* **EXIT:** RETURN TO LAST MENU

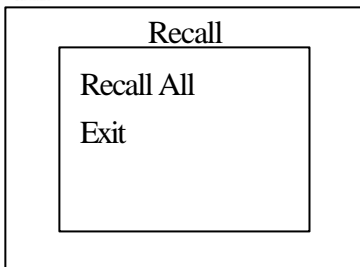


Information

8. INFORMATION

VGA CONDITION

RESOLUTION AND FREQUENCY



9. RECALL

---PRESS "ENTER" BUTTON TO ENTER THIS MODE

---PRESS "UP" OR "DOWN" TO SELECT THE DESIRED ADJUSTMENT ITEM

* **RECALL ALL:** TO SET DEFAULT VALUE TO THE ORIGINAL SETTING

* **EXIT:** RETURN TO LAST MENU



Exit Menu

10. EXIT MENU

SPECIFICATIONS

MODEL NO.:	LCD-840VL
SCREEN SIZE:	8.4" (DIAGONAL)
DISPLAY RESOLUTION:	800 (H) x 600 (V)
PIXEL PITCH (mm):	0.213 (H) x 0.213 (V)
ACTIVE AREA (mm):	170.4 (H) x 127.8 (V)
LCD PROFILE RATIO:	4:3
COLOR CONFIGURATION:	R.G. B.VERTICAL STRIPE
BRIGHTNESS RATING:	250 NIT TYP
INPUT SIGNAL:	NTSC / PAL (DUAL.CAPABILITY) / SECAM / NTSC4.43
NUMBER OF PIXELS:	262,144 DOTS
VIEWING ANGLE:	LEFT & RIGHT 40 DEGREE DOWN 10 DEGREE TOP 30 DEGREE
PIXEL CONFIGURATION:	STRIPE
VIDEO INPUT SIGNAL LEVEL:	1V P-P(POSITIVE) / 75 ohm
OPERATING TEMPERATURE:	0 ~ +60
STORAGE TEMPERATURE:	-20 ~ +70
DC POWER SUPPLY:	DC 12V IN (FROM POWER SUPPLY)
POWER CONSUMPTION:	<10 W
CONNECTORS:	DC-IN, RCA VIDEO, S-VIDEO, D-SUB
RESPONSE:	20ms/RISING TIME, 30ms/FALLING TIME
DIMENSIONS:	291.0 (H) X 214.0 (W) x 37.9 (D)