

# ***AcerView F51***

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LCD Color Monitor

15" (38.1cm) LCD Panel Size

User's Manual



FCC ID: JVP 7651 F

### **Federal Communications Commission (FCC) Statement**

This Equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

#### Warning:

Use only shielded cables to connect I/O devices to this equipment.

You are cautioned that changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.

## Copyright

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## Disclaimer

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### *Fill in here!!*

For the convenience of service, write following related information of your monitor in the space below. The serial number is on the back of the product.

#### **Monitor Information**

Product Name: AcerView F51

Serial Number: \_\_\_\_\_

Date of Purchase: \_\_\_\_\_

#### **Dealer Information**

Dealer: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

Address: \_\_\_\_\_

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## **Safety Instructions**

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1. The AC adapter isolates this equipment from the AC supply.
2. Unplug this product from the wall outlet before cleaning. Do not use liquid or aerosol cleaners. Use a soft cloth to clean the monitor housing and a tape to stick dust and fingerprints on the screen panel.
3. Slots and openings on the back or top of the cabinet are provided for ventilation. They must not be blocked or covered. This product should never be placed near or over a radiator or heat register, or in a built-in installation unless proper ventilation is provided.
4. This product should be operated from the type of power indicated on the marking label. If you are not sure of the type of power available, consult your dealer or local power company.
5. Never push objects of any kind, or spill liquid of any kind into this product.
6. Do not attempt to service this product yourself, as opening or removing covers may expose you to dangerous voltages or other risks. If any above mentioned misuse or other accident (dropping, mis-operations) occurs, contact qualified service personnel for servicing.
7. The power supply cord serves as a power disconnect device for pluggable equipment. The socket outlet shall be installed near the equipment and shall be easily accessible.

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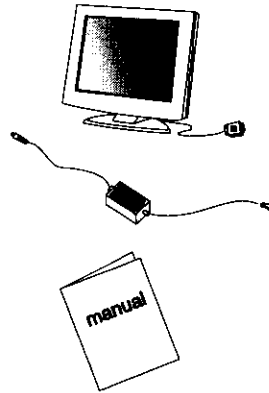
# Introduction

## Unpacking the Package

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Check following items. If they are missing or damaged, consult your place of purchase immediately.

- ✓ LCD monitor with signal cable
- ✓ Power cord & adapter
- ✓ User's manual



Locate the model name and the serial number labeled on the back of your monitor. Write down the related information of your monitor and dealer in the space on page ii for future reference.

## Features

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Your AcerView F51 has the following features:

- ✓ **Power Saving Function**  
The power management complies with VESA DPMS standard. When the system is idle (off mode), the monitor automatically cuts its power consumption to less than 5W.

✓ **Plug'n Play Compatibility**

With its DDC1™ and DDC2B™, it is compatible with Plug'n Play feature of Windows 95®.

✓ **Space Saving**

Compared with CRT monitors, the depth of your LCD monitor footprint is only 170mm, saving at least 50% of your desktop real estate.

✓ **Light Weight**

Your monitor weights only 5.8Kg, 70% lighter than traditional CRT monitors.

✓ **Lower Power Consumption**

Compared to the maximum 75W power consumption of CRT monitors, this monitor consumes only 36W in operation(maximum).

✓ **iScreen® (Intelligent Screen) Technology**

The On-Screen Display (OSD) allows you to adjust all settings simply with on-screen menus.

✓ **High Quality Ratiometric Expansion**

With any kind of resolution, your F51 monitor always can present full-screen viewing quality.

✓ **16M True Color**

With dithering support, F51 monitor enhances the visual effect and offers you a better resolution of image quality.

✓ **High Contrast**

Compared to 200:1 contrast ratio in other LCD monitors, this model offers you 300:1 which has better viewing effect.

✓ **Wider Viewing Angle and Higher Brightness**

F51 monitor has wider viewing angle with 160° left to right and 160° up to down. Brightness offers up to 200 cd/m<sup>2</sup>. Both let you enjoy the high qualified screen with great viewing angle.

✓ **i-key Function**

With auto adjustment function, i-key can automatically adjust H-position, V-position, Pixel clock and Phase for you.

## **Power Management**

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The power management complies with VESA DPMS standard and handles the power saving modes according to pin 12 of D-sub connector ( FPVCC ) recognition. The power consumption at NORMAL and OFF modes are as follows.

<b>Mode</b>	<b>Power Consumption</b>	<b>Horizontal Sync.</b>	<b>Vertical Sync.</b>	<b>LED</b>
Normal	< 36 W	ON	ON	Green
Off	< 5 W	OFF	OFF	Amber

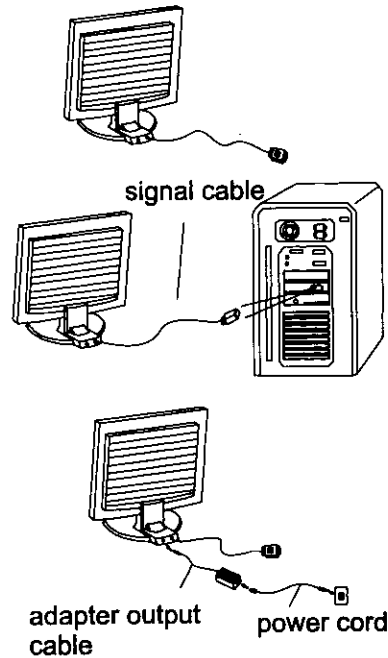


# Getting Started **2**

## Installing the Monitor

This monitor is equipped with an auto-sensing power supply for voltage ranges 100~240V AC, 50~60Hz.

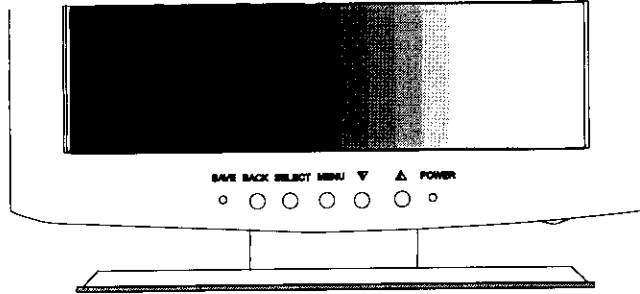
1. Make sure that the system power is turned off.
2. Plug the signal cable to the signal connector at the rear of PC.
3. Plug adapter output cable to the jack at the rear of LCD monitor and the power cord to the adapter.
4. Connect the power cord to power source.
5. Turn on the computer and the monitor.



# Adjusting the Monitor 3

## A Look at the Control Panel

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## Adjusting the Monitor

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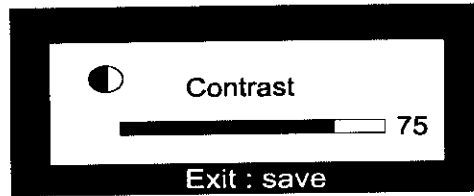
There are 5 keys for user's control. The following descriptions are the introduction of these keys.

- **Enter** key : enter sub-menus or select items
- **Exit** key : Back to main menus (auto save), or leave OSD.
- **Left/Contrast** key : For left adjustment and enter contrast hot-key function.
- **Right/Brightness** key : For right adjustment and enter brightness hot-key function
- *i-key* : For auto adjust V-Position, H-Position, Pixel Clock, Phase, and Color Temperature.

## OSD Operation procedure

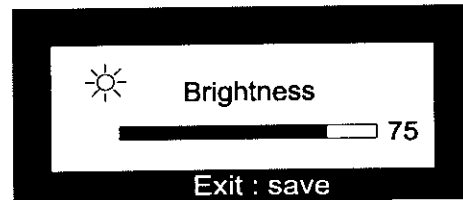
### Contrast hot-key mode

1. Press **Left/Contrast** key to enter contrast hot-key mode
2. Press **Left, Right** key to do the adjustments.



### Brightness hot-key mode

1. Press **Right/Brightness** key to enter brightness hot-key mode
2. Press **Left, Right** key to do the adjustments.

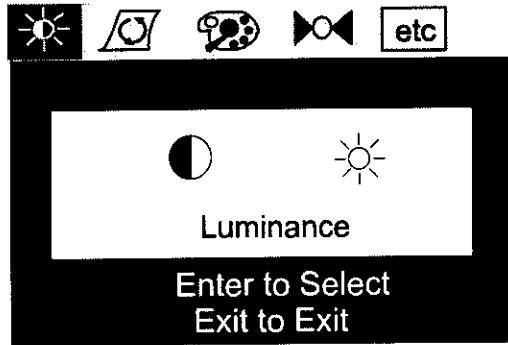


### Main menu mode

1. Press **Enter** or **Exit** keys to enter Main menu (there is one main menu)
2. Press **Left** or **Right** keys to scroll light pane to desired items., then press **Enter** key to enter sub-menus.
3. Press **Left, Right** key to scroll light pane to desired items, then press **Enter** key to select the items.
4. Press **Left, Right** key to do the adjustments.
5. Press **Exit** key to save and back to main menus.
6. Press **Exit** key to save and leave OSD.

Detail page assignment of main menu is as below :

**Main Menu** : Press **Enter** or **Exit** keys to enter main menu

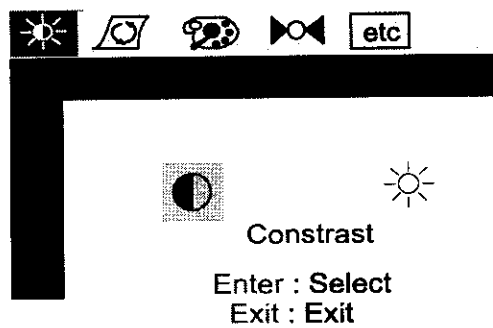


This main menu includes **five** items :

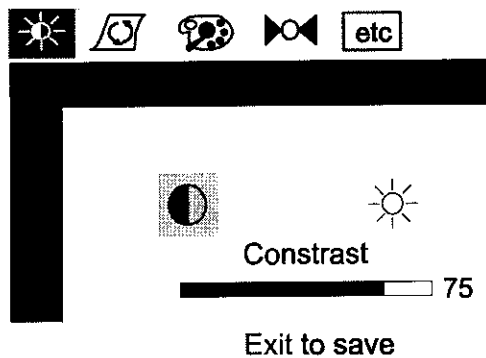
### 1. **Luminance adjustment**

Press **Enter** key to enter sub-menus, and press **Left, Right** key to scroll light pane to desired items. There are two items :

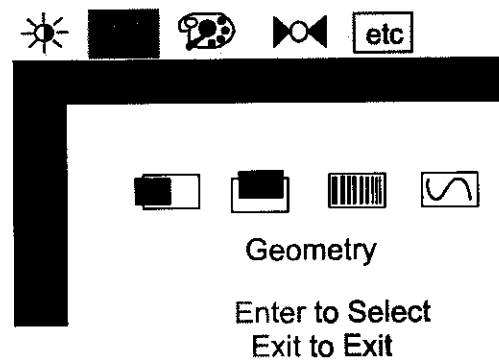
 **Contrast and**  **Brightness**







Press **Enter** to select the items. Then press **Left** or **Right** keys to do adjustment.

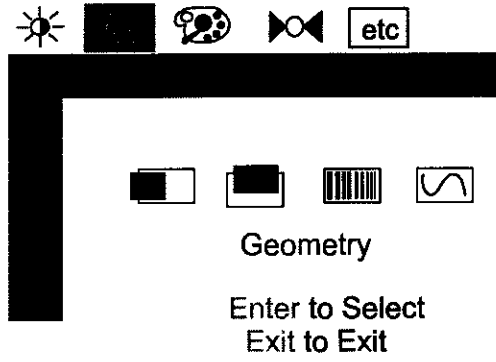


## 2. Geometry

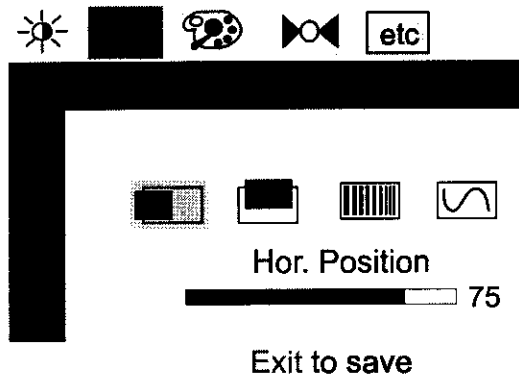


Press **Enter** key to enter sub-menus, and press **Left** or **Right** keys to scroll light panel to desired items. There are 4 items :

- |   |                                   |   |                                 |
|---|-----------------------------------|---|---------------------------------|
|  | <b>Hor. (horizontal) Position</b> |  | <b>Ver. (vertical) Position</b> |
|  | <b>Phase</b>                      |  | <b>Pixel Clock</b>              |

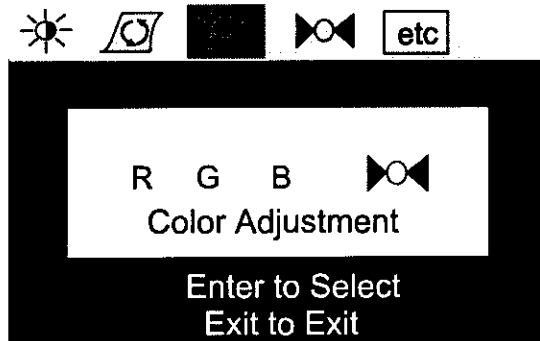


Press **Enter** to select the items, and press **Left** or **Right** keys to adjust



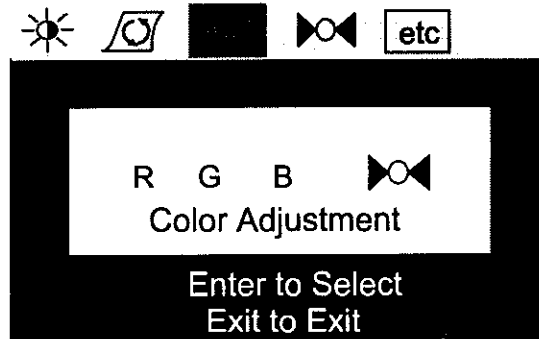
### 3-5 ■ Adjusting the Monitor

### 3. Color Adjustment

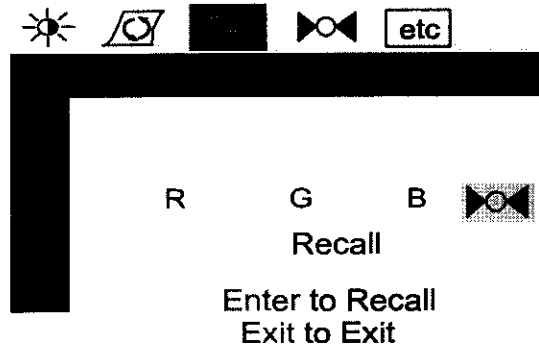
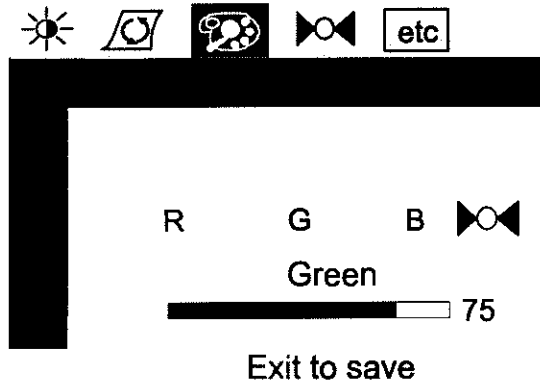


Press **Enter** key to enter RGB adjust function. Press **Left** or **Right** keys to scroll light panel to desired items. There are 4 items :

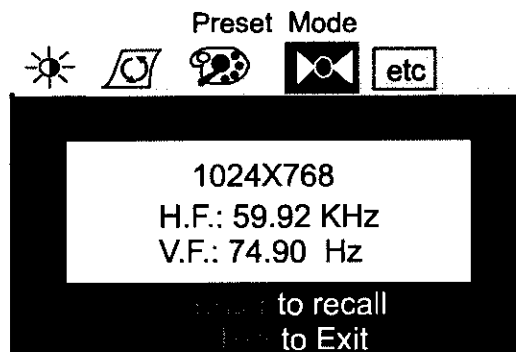
- R**     **Red gain adjustment**
- G**     **Green gain adjustment**          **Reset to Default**
- B**     **Blue gain adjustment**



Press **Enter** to select the items. Then press **Left** or **Right** keys to do adjustment. When user changes the color setting, OSD will be changed to "User Mode". If user wants to recall presetting color, choose **Recall** icon and press **Enter**.



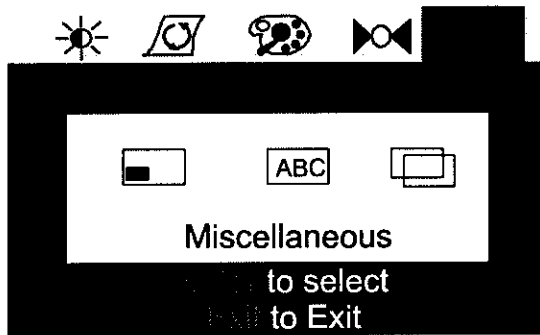
#### 4. Reset to Default





The default picture shows the default resolution, horizontal and vertical frequency.  
Press **Enter** key to recall the default setting.

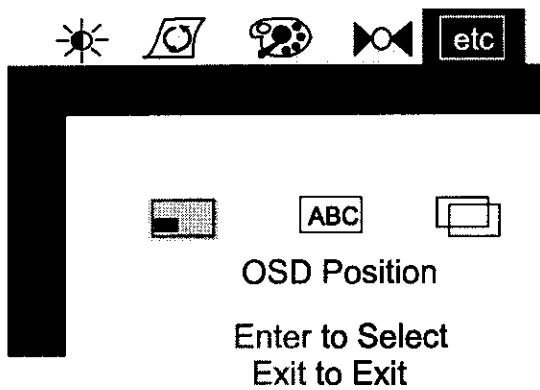
5. etc. **Miscellaneous**



Press **Enter** key to enter sub-menus. Press **Left** or **Right** key to scroll light pane to desired items



There are 3 items:

■ OSD Position    ABC LanguageSelect    ▢▢ Room on/off Select

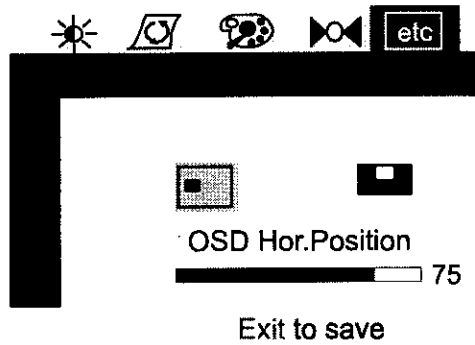


Press **Enter** key to enter sub-menus.

**A. For OSD Position adjustment :** Press **Left** or **Right** keys to scroll light panel to desired items.

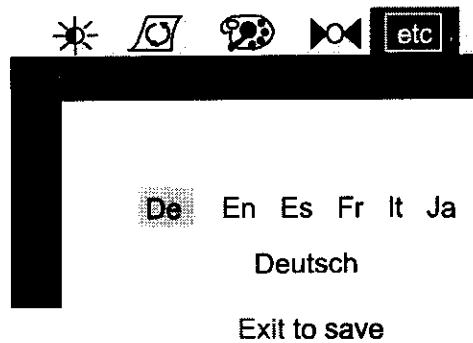
- OSD Hor.(horizontal) Position 
- OSD Ver. (vertical) Position 

Press **Enter** to select the items. Then press **Left** or **Right** key to adjustment.

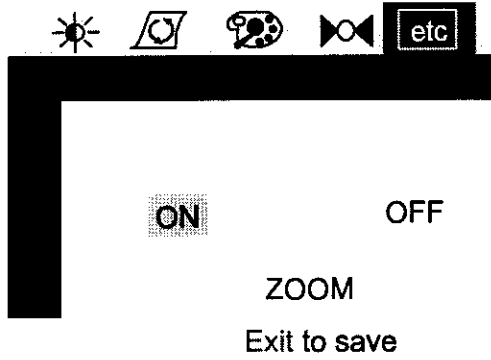


**B. For Language Select :** Press **Left** or **Right** key to scroll light pane to desired language, press **Exit** to save and exit.

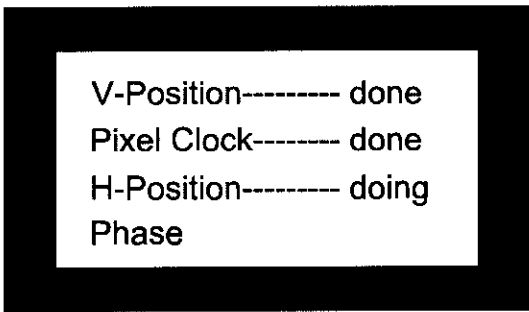
- |                     |                     |                    |
|---------------------|---------------------|--------------------|
| <b>De:</b> Deutsch  | <b>En:</b> English  | <b>Es:</b> Español |
| <b>Fr:</b> Français | <b>It:</b> Italiano |                    |



**C. For Room On/Off Select :** Press **Left** or **Right** key to scroll light pane to choose **On** or **Off** mode. Press **Exit** to save and exit.



*i-key* : For auto adjust V-Position, H-Position, Pixel Clock, Phase, and Color temperature. Just press *i*key to automatically adjust all the settings.

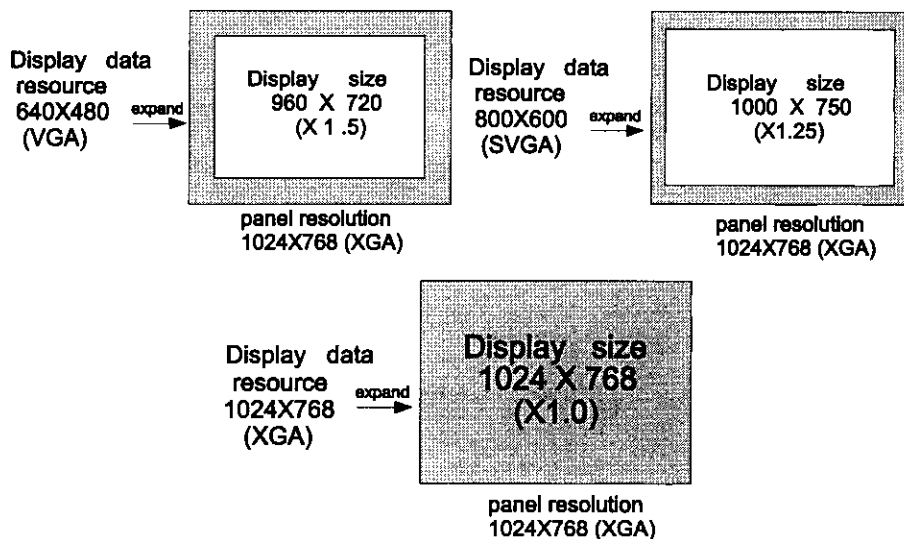


## Factory Preset Timings

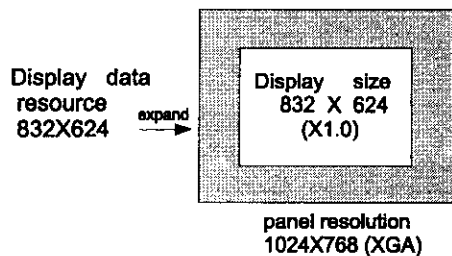
Input display data					Multi-scan operation
Resolution	H. Frequency (Khz)	V. Frequency (Hz)	Dot Clock Frequency (MHz)	Remark	Actual display resolution
640 x 350	31.47	70.08	25.17	DOS	full screen 1024 x 768
640 x 350	37.86	85.10	31.50	VESA	
640 x 400	31.47	70.08	28.32	DOS	
720 x 400	37.93	85.00	35.50	VESA	
640 x 480	35.00	67.00	30.24	Macintosh	
640 x 480	31.47	60.00	25.18	DOS	
640 x 480	37.86	72.80	31.50	VESA	
640 x 480	37.50	75.00	31.50	VESA	
640 x 480	43.27	85.00	36.00	VESA	
800 x 600	35.16	56.25	36.00	VESA	
800 x 600	37.88	60.32	40.00	VESA	
800 x 600	48.08	72.19	50.00	VESA	
800 x 600	46.87	75.00	49.50	VESA	
800 x 600	53.67	85.10	56.25	VESA	
832 x 624	49.72	74.55	57.29	Macintosh	
1024 x 768	48.36	60.00	65.00	VESA	
1024 x 768	56.48	70.10	75.00	VESA	
1024 x 768	60.02	75.00	78.75	VESA	
1024 x 768	35.52	86.95	44.96	Interlace	
1024 x 768	60.24	74.93	80.00	Macintosh	

When you set the magnification in 1.5 or 1.25, the screen doesn't show fully sized images. The proportion of the screen size is as follows.

### PC



### MAC



☞ We offer you 20 preset modes which are compatible with Windows 95 and Macintosh. However, please notice the following occasions when you adjust the resolution and frequency under Macintosh.

*In the resolution of 832 x 624, the OSD can not support automatic adjustment, position and image. In the main menu, these three items will show in red.*

*In the resolution of 1024 x 768, the screen may appear imperfect or unclear. It is not a defect. You can improve it by automatic adjustment or manually adjusting.*

- ☞ In some rare cases, the screen will appear little noise. It might be caused by nonstandard signal frequency from the VGA card. It is not a defect. You can improve it by automatic adjustment or manually adjusting Phase and Pixel Frequency in the image menu.*
- ☞ To extend the product life, we suggest you set the power saving function on your system.*
- ☞ In some rare cases, the screen will appear little noise. It might be caused by nonstandard signal frequency from the VGA card. It is not a defect. You can improve it by automatic adjustment or manually adjusting Phase and Pixel Frequency in the image menu.*

# Troubleshooting and Useful Hints **4**

## Troubleshooting

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Make sure that your monitor is properly installed if you have encountered any trouble using this product (For hardware installation, see **Chapter 2, Getting Started**). If the problems persist, check this chapter for possible solutions.

- ✓ There is no picture on the screen.  
Check:
  - Power saving mode. Press any key and move the mouse to deactivate the mode.
  - Signal cable connector pins. If there are bent or missing pins, consult your place of purchase.
  
- ✓ The picture is unstable.  
Check:
  - Signal cable connector pins. If there are bent or missing pins, consult your place of purchase.
  - Graphics card. See if the settings are made properly.
  - Scanning frequency. Change the settings of your graphics card to acceptable options.
  
- ✓ Characters look too dark or too light.
  - Adjust related settings. See **Chapter 3, Adjusting the Monitor**.

## **Maintenance**

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- ✘ Do not expose the monitor to direct sunlight or heat.
- ✘ Do not spill liquid on the monitor.
- ✘ Do not attempt to open the monitor. You may be hurt by electric shock. For service, call your place of purchase.
- ✘ Do not use your monitor when magnets or electronic products are operating nearby.
- ✘ Do not use harsh chemicals or strong cleaning solvents to clean the monitor screen. Wipe it with clean, soft clothes applied with mild solution.
- ✘ Do not place anything on your monitor. Bad ventilation may elevate temperature in the monitor.

## **Need More Help?**

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If your problems remain after checking this manual, please contact your place of purchase or e-mail us at: [stevenleung@api.com.tw](mailto:stevenleung@api.com.tw)



**5-1 ■ Specifications**

<b>LCD Panel</b>	15", TFT
<b>Power Supply (Universal)</b>	Input voltage 90~264 V AC, 47~63 Hz Power consumption 36W max.
<b>Max. Resolution</b>	1024 X 768
<b>Video Input</b>	RGB input Power ON/OFF, OSD
<b>Regulatory Compliance</b>	UL, CSA, FCC-B, TÜV/GS, VCCI, CE, D.N.S.F.
<b>Display Area</b>	270.5mm (H) X 203mm (V)
<b>Ambient Temperature</b>	Operating +5°C ~ +40°C / +41°F ~ +104°F Storage -20°C ~ +60°C / -4°F ~ +140°F
<b>Humidity</b>	Operating 20% ~ 85% Storage 10% ~ 85%
<b>Dimensions (W x H x D)</b>	366 mm (W) X 338 mm (H) X 170 mm (D)
<b>Weight (net)</b>	5.8 kg