# Before Use

● The information in this user manual is subject to change without notice.

● This user manual contains proprietary information that is protected by copyright.
All rights are reserved. No part of this user manual may be reproduced, photocopied,
transcribed, translated or transmitted in whatsoever from without the prior permission of
the manufacturer.

● The size and appearance of this monitor may be changed for improvement without
notice.

● Damage caused by using the unauthorized components or disregard of the information
and cautions in this user manual is not covered by the warranty service.

● If you have problem with your monitor, please check TroubleShooting in this user
manual before asking for help service center.

# Unpacking

**After opening the box, make sure the following items are provided with the monitor.
If you find that any of these items is missing or appears damaged, contact your
dealer immediately.**

User Manual

Monitor

DC Adapter

Power Cord

Audio Cable

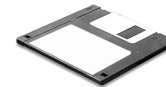Video(RCA) Cable

VGA Signal Cable

Audio(RCA) Cable

S-Video Cable

DVI Cable

Diskette
(Monitor Driver)

## Optional

USB Cable

Remote Control

TV Tuner

### Note

The actual monitor and accessories may differ from those shown on the above figures.

# CONTENTS

## Chapter 1  Installing the Monitor

## Chapter 2  Installing the Monitor Driver

# CONTENTS

## Chapter 3  Adjusting the OSD(On Screen Display) Menu

## Appendix  Troubleshooting/Specification

## CE Conformity Notice

**The Product herewith complies with requirements of the Low Voltage Directive 73/23/EEC and the EMC Directive 89/336/EEC and carries the 'CE' mark accordingly.**

Confirms to the following hamonized European standards have been applied:

EMC : EN 55022 Class B: 1998
     EN 55024: (EN 61000-4-2: 1995, A1:1998, EN61000-4-3:1996, EN 61000-4-4: 1995,
     EN61000-4-5: 1995, EN61000-4-4: 1996, EN61000-4-8:1993 and
     EN61000-4-11:1994)
     EN61000-3-3: 1995, A1:98, A2:98
     EN61000-3-3: 1995

## FCC Compliance 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 resonable 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 communication. However, there is no guarantee that interference will not occur in a particular installation. If turning the equipment off and on, the user id encouraged  to try to correct the interference by one more of  the  following measures :

  - Reorient or relocate the receiving antenna.

  - Increase the separation between the equipment an receiver.

  - Connect the equipment into  an outlet in a circuit  different from that to which  the

   receiver is connected.

  - Consult the dealer or an experienced radio / TV technician for help.

**WARNING**

Changes or modifications not expressly approved by the  manufacturer could void the user's authority to operate the equipment.
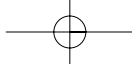
*memo*
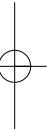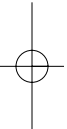
# Chapter 1

## Installing the Monitor

# 1.1 Features

◉ **Adopt the 18.1" TFT LCD Narrow Bezel Panel**

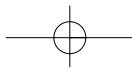Adopt the 18.1" LCD(Liquid Crystal Display) Narrow Bezel panel which allows you efficient use in a small space due to the slim design with wild screen.

◉ **Support  DVI (Digital Video Interface)**

High quality screen through direct digital signal from the computer.

◉ **AUDIO**

It gives user an amplified stereo sound through internally installed speakers(2W).

◉ **Power Consumption Economy Function**

The VESA DPMS(Display Power Management Signaling) function is available to reduce power consumption by automatically switching the computer into the power saving mode if the system doesn't operate for a fixed period of time.

◉ **Support the USB Ports (Optional)**

It can be embedded to use the USB without an external Hub.

◉ **Enable to watch TV (Optional)**

Enable to watch TV after connecting antenna cable.

# 1.2  Before You Use

**For your safety and the protection of your monitor, follow these precautions.**

## Caution When Using the Power

● **Don't plug the power adapter into a non-grounding power outlet.**

● **Never touch the power plug with wet hands.**

An electric shock accident may occur.

● **Don't plug with other electrical cords into one power outlet.**

An electric shock or fire accident may occur.

● **Only use the adapter provided with the monitor.**

An electric shock or fire accident may occur.

● **Don't use a power cord or plug that is frayed or damaged.**

An electric shock or ignition may be caused.

● **Insert the plug completely so that the power supply unit can be connected tightly.**

Unsafe power connection may cause a fire.

● **Keep the power cord from proximity to a heating instrument.**

The covering material of the cord may melt, causing a fire or electric shock.

● **Grasp the power plug at the base to remove it form the wall, and pull firmly but gently.**

If you yank at the cord the wire may be broken, causing ignition or heat generation.

● **Pull the power cord out when the monitor is not used for a long time, or while you are away.**

A dust covering may cause an electric shock, electric leakage, of fire by heat generation, ignition, and insulation degradation.

## Caution When Installing the Monitor

● **Select a cool, dry area and protect your monitor from extremes in temperature, humidity, dust and smoke.**

Accidents of electric shock, fire or failure may occur.

● **Avoid direct sunlight or any other source of heat such as a fireplace.**

A fire or electric shock accident may be caused.
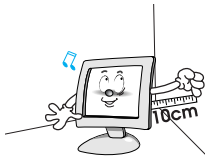
● **Place the monitor at a proper distance (over 10 cm) away from the wall for sufficient ventilation.**

A fire may be caused due to an increase in internal temperature.

● **Place the monitor on a stable and secure surface.**

Fall or displacement of the monitor may cause an injury.
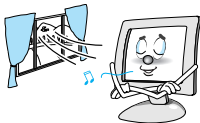
● **Place  the monitor in a well-ventilated room.**

A fire may be caused due to an increase in internal temperature.

● **Note that air-flow holes must not be blocked such as a table cloth or curtain.**

A fire may be caused due to an increase in internal temperature.

## Caution When Moving the Monitor

● **Turn off the monitor and disconnect all cables from the monitor before moving the monitor.**

● **Be careful with the shock when moving the monitor.**

● **Don't scratch or jolt the monitor surface.**

Damage or failure of the panel may be caused.

● **Take hold of the monitor with both hands setting the panel forward.**

If the monitor is dropped, contact the service center to check it for a susceptibility to fire or electric shock.

## Caution When Using the Monitor

● **Often take a rest to protect your eyes when you work for a long time.**

● **Don't block or obstruct the air-flow holes of the monitor.**

A fire or damage of the monitor may be caused due to an increase in internal temperature.

● **Don't spill liquids such as chemicals, water on the monitor.**

A fire or electric shock accident may be caused.

● **Never disassemble and repair the monitor but trained repair engineers.**

A fire or electric shock accident may be caused. If you need the repair and adjustment, please contact the appropriate sales agency or customer counsel window for check-ups.
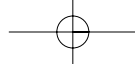
● **Don't insert metals (such as coins, hair pins or ironware) or flammable items (such as paper or matches) into the monitor.**

A fire or electric shock accident may be caused.

● **Don't press upon the panel or scratch the surface with your hands or sharp item such as a nail, pens.**

Damage or failure of the panel may be caused.

● **Stop using in case of smoke or abnormal odors. Immediately turn off the power and pull out the power cord from the wall and then contact the service center.**

Continuity of use in such a state may cause a fire or electric shock.

● **Don't spray any liquids directly onto the monitor.**

An electric shock or fire accident may occur.

● **Clean the LCD panel with a soft material such as cotton cloth after removing the power cord from the monitor.**

A fire or electric shock accident may be caused.

● **The fluorescent light of the monitor contains a mercury which could be exploded. Don't discard or bury the monitor without permission of the law concerned.**

# 1.3  Monitor Overview

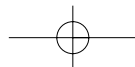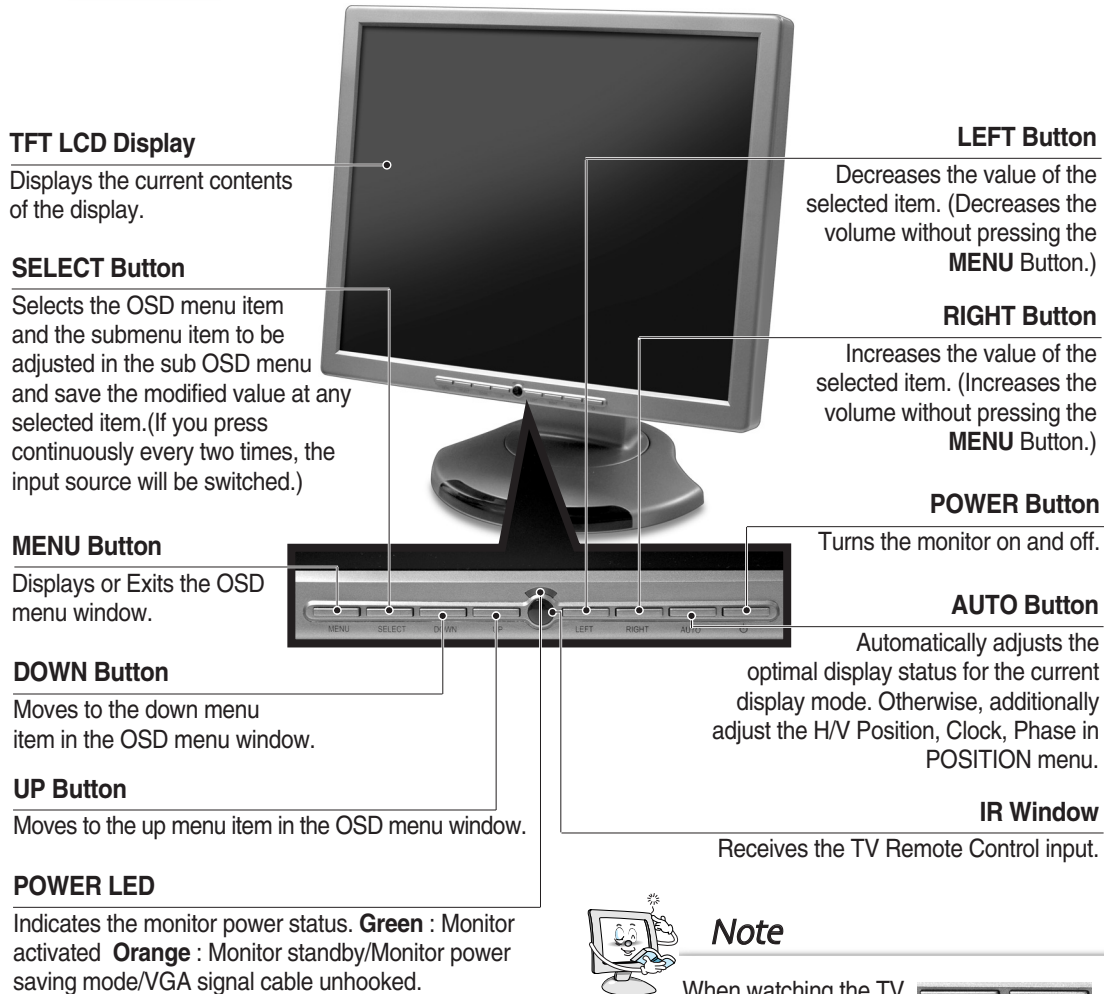**This section identifies the name of each component of the monitor and briefly describes the function of each component.**

## Front Side

**TFT LCD Display**

Displays the current contents of the display.

**SELECT Button**

Selects the OSD menu item and the submenu item to be adjusted in the sub OSD menu and save the modified value at any selected item.(If you press continuously every two times, the input source will be switched.)

**MENU Button**

Displays or Exits the OSD menu window.

**DOWN Button**

Moves to the down menu item in the OSD menu window.

**UP Button**

Moves to the up menu item in the OSD menu window.

**POWER LED**

Indicates the monitor power status. **Green** : Monitor activated  **Orange** : Monitor standby/Monitor power saving mode/VGA signal cable unhooked.

**LEFT Button**

Decreases the value of the selected item. (Decreases the volume without pressing the **MENU** Button.)

**RIGHT Button**

Increases the value of the selected item. (Increases the volume without pressing the **MENU** Button.)

**POWER Button**

Turns the monitor on and off.

**AUTO Button**

Automatically adjusts the optimal display status for the current display mode. Otherwise, additionally adjust the H/V Position, Clock, Phase in POSITION menu.

**IR Window**

Receives the TV Remote Control input.

## Note

When watching the TV after connected TV tuner(optional), use the **UP/DOWN** Button without pressing the **MENU** Button to select TV Channel.

## Rear Side

**AUDIO IN Jack**
Connects the audio cable to the LINE OUT jack on the computer or the streo jeck on the camcorder/VTR.

**AUDIO OUT Jack**
Connects a set of headphones or external speakers.

**USB UP Port (Optional)**
Connects the USB cable to the USB connector on the computer.

**TV Tuner(Optional)**
Connects the TV antenna cable.

**USB DOWN Port (Optional)**
Connects USB devices.

**VIDEO Jack**
Connects the video cable to the VIDEO jack on the camcorder or VTR.

**DC-IN Jack**
Connects the DC adapter to input the power.

**S-VIDEO Connector**
Connects the s-video cable to the S-VIDEO connector on the camcorder or VTR.

**DVI Connector**
Connects the DVI cable to the DVI connector on the computer.

**VGA Connector**
Connects the VGA signal cable to the VGA connector on the computer.

### Note

▶ **Self Diagnostics**
If the signal cable is improperly connected between the monitor and the computer, the Self Diagnostics **NO SIGNAL** message appears on the monitor.

```
SELF DIAGNOSTICS
ANALOG

NO SIGNAL

CHECK SIGNAL CABLE
```

▶ To use USB devices, at first you must connect the USB cable to USB connector on the computer and USB UP port on the monitor, and then connect USB devices to the USB UP port.

1-9

# 1.4 Connecting the Peripheral Devices

**Turn off the monitor, computer and other peripheral devices before connecting the monitor and peripheral devices.**
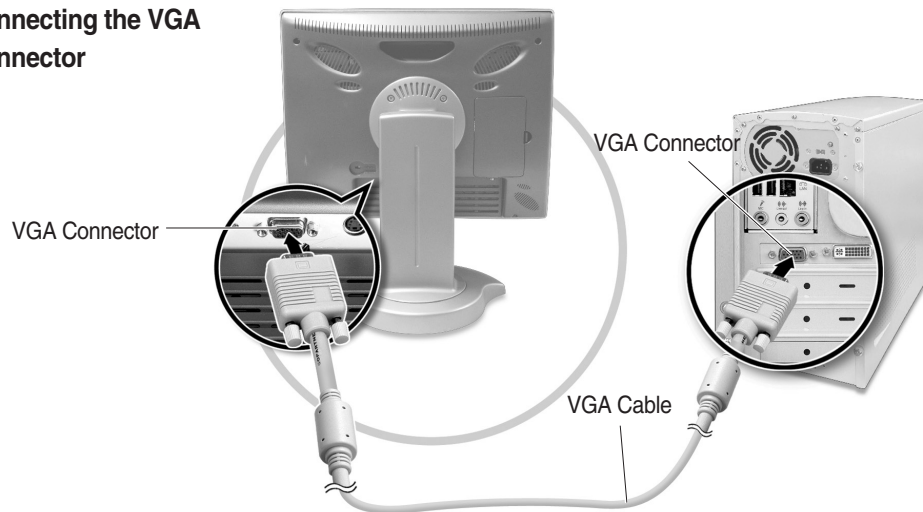
## 1 Connecting the power

Plug into the power outlet at 220V or 110V.
(The voltage is set automatically.)
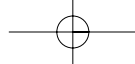
DC Adapter

Power Cord

DC-IN Jack
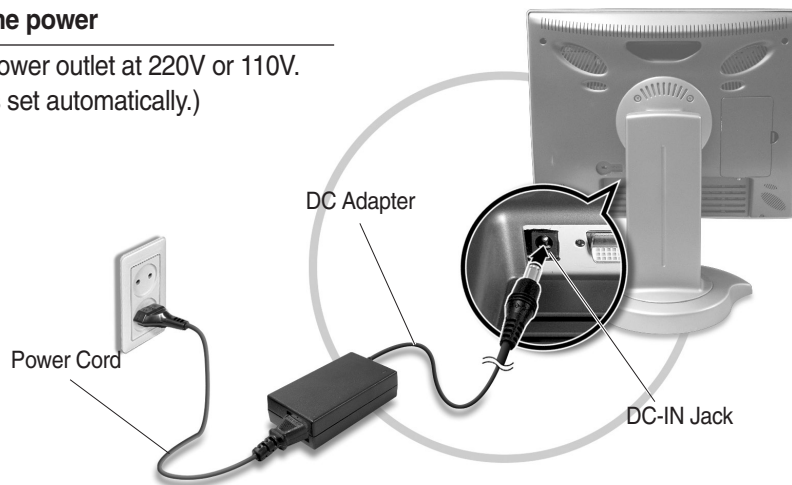
## 2 Connecting the computer

Connect the VGA cable to the VGA connector or the DVI cable to the DVI connector on the computer.

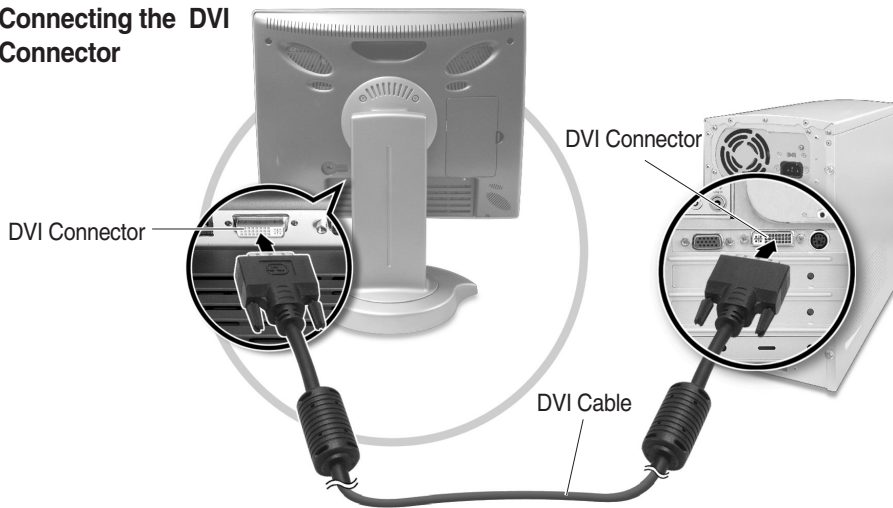### ◉ Connecting the VGA Connector

VGA Connector

VGA Connector

VGA Cable

◉ **Connecting the DVI Connector**

DVI Connector

DVI Connector

DVI Cable

**3** **Connecting Audio Devices**

Connect the audio cable to the AUDIO IN jack on the monitor and the LINE OUT jack on the computer or connect the audio cable(RCA) cable to the AUDIO IN jack on the monitor and the stereo jack on the camcorder/TV and connect a set of headphones or external speakers to the AUDIO OUT Jack.

AUDIO OUT Jack

Set of headphones

or

External Speakers

LINE OUT Jack

AUDIO IN Jack

Camcorder

Stereo Jack

AUDIO(RCA) Cable

AUDIO Cable
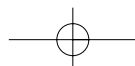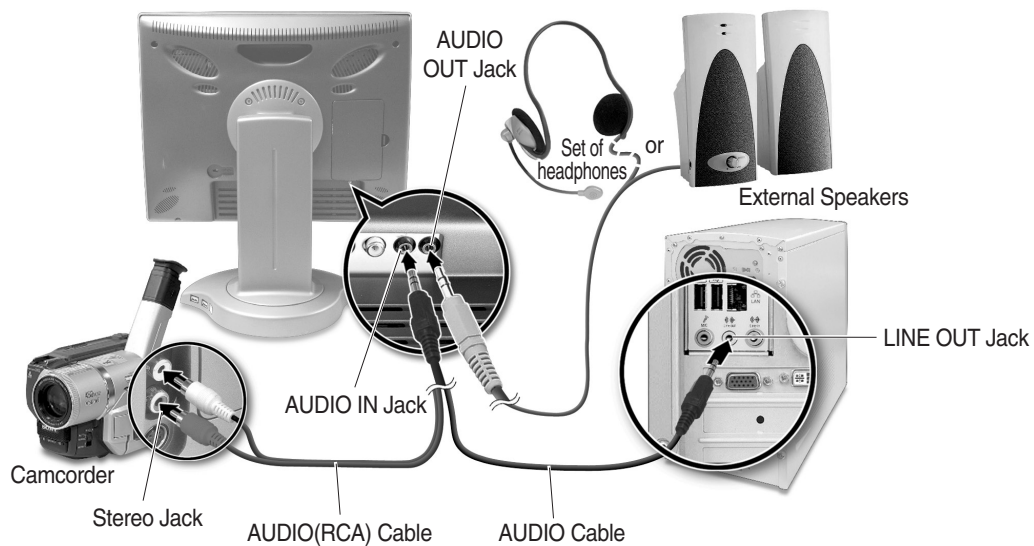
**4** **Connecting the Camcorder**

Connect the S-VIDEO connector or VIDEO connector.

◉ **S-VIDEO Connector**

Camcorder

S-VIDEO
Connector

VTR

◉ **VIDEO Connector**

Camcorder
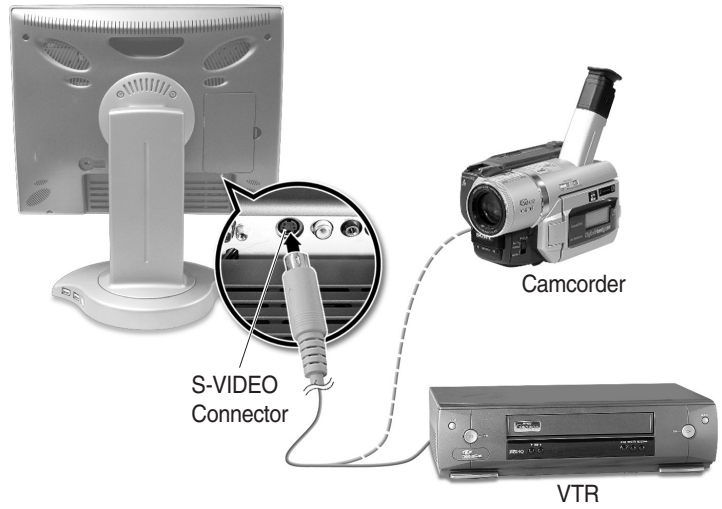
VIDEO
Connector

VTR
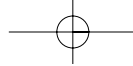
**5** **Connecting the TV Antenna**

TV Tuner(Optional)

TV Antenna Cable
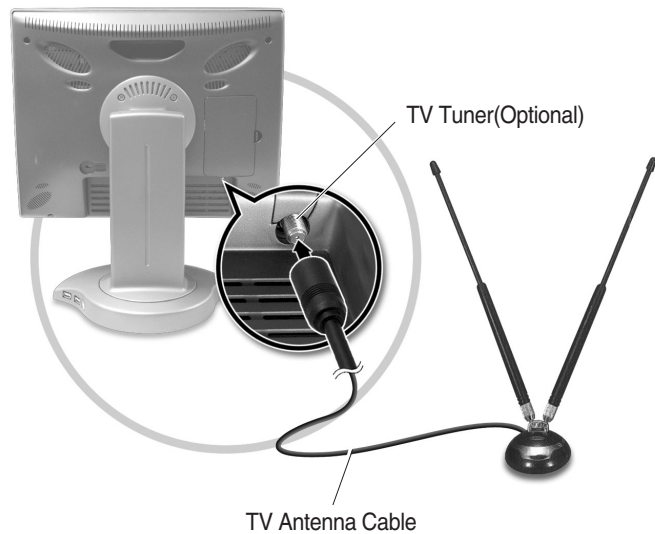
**6** **Connecting USB Devices (Optional)**

At first, connect the USB cable to the USB UP port on the monitor and USB connector on the computer and then, connect USB devices to the USB DOWN port on the monitor.

USB UP Port

USB DOWN Port

USB CCD Camera

or

USB Keyboard

or

USB Mouse

USB Cable

USB Connector
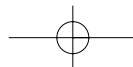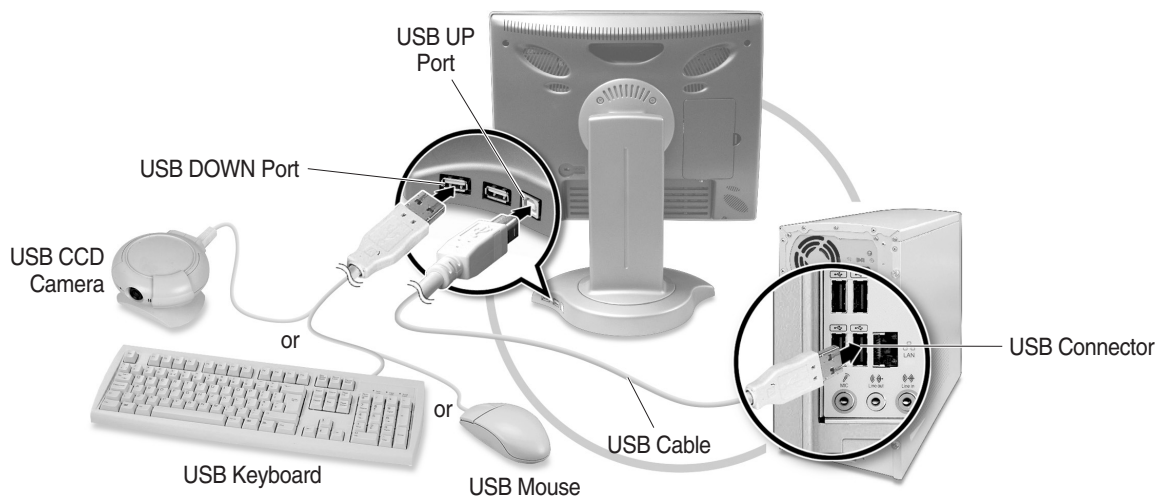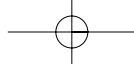
# 1.5 Tilting and Swiveling the Monitor

**For optimum view, you can tilt the display vertically from -5 to 30 degree or swivel within 120 degree. When adjusting the display, grasp the left and right edges of the monitor.**

Tilting                                      Swiveling
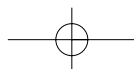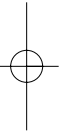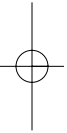
# Chapter 2

## Installing the Monitor Driver

**2.1** Installing the Monitor Driver
Under Windows

**2.2** Installing the Monitor Driver
Under Linux

# 2.1 Installing the Monitor Driver Under Windows

**This section shows how to install the monitor driver under Windows or Linux by using the monitor driver diskette provided. To install the monitor driver, please refer to your OS in this section.**

## Windows 98/ME

**1** Turn on the computer and the monitor.

**2** Insert the monitor driver diskette into the FDD on the computer.

**3** Click **My Computer** on the Windows display and select **Control Panel**.

**4** Double click the **Display** icon in the **Control Panel** window.

**5** In the **Display Properties** window, click the **Setting** tab and then select **Advanced**.

**6** Select the **Monitor** tab and click **Change**.

**7** **This wizard searches for updated drivers for**
Click **Next**.

**8** **What do you want Windows to do?**
Select **Display a list of all the drivers in a specific location, so you can select the driver you want** Option and click **Next**.

**9** **Select the manufacturer and model of your hardware device.**
Click **Have Disk**.

### *Note*

If it doesn't show up the relevant model in device selection window, click **List all Device**, select one of them and then click **OK**.

**10** **Install From Disk**

Click **Browse,** select <A:\> and click **OK**.

**11** **Select the manufacturer and model of your hardware device.**

Select **ATEC NEOVIEW AL181N(Analog)** option and click **Next**.

*Note*

If you connect to your computer which is supported DVI, select **ATEC NEOVIEW AL181N(DIGITAL)**.

**12** **Window driver file search for device.**

Click **Next**.

**13** **Windows has finished installing the driver you selected for your hardware device.**

Click **Finish**.

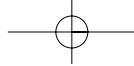**14** Now, the model name of the monitor is changed. Close all windows opened and restart the computer.

## Windows 2000

**1** Turn on the computer and the monitor.

**2** Insert the monitor driver diskette into the FDD on the computer.

**3** Press **Start**, click **Settings** and **Control Panel**.

**4** Click **Display** icon in the **Control Panel** window.

**5** Click the **Settings** tab and then select **Advanced**.
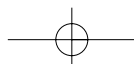
**6** Select the **Monitor** tap and click **Properties**.

**7** Choose **Driver**, then **Update Driver...**.

**8** Click **Next**.

**9** Click Display a list of all the drivers in a specific location, so you can select the driver you want. Then Click **Next**.

**10** Click on **Hardware**.

**11** Pointing to where the diskette or driver is located, then click on **OK**.

▶ Insert a diskette to A drive bay, then press **Enter**.
▶ Pointing to where the driver is located:hard disk or network. Then press **Enter**.
▶ If you can't correctly designate the driver route, then click **search** to find out the right one.

**12** Select the customer's model in Model Selection screen. Then press **Next**.

**13** Click **Next**.

**14** Press **Yes**.

**15** If **Driver installation has been successfully completed** is popped up, press **Finish**.

**16** Now, the model name of the monitor is changed. Close all windows opened and restart the computer.

## Windows XP

**1** Turn on the computer and the monitor.

**2** Insert the monitor driver diskette into the FDD on the computer.

**3** Click the **Start** button on the Windows display and select **Control Panel**.

**4** Double click the **Display** icon in the **Control Panel** window.

**5** In the **Display Properties** window, click the **Setting** tab and then select **Advanced**.

**6** Select the **Monitor** tab and click **Properties**.

**7** Select the **Driver** tab, click **Update Driver** and then click **Next**.

**8** **Welcome to the Hardware Update Wizard**
Select **Install a list or specific location(Advanced)** option and click **Next**.

**9** **Please choose your search and installation option**
Select **Don't search. I will choose the driver to install** option and click **Next**.

**10** **Select the device drivers you want to install for this hardware.**
Click **Have Disk**.

**11** **Install From Disk**
Click **Browse**, select <A:₩> and then click **OK**.

**12** **Select the device drivers you want to install for this hardware.**
Select **ATEC NEOVIEW AL181N(Analog)** and click **Next**.

*Note*

If you connect to your computer which is supported DVI, select **ATEC NEOVIEW AL181N(DIGITAL)**.

**13** **Please wait while the wizard installs the software..**
Now, start installing the monitor driver.

Installing the Monitor Driver

2-5

***Note***

This message may appear several times during the installation of the monitor driver.

Click **Continue Anyway** to continue. This action will not harm your monitor or system.

Hardware Installation

This software you are installing for this hardware:

ATEC NEOVIEW AL181N(Analog)

Has not passed Windows Logo testing to verify its compatability with Windows XP. (Tell me why this testing is important)

Continuing your installation of this software may impair or destabilize the correct operation of your system either immeditely or in the future. Microsoft strongly recommends that you stop this installation now and contact the hardware vendor for software that has passed Windows Logo testiong.

Continue Anyway    Stop Installation

**14** **Completing the Hardware Update Wizard**
Click **Finish**.

**15** Now, the model name of the monitor is changed. Close all windows opened and restart the computer.

# 2.2 Installing the Monitor Driver Under Linux

**Linux**

**1** You'd make xf86config file to run X-WINDOW. Your monitor is surely and easily configured with this file. This file will be made as running xf86config.

**2** Press Enter in the first and second window after running xf86config file.

**3** In third window, we come up with the mouse setting window.

**4** Configure it as opt for user system.

**5** Next will be the screen for selecting KeyBoard.

**6** Configure it as opt for user system.

**7** First, configure a horizontal frequency. Please refer to the horizontal frequency in monitor manual. (User may directly input frequency.)

**8** Next, configure a vertical frequency. Please refer to the horizontal frequency in monitor manual. (User may directly input frequency.)

**9** Then, configure a monitor.

**10** Type in the model name of monitor. The monitor's identification and description (typed in here) aren't directly related with the execution of X-WINDOW.

**11** After complete with other hardware settings, run X-WINDOW.

**12** As the configuration has been successfully finished, save a configuration file.

**13** Now run X-WINDOW. Theoretically, it is supposed to be executed. But in some cases, it won't even start. In this case, edit a xf86config file.
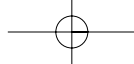
Installing the Monitor Driver

*memo*
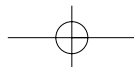
# Chapter 3

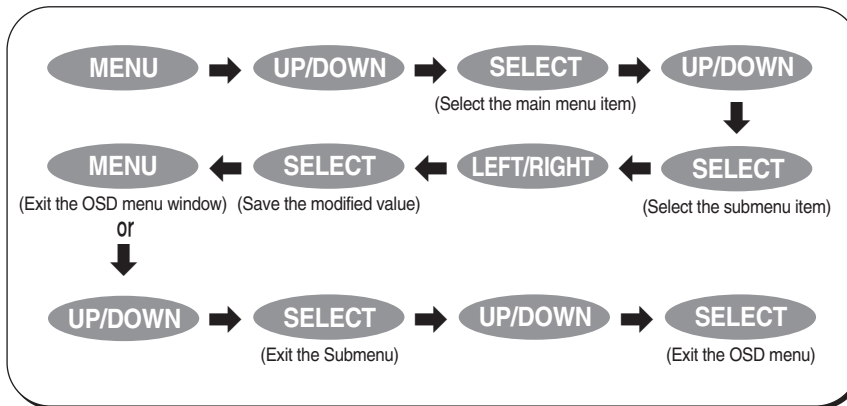## Adjusting the OSD (On Screen Display) Menu

**3.1** Selecting and Adjusting the OSD(On Screen Display) Menu

**3.2** The OSD(On Screen Display) Menu Functions

# 3.1 Selecting and Adjusting the OSD(On Screen Display) Menu

**You can select the OSD menu in the OSD window by using all the control buttons under the display. To change the current settings or adjust it to what you prefer, please follow these steps.**

## Selecting and Adjusting the OSD menu

MENU ➡ UP/DOWN ➡ SELECT ➡ UP/DOWN
(Select the main menu item)

MENU ⬅ SELECT ⬅ LEFT/RIGHT ⬅ SELECT
(Exit the OSD menu window)  (Save the modified value)     (Select the submenu item)

or

UP/DOWN ➡ SELECT ➡ UP/DOWN ➡ SELECT
(Exit the Submenu)                        (Exit the OSD menu)

**1** Press the **MENU** button to open the OSD menu window.

**2** Press the **UP/DOWN** button to move the desired main menu item.

**3** The main menu item you moved is highlighted, press the **SELECT** button.

**4** Press the **UP/DOWN** button to move the desired submenu item.

**5** The submenu item you moved is highlighted, press the **SELECT** button.

**6** Press the **LEFT/RIGHT** button to modify the current value.

**7** Press the **SELECT** button to save the modified value.

*8* To close the OSD menu window, press the **MENU** button or select 'EXIT' (in the submenu window) in order.
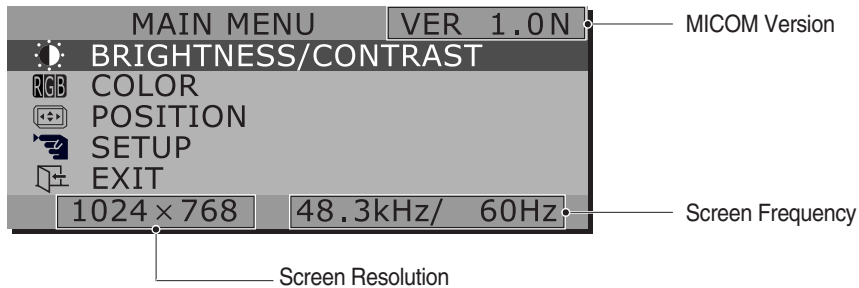
*Note*

OSD window will be disappeared in a few seconds if there's no input on OSD windows.

# 3.2 The OSD(On Screen Display) Menu Functions

## OSD Main Menu

**The OSD main menu window that you can select and adjust the OSD menu to the optimal display appears by pressing the MENU button.**

```
      MAIN MENU        VER  1.0N      ────── MICOM Version
    BRIGHTNESS/CONTRAST
    COLOR
    POSITION
    SETUP
    EXIT
    1024×768     48.3kHz/  60Hz       ────── Screen Frequency

              Screen Resolution
```

- ▣ **BRIGHTNESS/CONTRAST**

  Controls the brightness and contrast of the display.

- RGB **COLOR**

  Changes the value of the display color (Red, Green, Blue).

- ▣ **POSITION**

  Adjusts the horizontal and vertical position, clock and phase of the display.

- ▣ **SETUP**

  Controls the OSD position, OSD time, and input source of the display.

- ▣ **EXIT**

  Exits the OSD menu.

## OSD Sub Menu

**The OSD submenu window appears by selecting the main menu.**

◉ ▣ BRIGHTNESS/CONTRAST

```
BRIGHTNESS ◀▐▐▐▐▐▐▐▐▐▐▐▐▐▐▐▐▐▐▐▐▐▐▐▐▐▐▐▐▐···▶
CONTRAST   ◀▐▐▐▐▐▐▐▐▐▐▐▐▐▐▐▐▐▐▐▐▐▐▐▐▐▐▐▐▐···▶
EXIT
```

**BRIGHTNESS** : Controls the brightness of the display.

**CONTRAST** : Adjusts the level of difference between light and dark areas of the display.

**EXIT** : Exits BRIGHTNESS/CONTRAST menu.

◉ RGB COLOR

```
      PRESET1         PRESET2
RED                ◀▐▐▐▐▐▐▐▐▐▐▐▐▐▐·············▶
GREEN              ◀▐▐▐▐▐▐▐▐▐▐▐▐▐·············▶
BLUE               ◀▐▐▐▐▐▐▐▐▐▐▐▐▐·············▶
EXIT
```
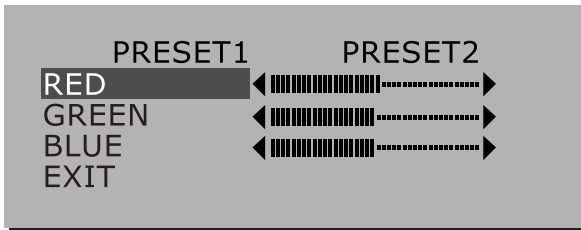
**RED** : Changes the value of red.

**GREEN** : Changes the value of green.

**BLUE** : Changes the value of blue.

**EXIT** : Exits COLOR menu.

## ◉ 🔀 POSITION

```
HORIZONTAL ◀▌▌▌▌▌▌▌▌▌▌▌▌▌▌▌▌┄┄┄┄┄▶
VERTICAL    ◀▌▌▌▌▌▌▌▌▌▌▌▌▌▌▌┄┄┄┄▶
CLOCK       ◀▌▌▌▌▌▌▌▌▌▌▌┄┄┄┄┄┄┄▶
PHASE       ◀▌▌▌▌▌▌▌▌▌▌▌┄┄┄┄┄┄┄┄▶
EXIT
```

**HORIZONTAL** : Adjusts the horizontal position of the display.

**VERTICAL** : Adjusts the vertical position of the display.

**CLOCK** : Increases or decreases the number of pixel to adjust the horizontal size.
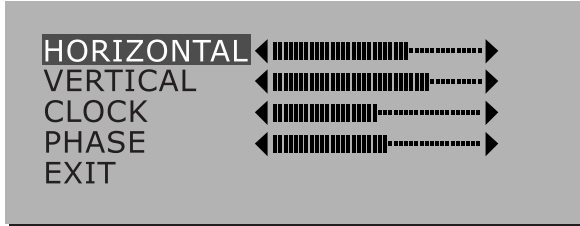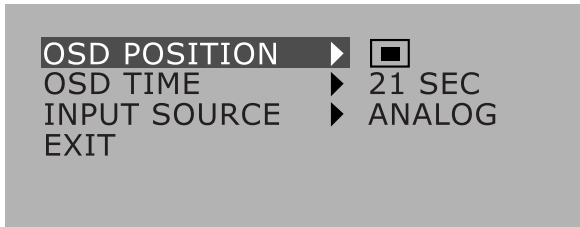
**PHASE** : Adjusts the focus and clarity of the display.

**EXIT** : Exits POSITION menu.


## ◉ 🔁 SETUP

```
OSD POSITION   ▶  ▣
OSD TIME       ▶  21 SEC
INPUT SOURCE   ▶  ANALOG
EXIT
```

**OSD POSITION** : Adjusts the position of the OSD window.

**OSD TIME** : Selects the waiting time the OSD window fades away on the screen within
               100 sec. (Dafault : 15 sec)

**INPUT SOURCE** : Selects the input source according to the display device you connected.

  - DIGITAL : Selects when connect the DVI cable to the DVI connector of the computer.

  - ANALOG : Selects when connect the VGA cable to the VGA connector of the computer

- S-VIDEO : Selects when connect the S-VIDEO cable to the S-VIDEO connector of the camcorder.

- COMPOSITE : Selects when connect the VIDEO cable to the VIDEO jack of the camcorder.

**EXIT** : Exits SETUP menu.

## Caution

When you press the **SELECT** button in Windows display, the current input source will be appeared and it will be switched to ANALOG ▶ DIGITAL ▶ COMPOSITE ▶ S-VIDEO ▶ TUNER(Optional) by pressing the **SELECT** button every two times continuously. The screen will be blanked unless the input source is correct. Select the proper input source according to the display device you connect.
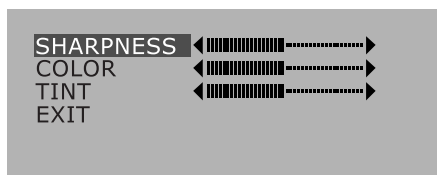
## Note

▶ **The OSD menu when connect the TV tuner(optional)**
The OSD menu window appears with pressing **MENU** button after connecting the TV tuner.

```
        MAIN MENU       VER  1.0N
     BRIGHTNESS/CONTRAST
RGB  COLOR
TV   CHANNEL
     SETUP
     EXIT
     TUNER
```

◉ RGB **COLOR**

```
SHARPNESS  ◀▐▐▐▐▐▐▐▐▐▐▐▐----------▶
COLOR      ◀▐▐▐▐▐▐▐▐▐▐▐----------▶
TINT       ◀▐▐▐▐▐▐▐▐▐▐▐----------▶
EXIT
```

● **SHARPNESS** : Adjusts the level of display sharpness.
● **COLOR** : Adjusts the amount of RGB(Red, Green, Blue) color from white color in the display.
● **TINT** : Adjusts the tint of the display color.
● **EXIT** : Exits COLOR menu

## *Note*

◉ ⟨↔⟩ **CHANNEL**

```
AIR/CATV              ▶  CATV
AUTO CHANNEL      ▶  STOP
MANUAL CHANNEL▶  C   q ADD.
FINE                      O
EXIT
```
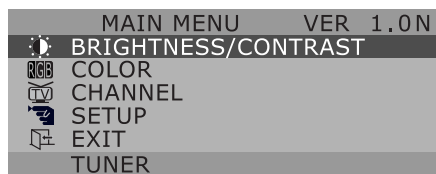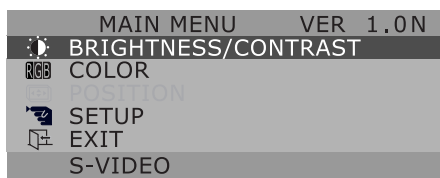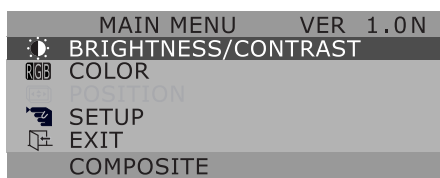
● **AIR/CATV**
  - AIR : Selects when watching the air TV.
  - CATV : Selects when watching the CATV.
● **AUTO CHANNEL** : Automatically memorize all the active TV or CABLE channels.
  – START : Starts detecting the active channels.
  – STOP : Stops detecting the active channels.
● **MANUAL CHANNEL** : Manually memorize or erase the TV or CABLE channel.
● **FINE** : Selects when the display color is blur or unfocused.
● **EXIT** : Exits CHANNEL Menu.

▶ **The OSD menu when connect S-VIDEO connector**

```
        MAIN MENU     VER  1.0N
   ▐▌  BRIGHTNESS/CONTRAST
   RGB  COLOR
        POSITION
   ▐▌  SETUP
   ▐▌  EXIT
        S-VIDEO
```

▶ **The OSD menu when connect VIDEO jack**

```
        MAIN MENU     VER  1.0N
   ▐▌  BRIGHTNESS/CONTRAST
   RGB  COLOR
        POSITION
   ▐▌  SETUP
   ▐▌  EXIT
        COMPOSITE
```

※ For more details, please refer to  2.1 Selecting and Adjusting the OSD(On Screen
Display) Menu and 2.2 The OSD(On Screen Display) Menu Functions' in this chapter.
The COLOR submenu of the S-VIDEO and VIDEO OSD MENU is same as the COLOR
submenu of the TV TUNER.

3-8
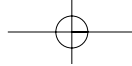
# Appendix

## Troubleshooting/Specification

**A.1** TroubleShooting

**A.2** Specification
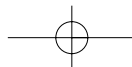
# A.1  TroubleShooting

**Please check the below particulars before you contact the service center to notify an abnormality of the monitor.**

## The window doesn't show anything

◉ **Is the monitor power cord inserted?**

Please connect the power cord correctly to the concent.

◉ **Is the power turned off?**

Please press the power button.

◉ **Is the power turned on and the power pilot lamp blinking amber?**

The monitor is in the power saving mode. Please therefore move the mouse or press any key on the keyboard.

◉ **Is the message 'Out Of Range' shown?**

If a power indicating lamp of amber color blinks, press any key to go back to previous mode. As it passes over the frequency limit of horizon (31.5-80kHz) and verticality (60-75 Hz) in computer (video card), you'd reconfigure it as referring to the specification of this manual. (If you install the monitor driver that we have provided, it won't come up with the message 'OUT OF RANGE' .)

◉ **Is the message 'No Input Signal' shown?**

It shows up as computer changes to power-saving mode or the signal cable between computer and monitor isn't rightly connected. Move your mouse or press keyboard button. But it won't still show you a right screen, then recheck a signal cable connection.

## The color of the window is not normal

◉ **Has a discoloration (into 16 colors) of the screen occurred?**

Set the number of colors to more than 256 colors. On the Windows 95/98/XP, perform the following process [Control Panel] ▶ [Display] ▶ [Setting] ▶ [Color Table/Screen Resolution] ▶ [256 Colors] ▶ [OK]

◉ **Do you see a spot on the screen?**

You may see a few spots (in red, green, white and black) on the screen during the operation. Occurrence of such a phenomenon is not a failure but a characteristic of the LCD panel, and therefore has no relation to the performance of the monitor.

## The window is under a bias toward one side, or is not centrally positioned

◉ **Is the positional adjustment made correctly?**

Press the **AUTO** button, then the screen will be adjusted automatically into the optimal state applicable to the current mode.
If you are not satisfied with the auto adjustment, you can directly adjust the H Position (Horizontal Position), V Position (Vertical Position), and Clock (Horizontal Size) of the OSD menus.
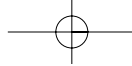
◉ **Is the Phase adjustment made properly?**

Press the **AUTO** button, then the screen will be adjusted automatically into the optimal state applicable to the current mode.
If you are not satisfied with the auto adjustment, you may manually adjust the Phase (Focus) of the OSD menus.

**TroubleShooting**

## A faint letter is shown, or the phase is out of focus. Noise is also generated horizontally

◉ **Is the screen set in the best state?**

While you are using this product in the mode of $1280 \times 1024$ and 60Hz, the best condition of the screen is available. In the mode of VGA($640 \times 480$), SVGA($800 \times 600$) or XGA ($1024 \times 768$), the outline of a letter may be seen dimly or unevenly.
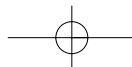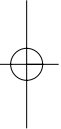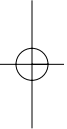
# A.2  Specification

**The details of product specification can be changed without notice to improve the product.**

| LCD | Type | a-Si active matrix TFT-LCD |
|---|---|---|
| | Size | 18.1 (459.74mm) |
| | Pixel Pitch | 0.2805mm × 0.2805mm |
| | Luminance, white | 250 cd/m2 |
| | Contrast Ratio | 350 : 1(typical) |
| | View Angle(H/V) | U/D:±80°, R/L:±80° |
| | Interface | Analog / Digital |
| Frequency | Horizontal frequency | 31.5~80 kHz |
| | Vertical frequency | 60~75 Hz |
| Resolution | Maximum | SXGA 1280 × 1024 |
| Color | Color depth | 8 bit(16,777, 216 Color) |
| Signal Input | Input Connectors | 15pin D-Sub, DVI-D, RCA, S-VHS |
| | User's control | Auto Configuration, Brightness, Contrast, H-Position, V-Position, Color RGB, Phase, Clock, Volume etc. |
| Audio | Output | Stereo 2Watt × 2 |
| Special | Low-Radiation | TCO 99 |
| Features | Angle Control | Swivel : 120°, Tilt : -5° ~30° |
| | Special features | Dual Interface |
| Consumption | On Working | 40Watts(Max.) |
| Power | DPMS | VESA DPMS Standard |
| Option | TV | NTSC, PAL/SECAM |
| | USB | UP Port 1EA, DOWN Port 2EA |

**Factory-specified Mode**

| | Factory-specified Mode | | Horizontal Frequency(kHz) | Vertical Frequency(kHz) |
|---|---|---|---|---|
| 1 | VGA | 640×350 | 31.47 | 70 |
| 2 | VGA | 640×480 | 31.47 | 60 |
| 3 | VGA | 640×480 | 37.86 | 72 |
| 4 | VGA | 640×480 | 37.50 | 75 |
| 5 | VGA | 720×400 | 31.47 | 70 |
| 6 | SVGA | 800×600 | 37.88 | 60 |
| 7 | SVGA | 800×600 | 48.68 | 72 |
| 8 | SVGA | 800×600 | 46.88 | 75 |
| 9 | XGA | 1024×768 | 48.36 | 60 |
| 10 | XGA | 1024×768 | 56.48 | 70 |
| 11 | XGA | 1024×768 | 60.02 | 75 |
| 12 | SXGA | 1280×1024 | 64.0 | 60 |
| 13 | SXGA | 1280×1024 | 79.98 | 75 |

*Caution*

❶ The indication in above diagram and actual value shall not be always coincident. This product automatically adjusts for optimum condition by itself.

❷ In case of any trouble in user's set-up, it automatically returns to the initial set-up mode.
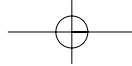
# Customer's Card

**Product name**        :                          **Model name :**

**Data of Purchase**    :

**Customer's Name**   :                          **Tel.**                 **Address**

**Customer's Name**   :                          **Tel.**                 **Address**

# Warranty

**Product name**        :                          **Model name :**

**Data of Purchase**    :

**Customer's Name**   :                          **Tel.**                 **Address**

**Agency Name**         :                          **Tel.**                 **Address**

**ΛTEC SYSTEM**

**One-year warranty**

You must present this warranty containing the date of purchase when you ask for service.
Please keep this warrant in a safe place.
   1. The warranty of this product will be based on the contents in the warranty.
   2. The warranty period is calculated from the date of purchase, please write down the date of purchase.
   3. To calculate the date of purchase this product, please bring your sales recipt taken from your dealer.
   4. The warranty period lasts one year for normal use.
   5. In the case of a separate agreement, the descriptions of the main agreement will be applied.