MB181ATP

18.1" Active Matrix LCD (TFT)

User Guide

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LCD & TV monitor

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INDEX

■ **Caution** 1
- 1. Caution for Installation 1
- 2. Important Safety Instruction 2

■ **Components** 4

■ **Monitor Configuration** 5
- 1. Front View 6
- 2. Rear View 7
- 3. Remote Controller 9

■ **Connecting Monitor** 11
- 1. Connecting Monitor to Computer 11
- 2. Connecting Monitor with Antenna 12
- 3. Connecting Monitor with VCR 13

■ **Descriptions for Function Buttons** 14

■ **Descriptions for Function Buttons and LED** 15

■ **How to Use** 17

■ **Description for OSD Control Screen** 19
- ● Understanding of Adjustment Items 19
- ● Basic Menu Screen on Each Mode 20
- ● Descriptions for OSD Control Screen 21
  - 1. Menus When Using PC Monitor 21
  - 2. Menu When Using TV Mode 23
  - 3. Menu When Using Video (Composite) Mode 26
  - 4. Menu When Using Video 2 (S-VHS) Mode 27

■ **Product Specification** 29

■ **Product Display Specification** 30

■ **Please Check** 31

■ **Descriptions for Terms** 32

■ **Characteristics of LCD Panel** 33

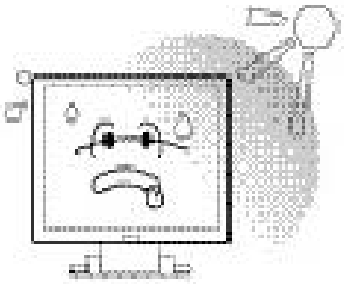
■ **Product Warranty**

Caution

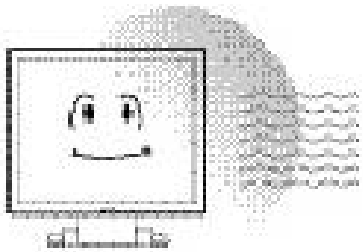
■ **You should follow the followings for using the product properly to prevent any danger or product damage. Please read the following instructions carefully and use the product as described below for the best perfomance and safety**

1.Cautions for installation

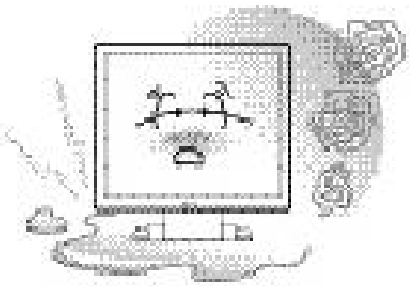
Select the best installation location, referring to the followings, to extend the product lifetime.



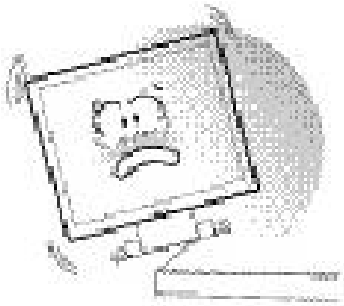
Do not expose the monitor to a direct ray of light and fire. Otherwise it may be transformed or damaged.



Place the monitor on the space with fresh and cool air.
Placing it on a narrow space may cause the internal temperature rising, which may result in fire.



Place the monitor on clean and dry space. Otherwise, it can be mis-operated, electrocuted, or fired..



Place the monitor on the fixed and stable position of no shock or vibration.Otherwise, it can be dropped and broken.

INFORMATION TO THE USER (Part 15.105(b))

INFORMATION TO THE USER

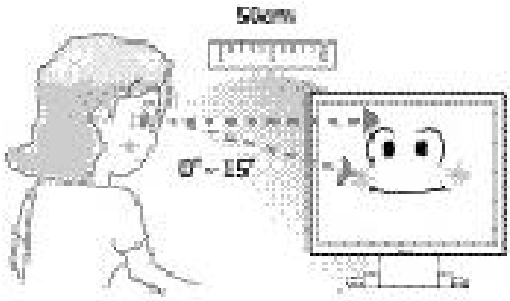
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate 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 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.

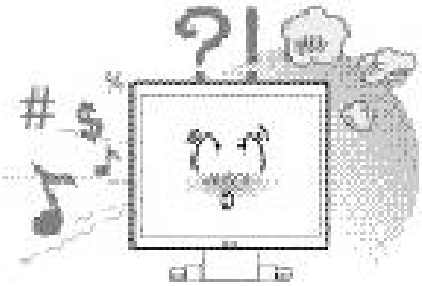
WARNING (Part 15.21)

The manufacturer is not responsible for any Radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment."

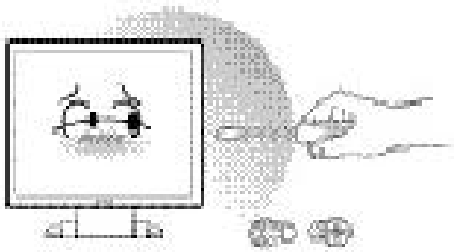
Important Safety Instructions



Place the monitor more than 50cm away and 0°~15° lower than eyesight. To prevent amblyopia and eye fatigue, use it with correct carriage and rest for more than 5 minutes after using it for 1 hour.



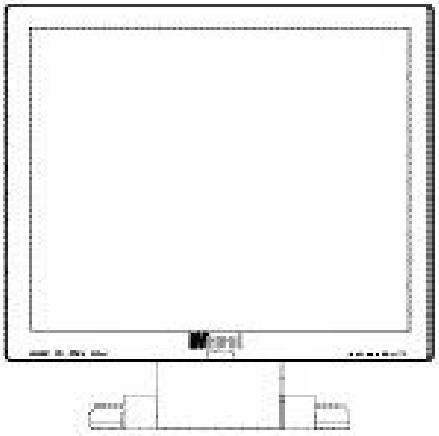
If smoke or strange sound is generated from the monitor, pull out the power plug and contact the sales agent or the customer service center. It can be fired or affected by electricity.



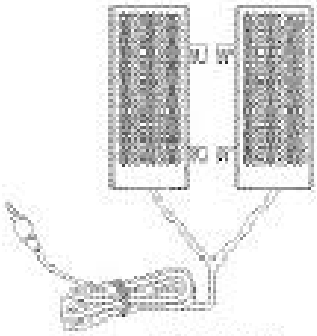
Do not disassemble, repair, or remodel the monitor at your own accord.
It can be fired or affected by electricity.
If it needs repairing, contact the sales agent or the customer service center.

Components

■ After you unpack your LCD monitor, make sure that the following items are included in the box and in good condition. If there is anything not included, contact the sales agent immediately.



LCD Monitor

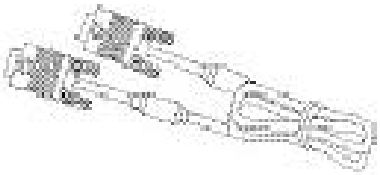


Speaker

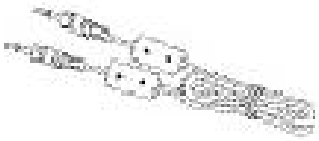
User Guide

Remote Controller

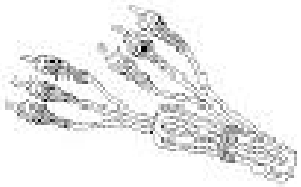
Adapter



D-SUB Signal Cable



Audio Cable



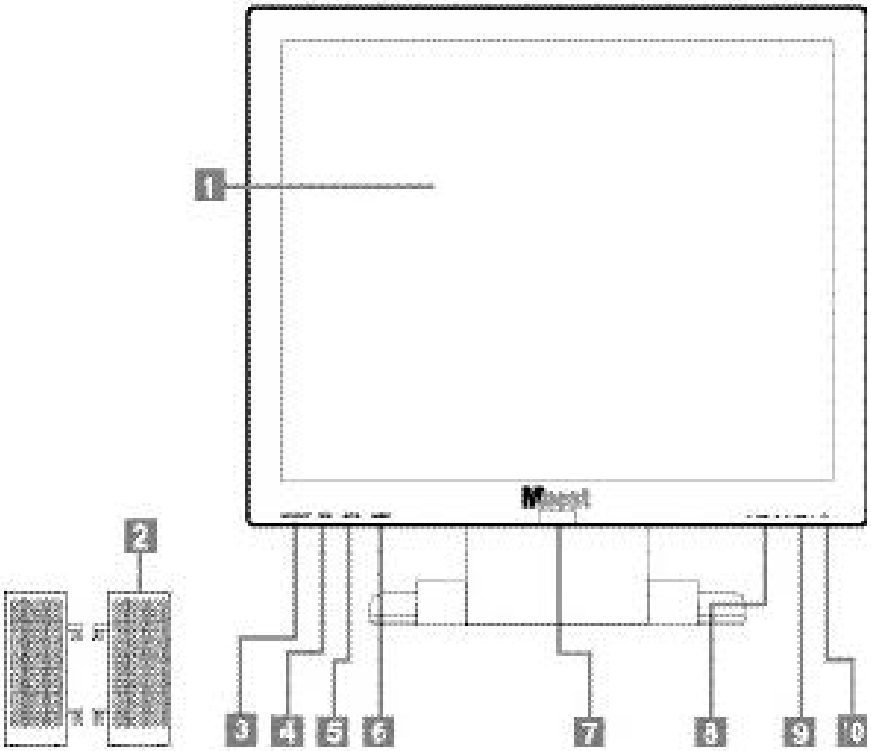
RCA Cable (Option)

Monitor Configuration

■ **Exterior buttons and various connections of LCD monitor are described below. Please refer to the figure and the description of each part below, for each function.**

1. Front view

The followings are names and functions of front view .



1. LCD Panel 2. External Speaker 3. Function Select Button 4. PIP (Picture In Picture) Button 5. Optimal Screen (AUTO) Button 6. Menu Button 7. Power LED & Remote Control Sensor 8. Channel Select Button 9. Volume Control Button 10. Power Button

1. LCD Panel
This is 18.1" TFT LCD screen, and supports 1280 x 1024 mode 16,777,216 colors.

2. External Speaker
As a stereotype speaker of 3W x 2 outputs at the maximum, it is connected to sound card terminal in PC.

3. Function Select Button
This is the button for selecting PC/TV/VIDEO 1/VIDEO 2 mode.

4. PIP (Picture In Picture) Button
This buton activates another small window on the screen. PIP function enables you to work at PC and watch TV or Video at the same time to increase the user's convenience.

5. Optimal Screen (Auto) Button
This is the button for optimizing the screen automatically.

6. Menu Button
This is the button for displaying OSD control screen on the monitor.

7. Power LED & Remote Control Sensor

8. Channel Select Button
This is the button for selecting TV channel.

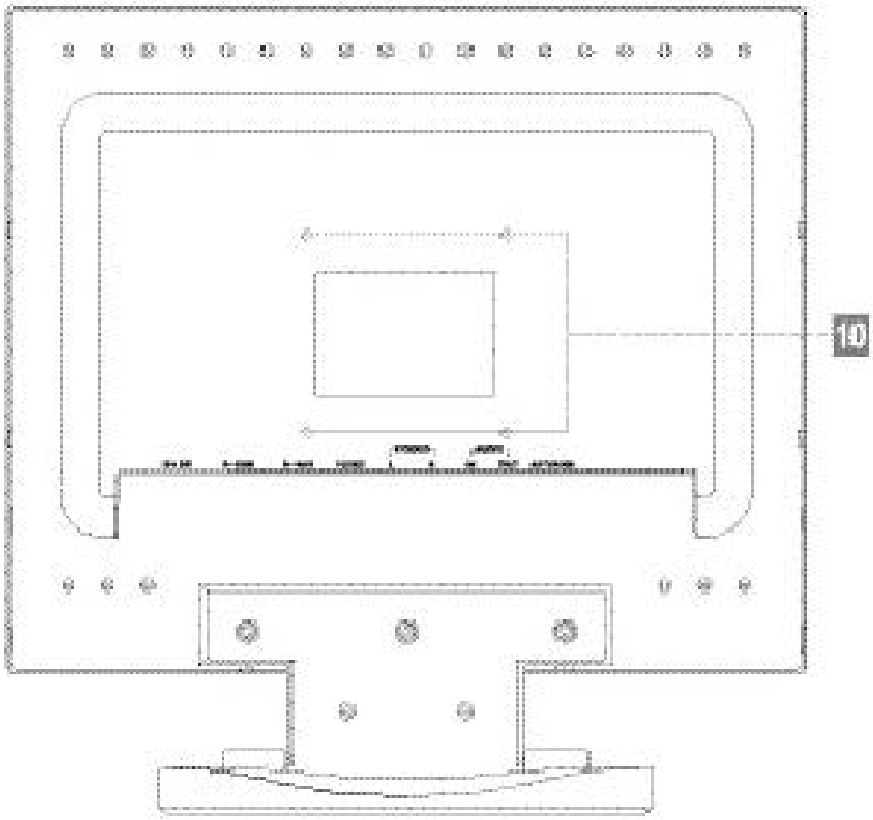
9. Volume Control Button
This is the button for controlling volume.

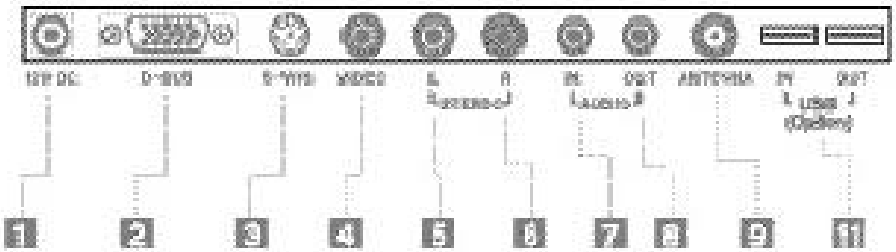
10. Power Button
This is the button for turning on/off the monitor.

Monitor Configuration

2. Rear view

The followings are names and functions of monitor rear view.





1. Power Input Terminal 2. D-SUB Terminal 3. S-YHS Input Terminal 4. External Image Input Terminal 5. External Sound Input Terminal (Left) 6. External Sound Input Terminal (Right) 7. Audio Input Terminal 8. Audio Output Terminal 9. Antenna Input Terminal 10. Wall Mounting YESA Hole 11. USB Output Terminal (Option)

1. Power Input Terminal
This terminal is used to connect the power source. Put the plug into 220V or 110V outlet.

2. D-SUB Terminal
This terminal is used to connect PC and D-SUB connector of the monitor by D-SUB signal cable.

3. S-VHS Input Terminal
This terminal is connected to S-VHS output terminal of external device by S-VHS cable.

4. External Image Input Terminal
This terminal is connected to the video output terminal of external device by RCA cable.

5. External Sound Input Terminal (Left)
This terminal is connected to the voice output terminal of external device by RCA cable.

6. External Sound Input Terminal (Right)
This terminal is connected to the voice output terminal of external device by RCA cable.

7. Audio Input Terminal
This terminal is connected to the speaker terminal of PC sound card by audio cable.

8. Audio Output Terminal
This terminal is connected to the external speaker by audio cable.

9. Antenna Input Terminal
This terminal is used to connect the antenna.

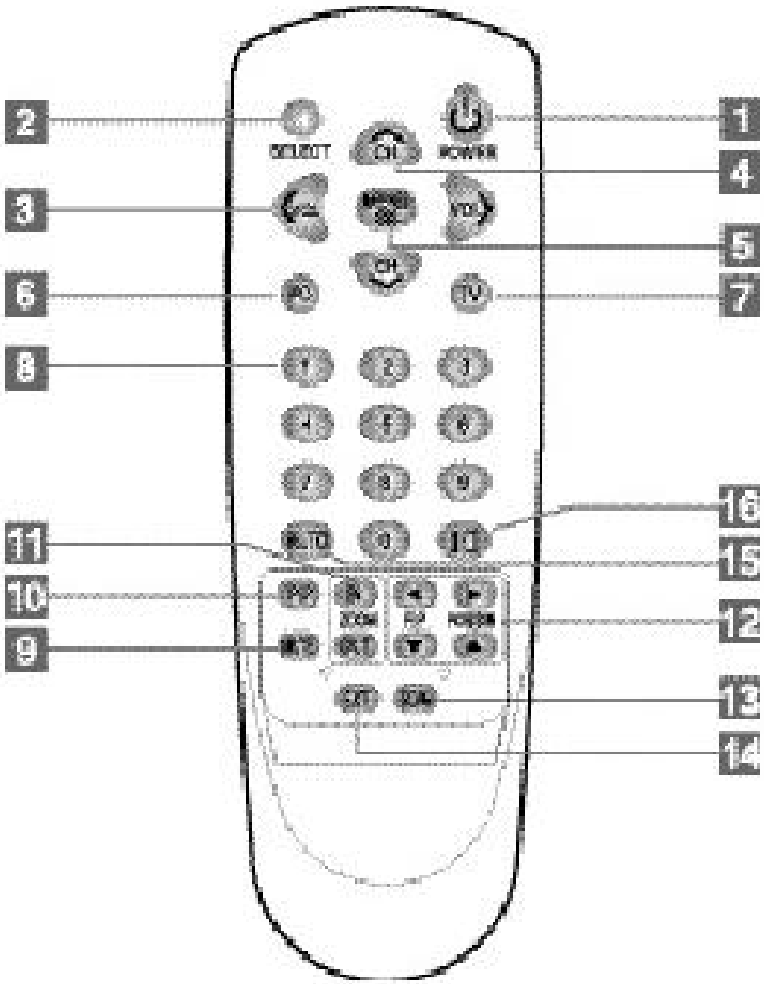
10. Wall Mounting VESA hole
Use this hole to use the monitor by hanging it on the wall.
(Hanging facilities can be purchased separately.)

11. USB Output Terminal (Option)

Monitor Configuration

3. Remote controller

The buttons of the remote controller and their functions are described below.



1. Power Button 2. Select Button 3. Volume Control Button 4. Channel Select Button 5. Menu Button 6. PC Select Button 7. TV Select Button 8. Direct Channel Select Button 9. Mute Button 10. PIP Button 11. Zoom In Out Button 12. PIP Position Button 13. Scan Button 14. Exit Button 15. Auto Button 16. Pause Button

1. Power Button ⏻
This is the button for turning on/off the monitor.

2. Select Button
This is the button for selecting PC/TY/VIDEO1/VIDEO2.

3. Volume Control Button
This is the button for controlling volume.

4. Channel Select Button
This is the button for shifting channel to the memorized one.

5. Menu Button
This is the button for displaying the screen control menu.

6. PC Select Button
This is the button for selecting PC function.

7. TV Select Button
This is the button for selecting TV function.

8. Direct Channel Select Button
This is the button for selecting channel directly by using numbers.

9. Mute Button
This is the button for muting the speaker regardless of volume control.

10. PIP Button
This is the button for displaying TV or video screen on PC. You can turn it off or control its size by using VOL button.

11. Zoom In/Out Button
This is the button for closing up/down.

12. PIP Position Button
This is the button for controlling PIP screen position.

13. Scan Button
This is the button for searching channels automatically. (Auto channel search)

14. Exit Button
This is the button for exiting from the menu.

15. Auto Button
During installing the monitor or using it, you can control the screen status to the optimal state by using this button.

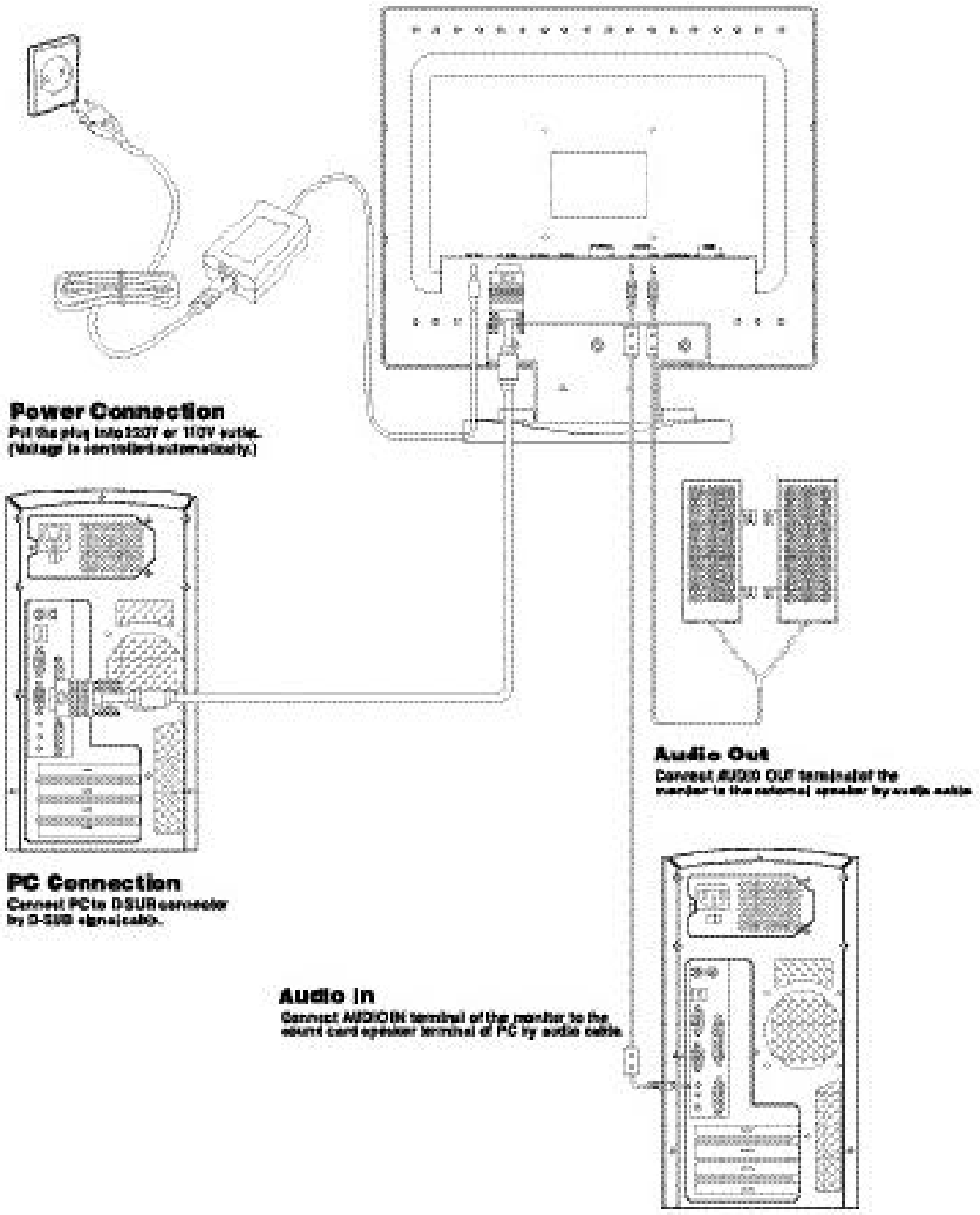
16. Pause Button II
This is the button for holding TV screen.

Connecting Monitor

■ **This is the method of connecting the monitor to peripheral devices.**

※Note: Turn off the monitor before connecting the monitor to computer and other devices.

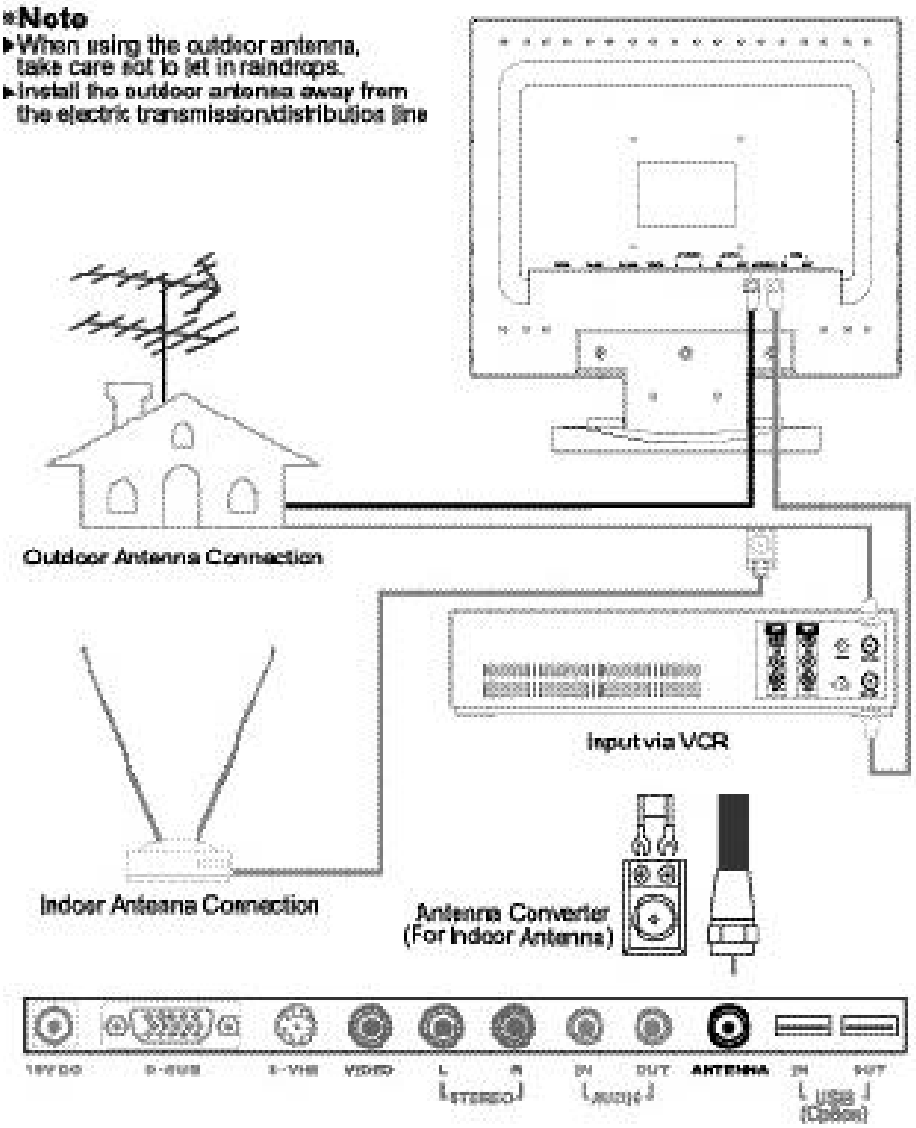
1. Connecting monitor to computer (Basic connection)



Connecting Monitor

2. Connecting monitor with antenna (For watching TV)

Connect antenna input terminal of the monitor to the connecting cable of antenna or cable TV.

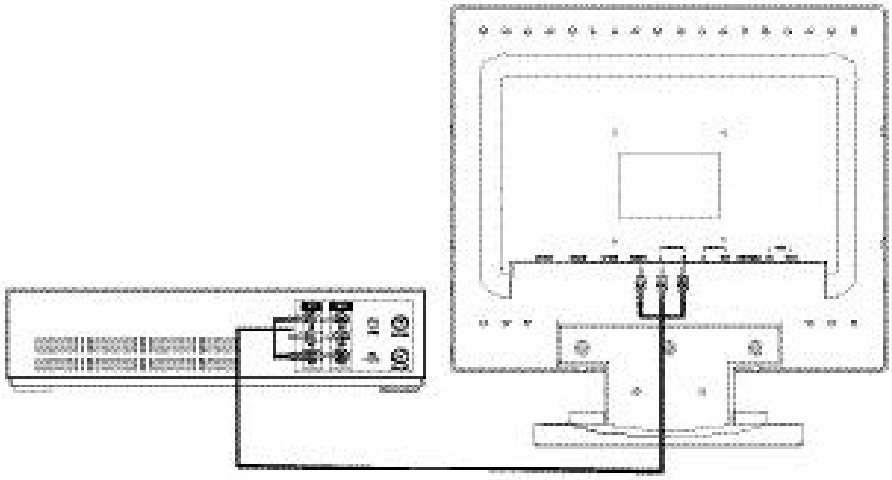


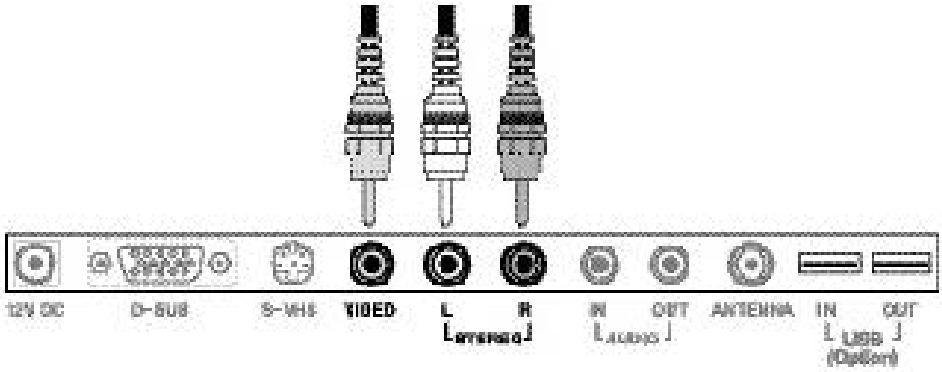
Connecting Monitor

3. Connecting monitor with VCR

Conned the external Image and Sound input terminal of he monitor to Image and Sound input terminal of VCR.

Note
When connecting the monitor to VCR or DVD, connect terminals of the same color.





Descriptions for function buttons

■ **MB181ATP LCD monitor front is configured with the following function buttons, and their functions are described below .**

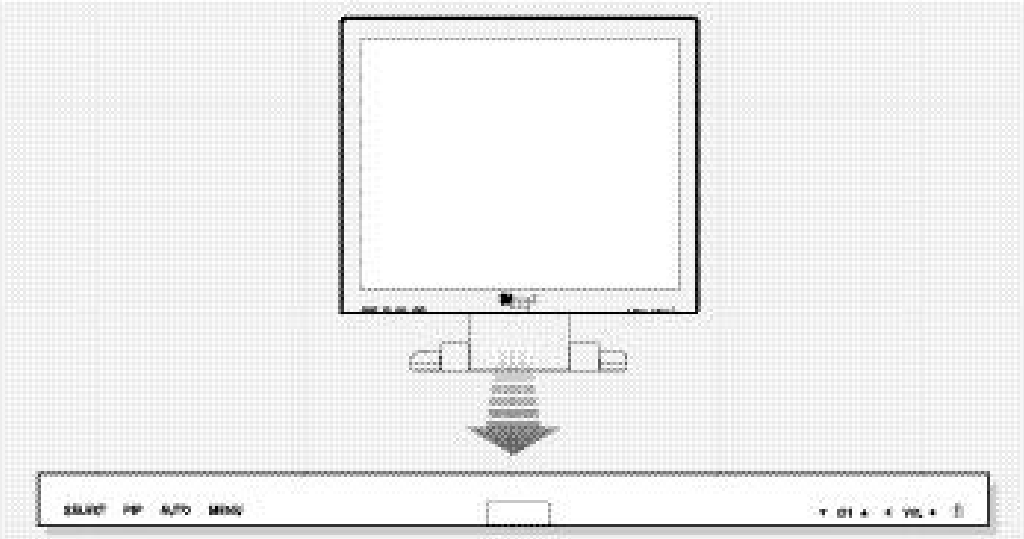


Figure 1. Front View of Monitor Pannel

● **SELECT Button**
This is the button for selecting PC/TV/VIDEO 1(COMPOSITE MODE)/VIDEO 2(S-VHS MODE) mode.

● **PIP (Picture In Picture) Button**
This button activates another small window on the screen. PIP function inproves the convenience of users. For examples users can watch TV and Video screen while working on PC .

Descriptions for function buttons and LED

● **AUTO**
This is the button for automatically resetting the screen to the best state.

Figure 2. 'AUTO' Control Screen

If you press 'AUTO' button one, the sub screen will appear on the right lower part of the screen as showen in Figure 2 and this screen is automatically reset to the best state.

● **MENU Button**
This is the button for displaying screen control menu.

● **▼ CH ▲ Button**
When watching TV, this button shifts channel to one higher or lower channel.
In addition, on control menu, this button selects higher or lover item.

● ◄ VOL ► Button

Figure 3-1. Volume Control Screen

Figure 3-2. Volume Control Screen

This is the button for tuning up or down the volume.(Volume control screen, shown in Figure 3-2 , is displayed.) In addition, this button also enables you to adjust the value of options while the adjustment menu is displaed.

● **Power Button**

This is the button for turning on/off the monitor.
When power is on, the light green indicator is around the button.

● **Descriptions for power LED**

When power is on, the light green indicator is around the button.
If VGA-cable is pulled out or SUSPEND-MODE is working, the light green indicator will flicker at certain interval.

● ◄ VOL ► Button

Figure 3-1. Volume Control Screen

Figure 3-2. Volume Control Screen

This is the button for tuning up or down the volume.(Volume control screen, shown in Figure 3-2 , is displayed.) In addition, this button also enables you to adjust the value of options while the adjustment menu is displaed.

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