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Information to user : Part 15, Paragraph 15.21 and 15.105(b)

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment

FCC Notice

NOTE : 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.

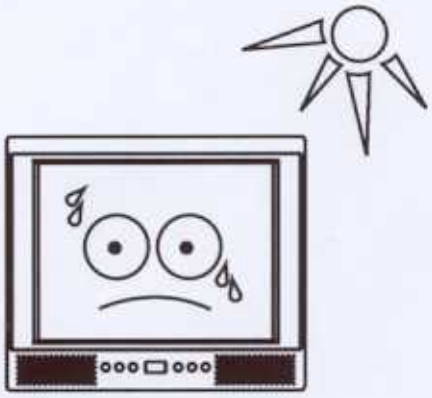
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1)this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

⊙ Cautions ⊙

Cautions while Installing and Using the Monitor

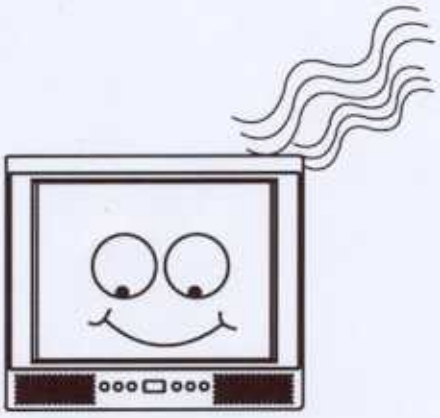
This symbol alerts the user that important literature concerning the operation and maintenance of this unit has been included Therefore ,it should be read carefully in order to avoid any problem.

This symbol warns user that uninsulated voltage within the unit may have sufficient magnitude to cause electric shock. Therefore, it is dangerous to make any kind of contact with any part inside this unit.



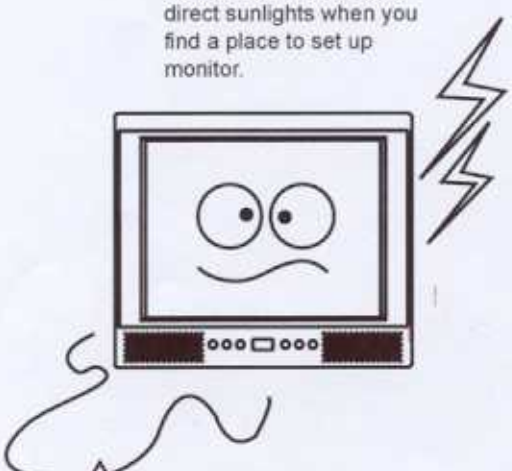
High Temperature and Sunlight

Do not place the monitor in the state of high temperature. And avoid direct sunlights when you find a place to set up monitor.



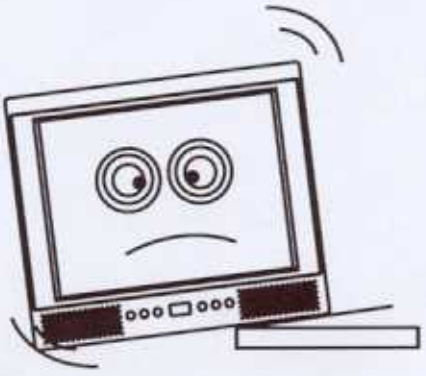
Well-Ventilated

The well-ventilated place is good for setting up monitor.



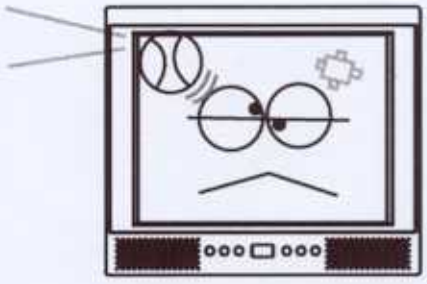
Alien substances

Be careful not to put alien substance inside monitor. It will cause break down.



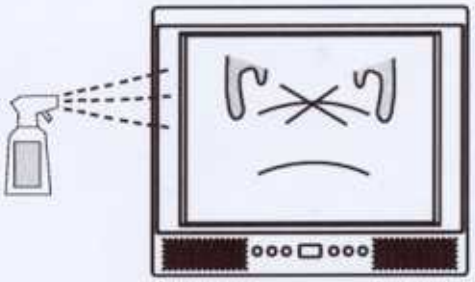
Unstable place

Be careful not to set on unstable place. Falling will result in serious damage..



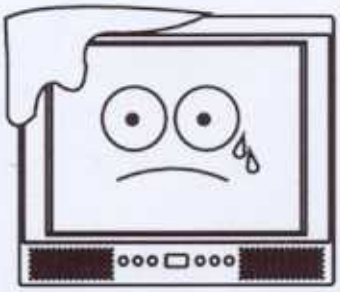
User's absence

Disconnect the power cord from receptacle during user's absence.



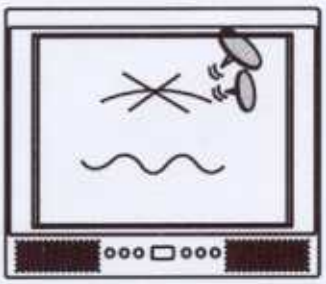
Chemical material

Do not use volatile chemical material like Benzene or Gasoline.
Wipe the monitor surface with dry cloth softly.



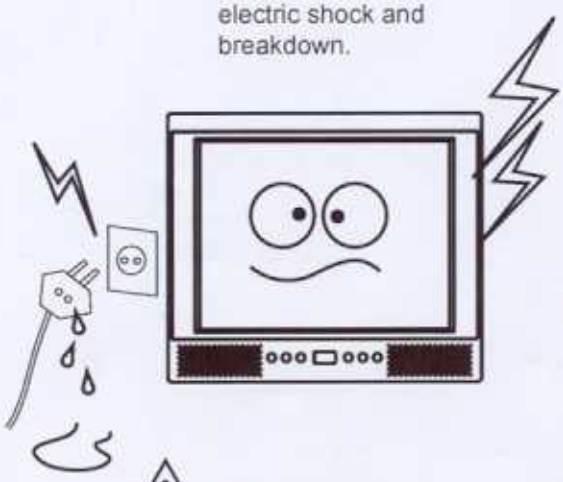
Humidity

putting the monitor in a damp place may cause electric shock and breakdown.



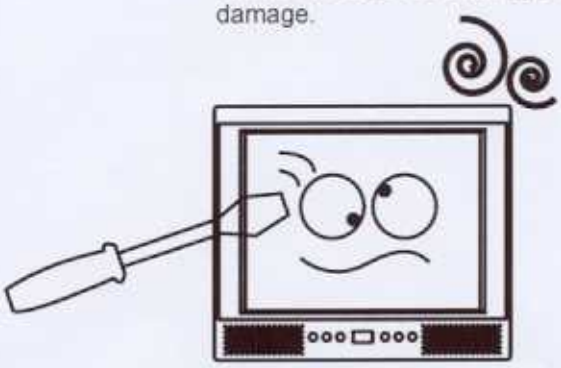
Scratch on the screen

Be careful not to scratch the LCD screen the LCD screen may be damage.



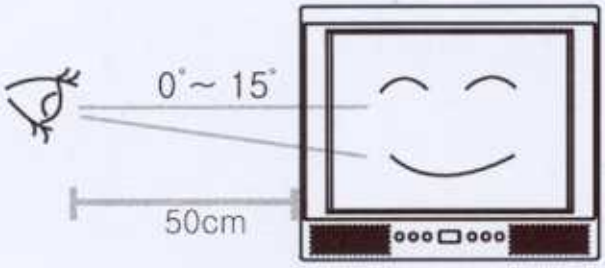
Power cord

Don't pull wire when you disconnect the power cord from receptacle.

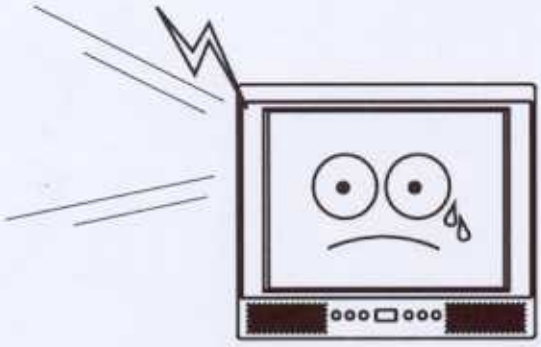


High Voltage

Don't assemble, repair and remodel when the monitor is working.



Keep you eyes about 50cm's distance from the monitor and keep your eye level 0 ° ~ 15 ° downward to the upper side of monitor.
(To prevent your eye tension and weakening eyesight, we recommend you to take a correct posture and take a rest for 5 minutes after every 1 hour using)

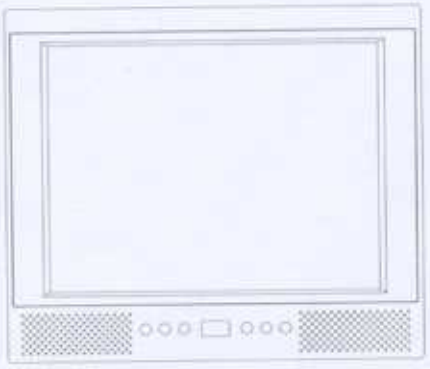


Humidity
putting the monitor in a damp place may cause electric shock and breakdown.

⊙ Item Checklist ⊙

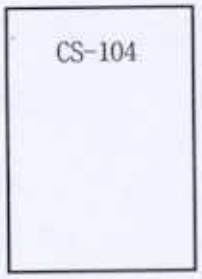
Make sure that you have everything to set up your system

- If any other parts was not in the package, contact agency as soon possible.
- An illustration of parts may be seen dirrerently comparing to real products.



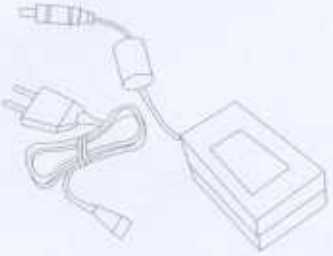
TFT LCD Monitor

Speaker

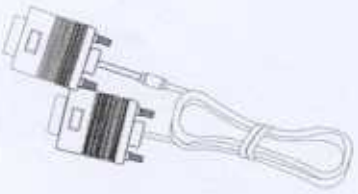


User's Manual

Remote Controller

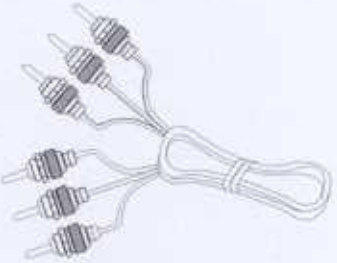


Power Adapter



D-SUB Signal Cable

Sound Cablel



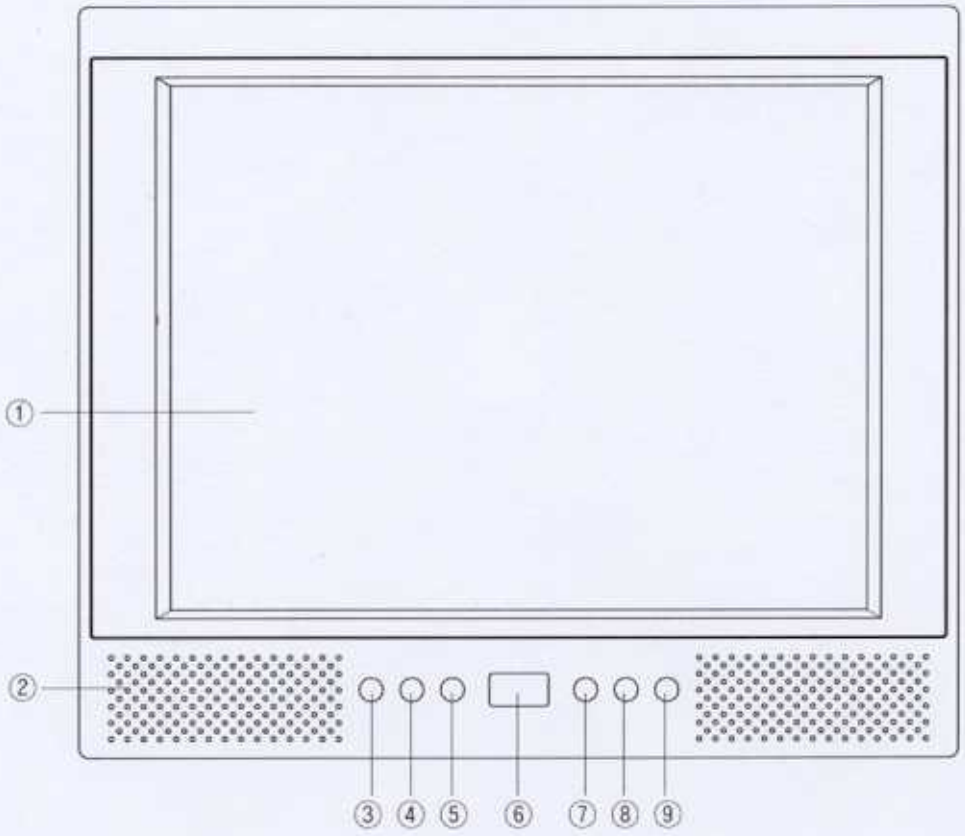
RCA Cable(Option)

⊙ Details of Monitor ⊙

This is the description for the buttons and the connections of LCD Monitor. Please refer the pictures and descriptions of each part of monitor and be accustomed to them.

1. Front

This is the description for the names and functions on the front side of monitor



① LCD Panel
② Install Speaker
③ Power Button
④ Volume Up & Screen Mode Change
⑤ Volume Down & Functions Selection
⑥ Remote Sensor
⑦ Channel Down
⑧ Channel Up
⑨ Menu

1. LCD pannel

It supports 800 X 600 Mode (Optimization) 262,144 colors

2. speaker

Connect to the port of VCR and DVDP.
The maximum speaker power is 2W x 2

3. power button

Turn on and turn off the LCD Monitor.

4. volume down & change mode button

Decrease the volume or change TV/AV/PC Mode.

5. volume up & funtion select button

Increase the volume or select a Menu

6. remote controller sensor & power LED

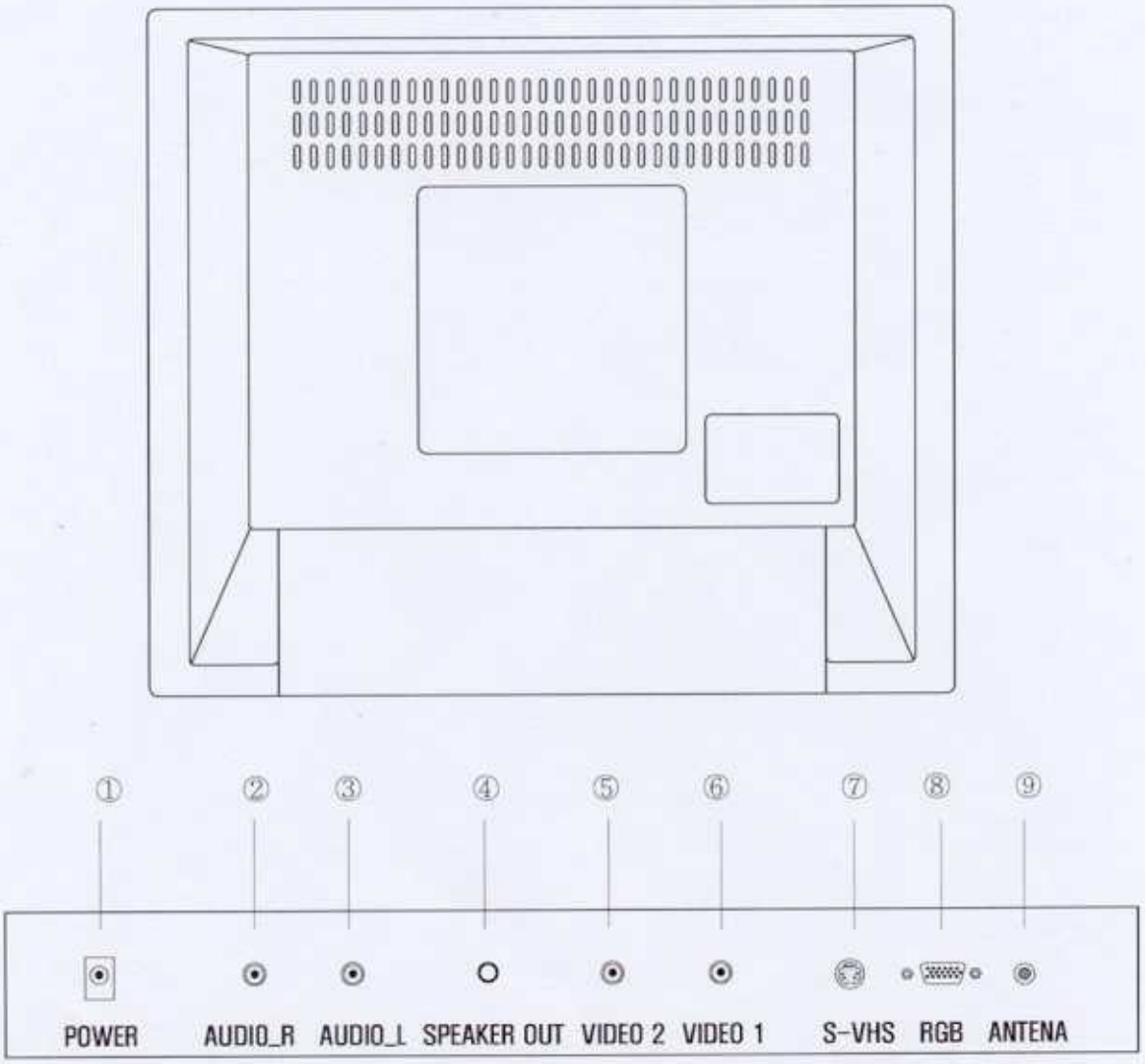
IR-Sensor for remote control is installed.
LED for power status is appeared.

7. channel down button

TDecrease the channel number.

⊙ Details of Monitor ⊙

2. Rear



① POWER INPUT PORT
② EXTEMAL AUDIO INPUT(LIGHT)
③ EXTEMAL AUDIO INPUT(LEFT)
④ AUDIO OUTPUT PORT
⑤ EXTEMAL VIDEO INPUT PORT(2)
⑥ EXTEMAL VIDEO INPUT PORT(1)
⑦ S-VHS INPUT PORT
⑧ D-SUB(PC) INPUT PORT
⑨ TV ANTENNA INPUT PORT

1. power input port

Connection port for power
(* Make sure to use the adapter provided with the monitor)

2. extemal audio input(light)

Connect the RCA cable matching the color (Red) of
Audio output port from external audio source

3. extemal audio input(left)

Connect the RCA cable matching the color (White) of
Audio output port from external audio source.

4. extemal audio output(earphone)

Connect the audio cable to the external speaker or connect the earphone cable.

5. extemal video input(2)

Connect the RCA cable to the video output port of external video source.

6. extemal video input(1)

When you connect an additional external video source,
connect the RCA cable to the video output port of external video source.

7. S-VHS input port

Connect to the S-VHS source.

8. RGB input port

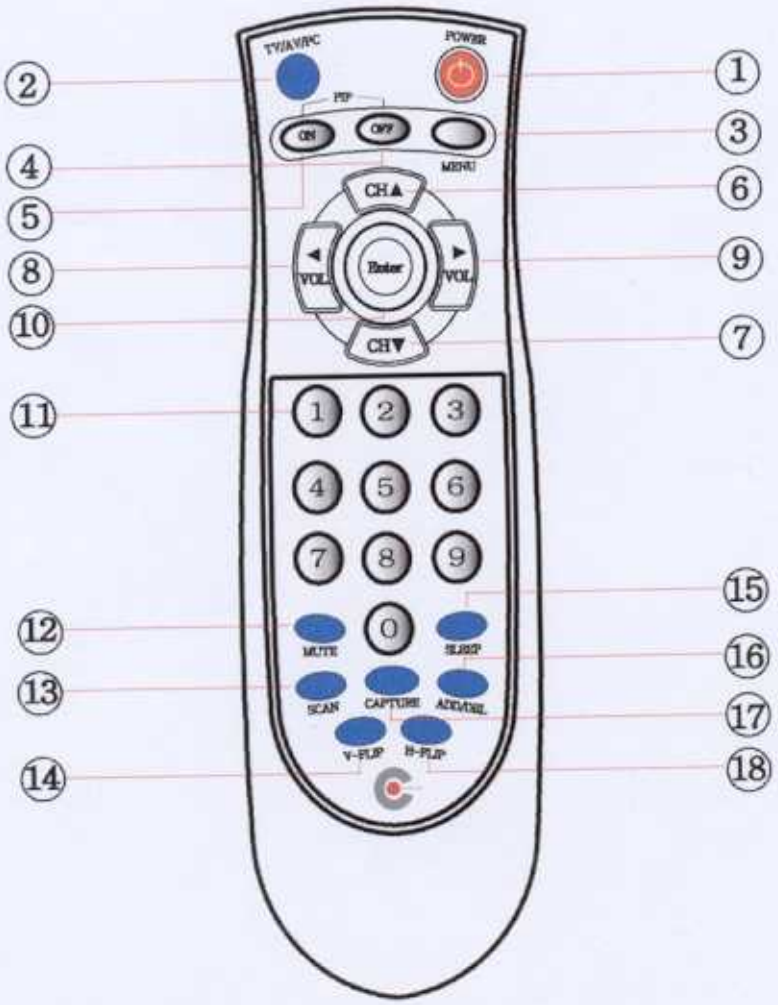
Connect the D-Sub signal cable to the D-sub Connectors on PC and Monitor.

9. TV antenna input port

Connect the external CATV cable or Antenna cable.

⊙Remote Controller ⊙

1. Remote Controller Explanation



1. Power Button	2. TV/AV/PC Button	3.Menu Button
4. PIP Close Button	5. PIP Open Button	6. Channel Up Button
7. Channel Down Button	8. Volume Down Button	9.Volume Up Button
10.Enter Button	11. Channel Direct Select Button	12. Mute Button
13. SCAN Button	14. Vertical FLIP Button	15. SLEEP Button
16.Insert/Delete Button	17. CAPTURE Button	18.Horizontal FLIP Button

1. power button

Turn on and turn off the LCD Monitor

2. TV/AV/PC button

Select TV/AV/PC Mode.

3. menu button

Make Screen control menu appear on the screen.

4. PIP close button

Close PIP window.

5. PIP open button

Activate PIP window.

6. channel up button

Increase the TV channel number.

7. channel down button

Decrease the TV channel number.

8. volume down button

Decrease the volume.

9. volume up button

Increase the volume.

10. ENTER button

Designate the Menu

11. Channel Direct Select Button

Direct select of TV channel

12. Mute Button

Silence the audio output temporarily regardless with the volume control

13. SCAN Button

Search channels automatically

14. Vertical FILP Button

Convert the screen vertically.

15. SLEEP Button

Set an automatic turn off time for your sleeping.

16. insert/delete Button

Add or erase TV channels.

17. CAPTURE Button

Capture the picture of TV screen.

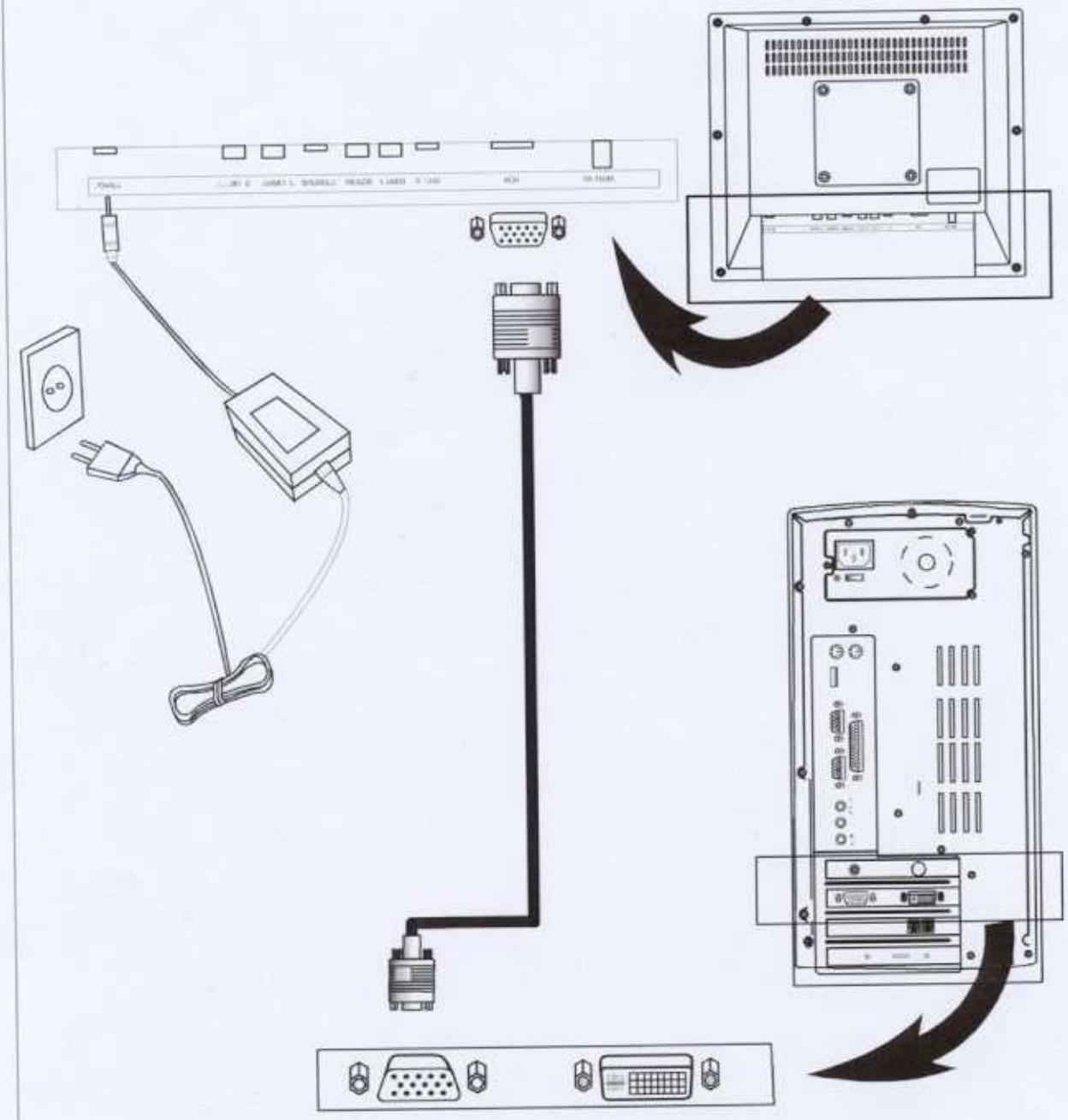
18. Horizontal FILP

Convert the screen horizontally

⊙ Connecting ⊙

1. Connect to Computer

Connect the power adapter cord to the monitor and the other end to the power outlet.



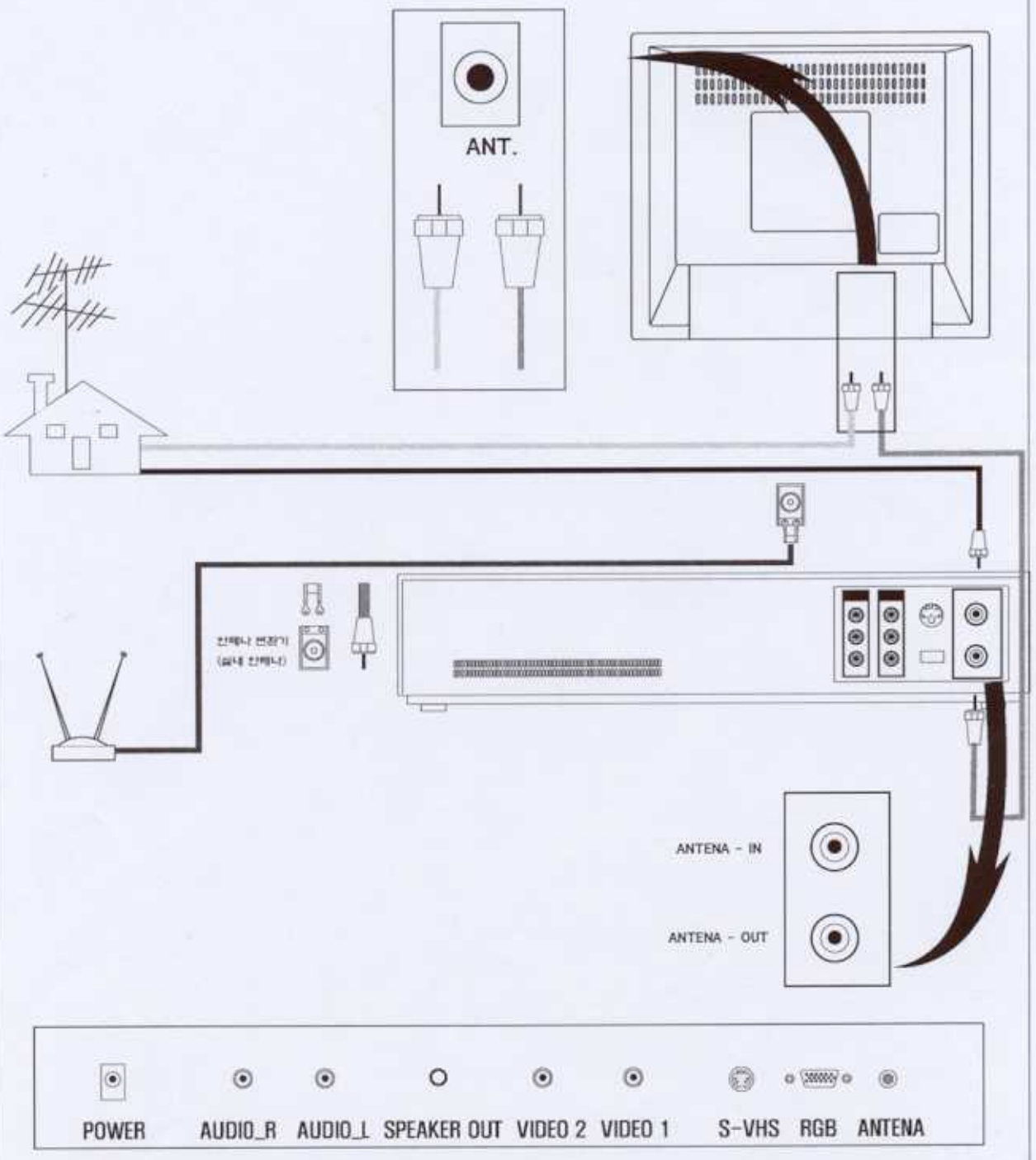
2. Connect to Antenna (watching TV)

Connect the CATV or Antenna cable to the antenna port of monitor.

* Caution

-Check the rain water leakage if you use exterior antenna.

-Keep the external antenna enough distance from power transmission line near your house.



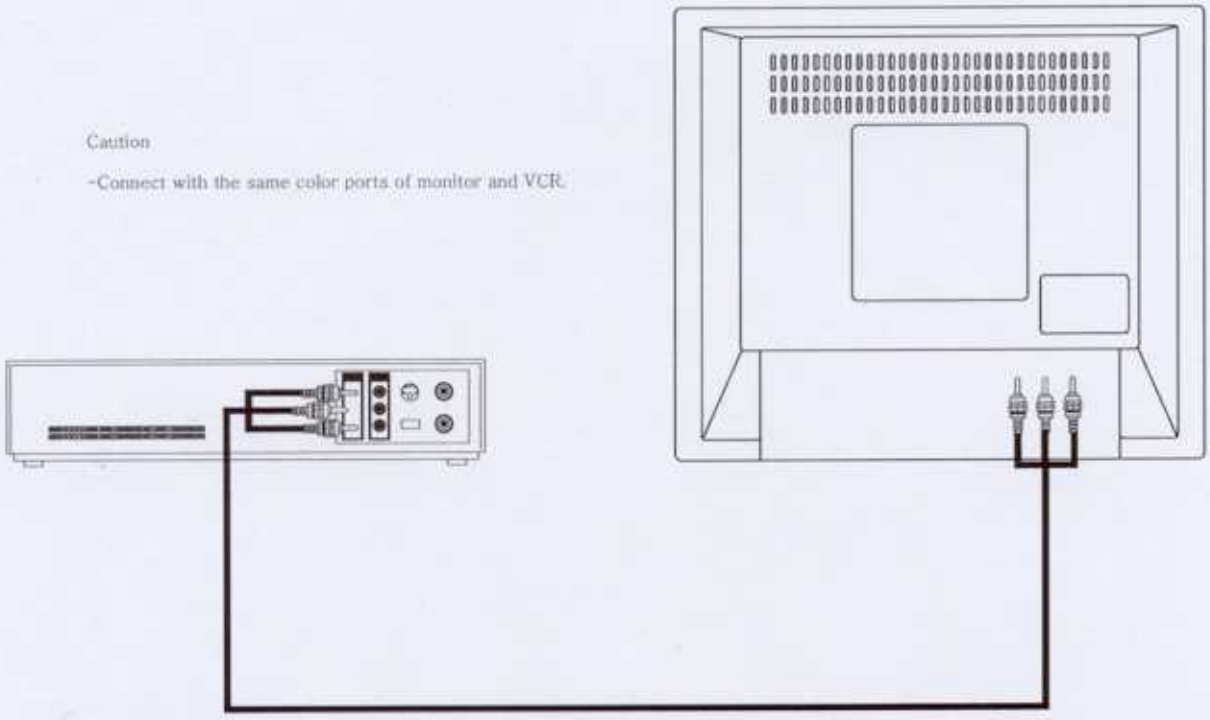
⊙ Connection with VCR ⊙

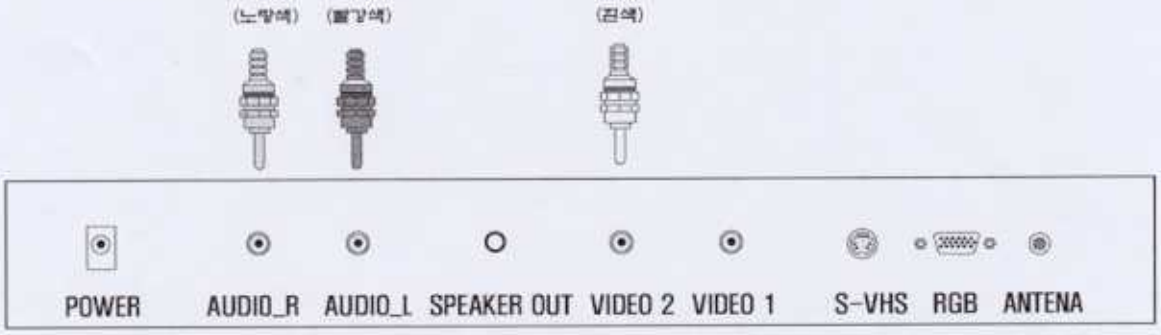
3. Connection with VCR

Connect the video and audio port(Input) of monitor with the video and audio port(Output) of VCR.

Caution

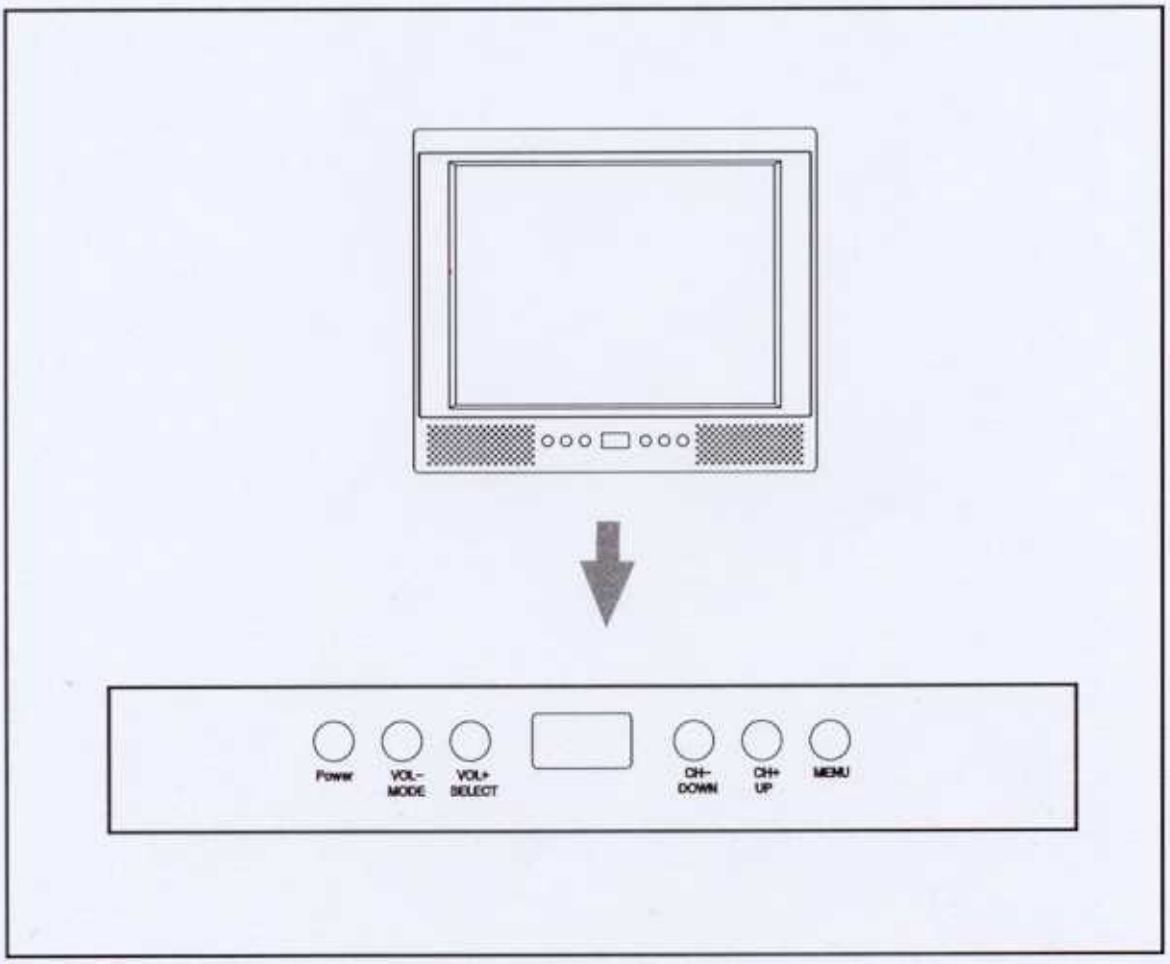
-Connect with the same color ports of monitor and VCR.





⊙ 기능버튼에 대한 설명 ⊙

The function buttons on the front of 10.4" TFT LCD Monitor are like below.
The descriptions of the functions are as follows



- Power button

Turn on and turn off the LCD Monitor.

- Decrease or select TV/AV/PC Mode.

⊙Funtion Buttons and indication Light ⊙

- VOL+ SELECT button

volume up and menu slect.

- CH- DOWN button

Increase the volume or select a funtion from OSD.
Increase the TV channel by each number or set the screen automatically.

(그림 : A)

If you press CH-DOWN button a sub screen such as (picture : A) appears on the main screen and the monitor adjust the optimal screen image automatically.

- CH+ button UP

Decrease the TV channel by each number

-MENU button

Make screen control menu appear on the screen

-indication Light

mode	LED indicator color
active	green
standby	red
suspend	amber
power off	off

⊙기능버튼 기본 작동 방법과 예제 ⊙

1, How to make 'OSD control window' appear on the monitor screen?

When you press 'MENU' button in any mode of PC/TV/VIDEO1/VIDEO2, the initial OSD control window for the mode appears on the screen.

2. How to remove 'OSD control window' on the monitor screen?

If you don't press any button after 'OSD control window' appears on the monitor screen, it disappears automatically in some time or if you press 'MENU' button or 'VOL' button, it disappears.
Also, if you press 'EXIT' button, it disappears immediately.

3. How to move in the menu of 'OSD control window'?

If you press 'CH' button when 'OSD control window' activated, you can see the sub-menu of each control group as it moves in the main menu. Move to the control group that you want and press 'MENU' button or 'VOL' button, a bar of the sub menu is displayed and it is ready to be adjusted in value.

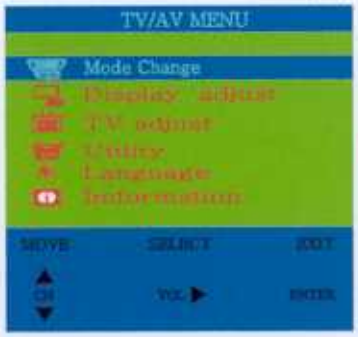
4. How to adjust the value?

As the instruction at 3, when the sub-menu is selected, you can adjust the value by pressing 'VOL' button.

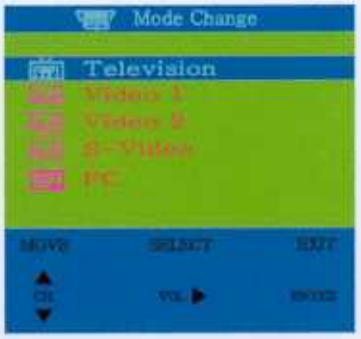
⊙ OSD control description ⊙

1. Mode control

(1-1)



(1-2)



(1-2) ①: Change to Television mode

②: Change to Video 1 mode.

③: Change to Video 2 mode

④: Change to s-Video mode

⑤: Change to pc mode

2. Screen control

(2-1)

(2-2)

(2-2)

①

: Brightness – Adjust the brightness of screen. Adjustment value is 0 – 100.

②

: Contrast – Adjust the contrast of screen.

③

: Saturation – Adjust the saturation(Chroma) of Screen.

④

: Hue – Adjust the hue to original color (face, skin color).

⑤

: Sharpness – Adjust the sharpness of a character or outline of subjects on screen

⑥

(adjusted status)

:Signal input status – Select the Type (NTSC, PAL, Secam) of TV & Video

⊙ OSD control description ⊙

3. TV adjust (adjustable only in television mode)

(3-1)

(3-2)

(3-2)

① : Add or erase channels of television

② : Search the channels of television

③ : Select Air frequency broadcasting or Cable broadcasting

4. Others

(4-1)

(4-2)

(4-2)

①

: Adjust the horizontal symmetry of screen.

②

: Adjust the vertical symmetry of screen.

③

: Adjust an automatic turn off time for your sleeping.

④

: Adjust the OSD menu activating time

⑤

: Adjust the horizontal position of screen.
Adjust the vertical position of screen.

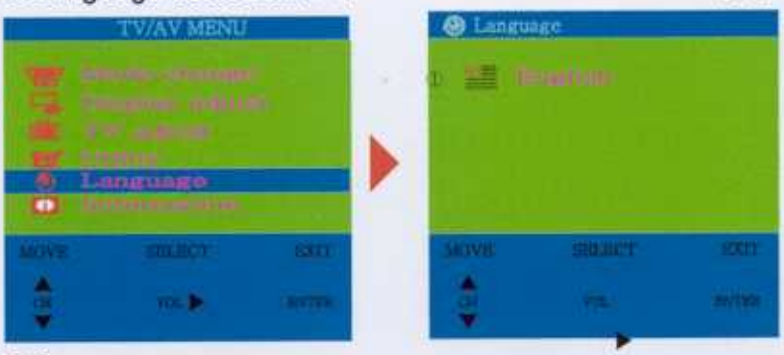
⑥

: Set all menu values to the initial values.

⊙ OSD control description ⊙

5. Language selection (5-1)

(5-2)



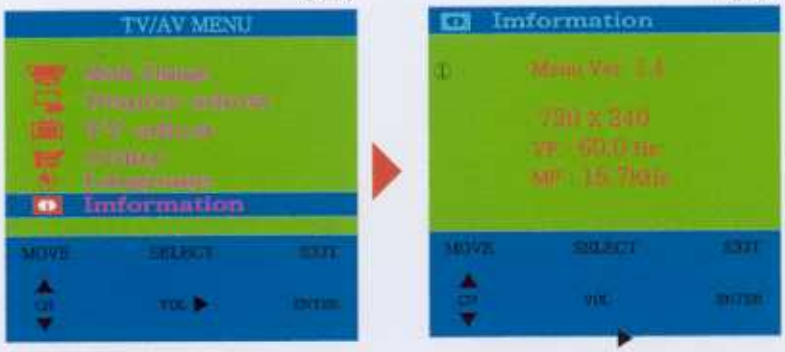
(5-2)

①

: You can set the language in English

6. Information

(6-1) (6-2)

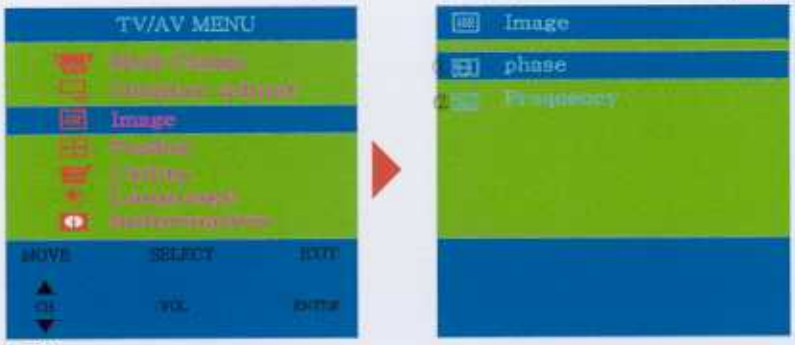


(6-2)

① You can check the Menu version, resolution, and frequency

7. PC mode (Main menu under PC mode)

(7-1) (7-2)



(7-2)

①

⊙Technical Specification ⊙

Description	CS-104
DISPLAY TYPE (LCD TYPE)	ACTIVE MATRIX LCD(TFT)
DIAGONAL SIZE	26.4cm
VIEWABLE SIZE	211.2mm x 158.4mm
VIEWING ANGLE	60°(HORIZONTAL)/55°,40°(VERTICAL)
TILT ANGLE	
WALL MOUNTING	YES
BRIGHTNESS	230 cd/㎡
RESOLUTION	800 X 600(XGA)
DISPLAY COLOR	262,144 color
PIXEL FORMAT	RGB STRIPE
PIXEL PITCH	0.264mm x 0.264mm
INTERFACE	ANALOG
VIDEO INPUT	ANALOG R.G.B.,0.7Vp-p
CONTRAST RATIO	180 : 1
AC/DC ADAPTOR	AC 100-240V,60/50Hz, DC12V/3.0A
BULT-IN SPEAKERS	WITH SPEAKER(2W X 2 MONO)
PLUG&PLAY LEVEL	VESA DDC 1/2B
I/O CONNECTOR	DC POWER IN VGA 15PIN D-SUB AUDIO_L/R IN & SPEAKER OUT ANTENNA, CATV VIDEO 1/2, S-VHS
OPTION	DVI I PORT
SYSTEM TYPE	PC COMPATIBLE
POWER REQUIREMENTS	DC 12V, 3.0A
POWER CONSUMPTION	40W, SAVING MODE : 5W
RESPONSE TIME	40ms
SCANNING FREQUENCY	31.5-80khz(HORIZONTAL),56-85Hz(VERTICAL)
VIDEO/TV :VIDEO SIGNAL	COMPOSITE,S-VHS
:T.V. SIGNAL	NTSC/PAL
WEIGHT(NET)	
DIMENSIONS	238.6mm(W)X171.0mm(L)X6.0mm

⊙ Technical Dispal ⊙

RESOLUTION	REFRESH RATE	HORIZONTAL FREQUENCY	PLXEL FREQUENCY	STANDARD TYPE
640 X 350	70Hz	31.5KHz	25.175MHz	VESA Standard
640 X 400	70Hz	31.5KHz	25.175MHz	VESA Standard
720 X 350	70Hz	31.5KHz	28.35MHz	VESA Standard
	60Hz	31.5KHz	25.175MHz	Indurstry Standard
640 X 480	72Hz	37.9KHz	31.500MHz	VESA Standard
	75Hz	37.5KHz	31.500MHz	VESA Standard
	56Hz	35.1KHz	36.600MHz	VESA Guidelines
	60Hz	37.9KHz	40.000MHz	VESA Guidelines
800 X 600	72Hz	48.1KHz	50.000MHz	VESA Standard
	75Hz	46.9KHz	49.500MHz	VESA Standard
	43Hz	35.5KHz	44.900MHz	Indurstry Standard
	60Hz	48.4KHz	65.000MHz	VESA Guidelines

⊙ The characteristic of LCD Panel ⊙

1. Same to 15"'s

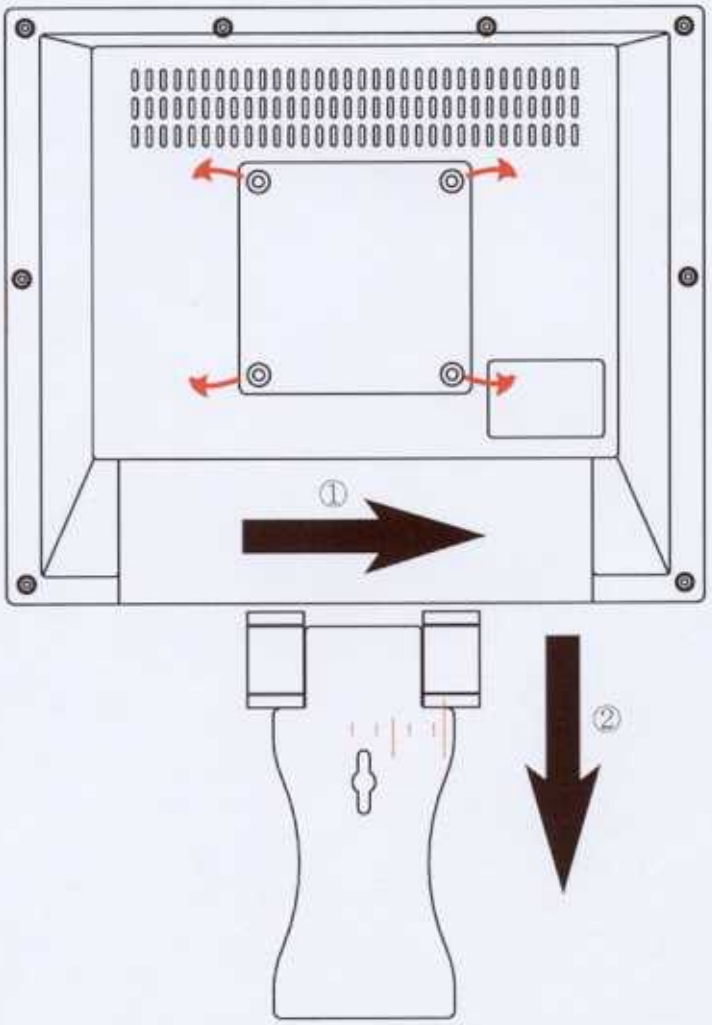
2. Afterimage or shortening of the life time of TFT LCD Panel may be occurred when an image is activated on the screen for a long time, so please use power saving mode or screen saver to prevent them.
(Back light life time of LCD : 20,000 ~ 25,000hours)

3. High voltage fluorescent ramps are used in TFT LCD Panel.
After a long time use, a part or whole part of the screen may become dark or may blink.
In such cases, please ask the dealer that you bought the product from because fluorescent ramp is consumption part and it can be replaced with new one paying some amount.

⊙How to separate the Stand of Monitor ⊙

When you use the monitor separating the stand from it, please use the VESA compatible mounting kit that has adequate capacity and is for selling.

1. Prepare soft cloth and lay the monitor face down on it.
2. Remove the 4 screws on the rear upper side of stand.
   Push the stand to the right-hand side and separate it by pulling down.



3. You can attach the wall mounting kit to the rear side of monitor.