

ATTACHMENT E.

- User's Manual (2)

Foreword

■ Caution	3
■ Important Safety Information	5

Overviewing your the Monitor

■ Viewing the Control Panel	9
■ Viewing the Connecting Panel	10
■ Viewing the Remote Control	
- Key Description	12
- PIP(Picture In Picture) Keys	13
- Loading the Batteries	15

Installation

■ Table Stand Installation	16
■ Speaker Installation	17

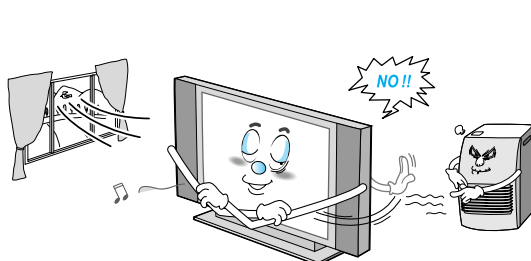
Connecting the Cable/Devices

■ Connecting the TV Cable	18
■ Connecting the VCR	19
■ Connecting the DVD	20
■ Connecting the Set Top Box	21
■ Connecting the PC (D-Sub & DVI)	22
- Displayable the Monitor Specification.....	23

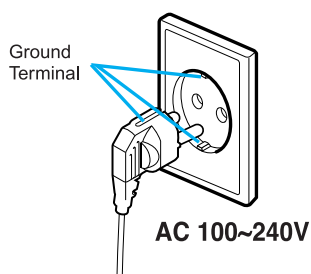
Setting the Channel

■ Basic Operation	24
■ OSD Menu Structure	25
■ Choosing the Channel Type	26
■ Storing the Channel Automatically	26
■ Fine Tuning the Channel Reception.....	27
■ Setting the Favorite Channel	28

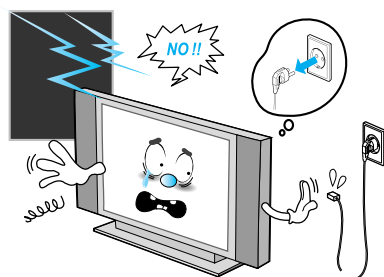
Important Safety Information



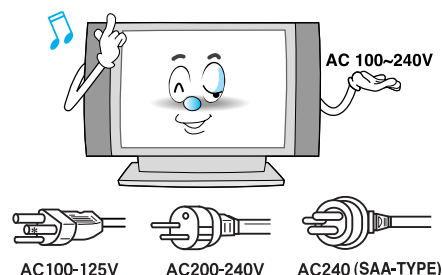
Provide ventilation for the Monitor. The unit is designed with slots in the cabinet for ventilation to protect it from overheating. Do not block these openings with any object, and do not place the Monitor on a bed, sofa, rug or other similar surface. Do not place it near a radiator or heat register. If you place the Monitor on a rack or bookcase, ensure that there is adequate ventilation and that you've followed the manufacturer's instructions for mounting.



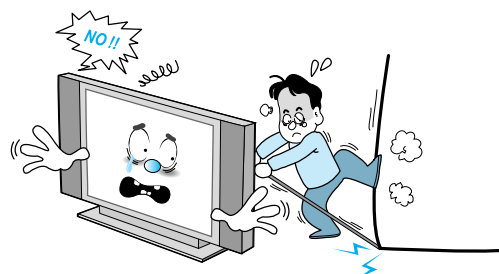
Use only a grounded or polarized outlet. For your safety, this Monitor is equipped with a polarized alternating current line plug having one blade wider than the other. This plug will fit into the power outlet only one way. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug still does not fit, contact your electrician to replace your outlet.



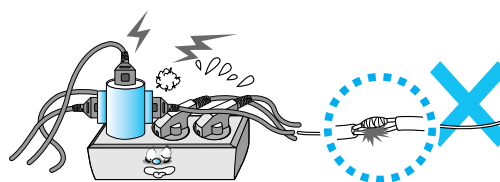
Unplug the Monitor from the wall outlet and disconnect the antenna or cable system during a lightning storm or when left unattended and unused for long periods of time. This will prevent damage to the unit due to lightning and power-line surges.



Use only the accessory cord designed for this product to prevent shock. The power supply voltage rating of this product is AC100-240V, the power cord attached conforms to the following power supply voltage. Use only the power cord designated by our dealer to ensure Safety and EMC. When it is used by other power supply voltage, power cable must be changed. Consult your product dealer.

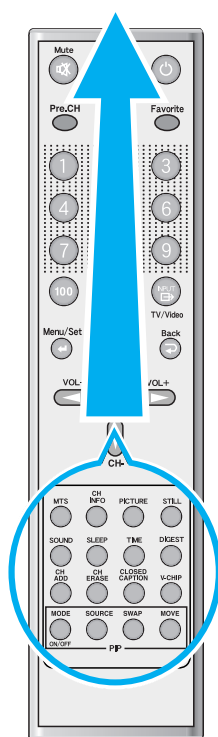
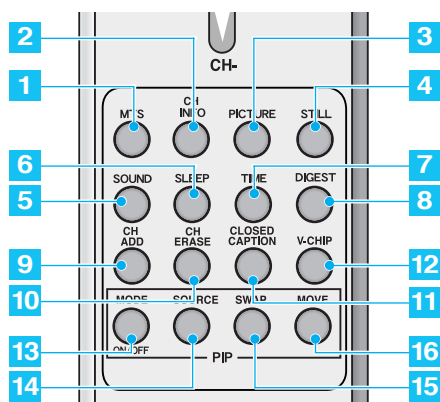


Avoid overhead power lines. An outside antenna system should not be placed in the vicinity of overhead power lines or other electric light or power circuits or where it can fall into such power lines or circuits. When installing an outside antenna system, be extremely careful to keep from touching the power lines or circuits. Contact with such lines can be fatal.



Protect the power cord. Power supply cords should be routed so that they won't be walked on or pinched by objects placed on or against them. Pay particular attention to cords at plugs, convenience receptacles, and the point where they exit from the unit.

Viewing the Remote Control

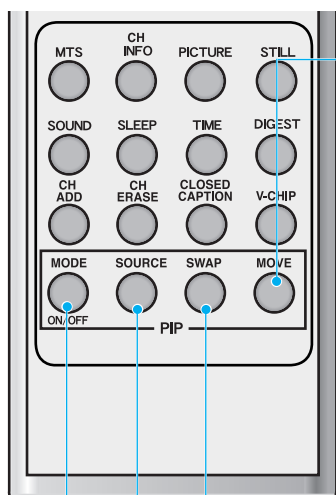


▶ PIP (Picture In Picture) Keys

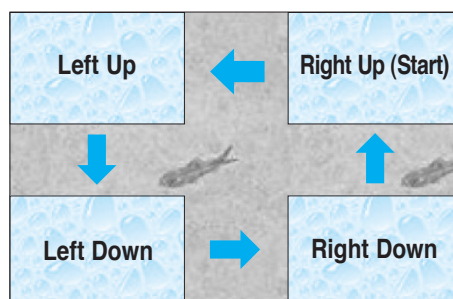
- 13 MODE (On / Off)**
Activate PIP function and change the PIP window size and PIP mode.
Small → Large → Twin (Half) → OFF
- 14 SOURCE**
Change the PIP window source.
- 15 SWAP**
Swap the main screen and the PIP window.
- 16 MOVE**
Move the position of the PIP window.

- 1 MTS**
Choose the MTS (Stereo) mode. Each time it is pressed, different mode is selected.
Mono → Stereo → SAP
• You can select only available modes depending on the source.
- 2 CH INFO**
Display the current information about time, screen form, source and MTS mode.
- 3 PICTURE**
There are 4 picture modes.
Standard → Vivid → Mild → User
- 4 STILL**
Temporarily freeze the screen and restore it.
- 5 SOUND**
Choose the sound equalizer settings.
Standard → Movie → Music → News → User
- 6 SLEEP**
Set the preset time interval for automatic turn-off.
OFF → 10 → 20 → 30 → 60 → 90 → 120 → 150 → 180
- 7 TIME**
Display the current time on the screen.
- 8 Digest**
Display 15 TV programs at the same time.
- 9 CH ADD**
Add the current channel to memory.
- 10 CH ERASE**
Erase the current channel from memory.
- 11 CLOSE CAPTION**
Set the close caption.
OFF → Close Caption1 → Close Caption2 → Text1 → Text2
- 12 V-CHIP**
Get into V-Chip menu.

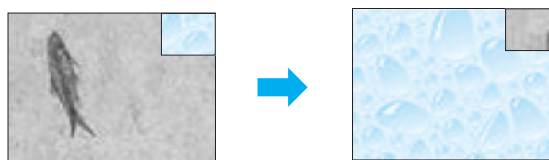
Viewing the Remote Control



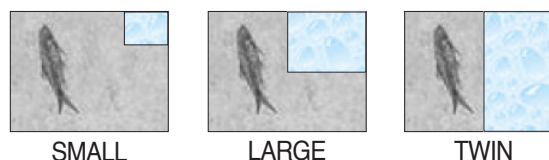
Move key : Move the position of PIP window.



Swap key : Swap the sources of the main screen and PIP window.



MODE KEY : Change the PIP window mode.
OFF → SMALL → LARGE → TWIN



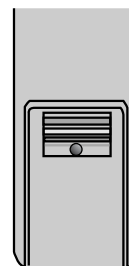
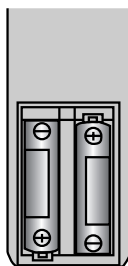
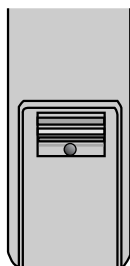
Source key : Change the source of the PIP window. The available sources are shown as below.

PIP \ Main	TV	AV 1	AV 2	S-Video/AV 3	Component1	Component2	PC	DVI
TV	✓	✓	✓	✓	✓	✓	✓	✓
AV 1	✓	-	✓	✓	✓	✓	✓	✓
AV 2	✓	✓	-	✓	✓	✓	✓	✓
S-Video/AV 3	✓	✓	✓	-	✓	✓	✓	✓
Component1	✓	✓	✓	✓	-	-	-	-
Component2	✓	✓	✓	✓	-	-	-	-
PC	✓	✓	✓	✓	-	-	-	-
DVI	✓	✓	✓	✓	-	-	-	-

Viewing the Remote Control

Loading the Batteries

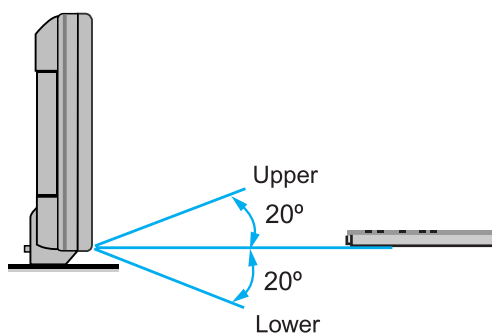
- 1 Press on the cover and slide in the direction of the arrow.
- 2 Load two AAA batteries, taking care that the + and - ends face the correct direction.
- 3 Close the cover until it clicks.



Reception Range of Remote Control



Left 30° Right
5m(Front)



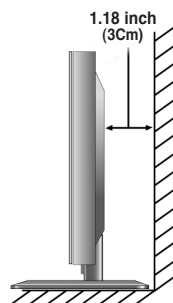
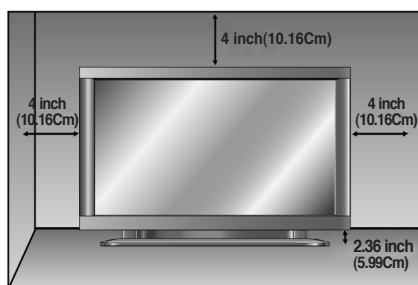
Installation

Table Stand Installation (Optional)



< The Monitor can be installed on the desk as shown above. >

- Table Stand mount minimum allowable clearances for adequate ventilation.

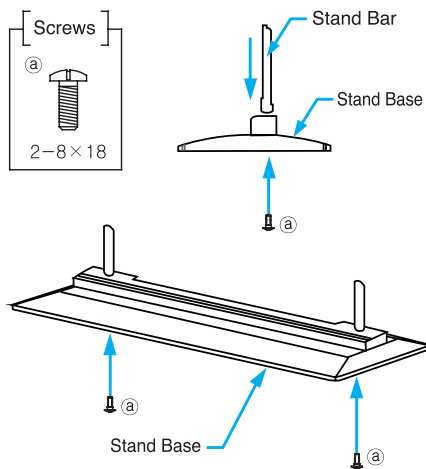


Installation

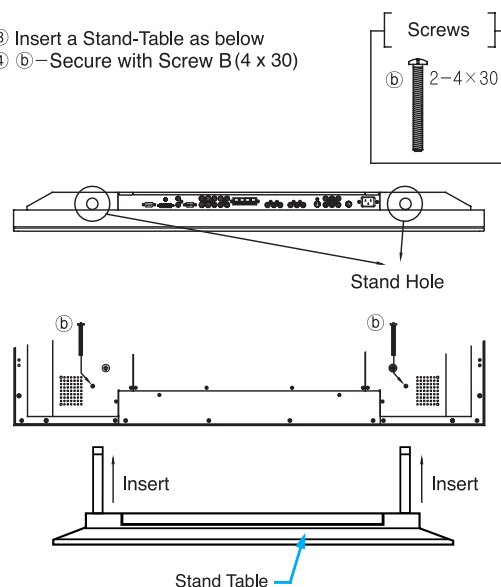
Table-Stand User's Guide

- ① Insert Stand Bars into the Stand Base as shown below

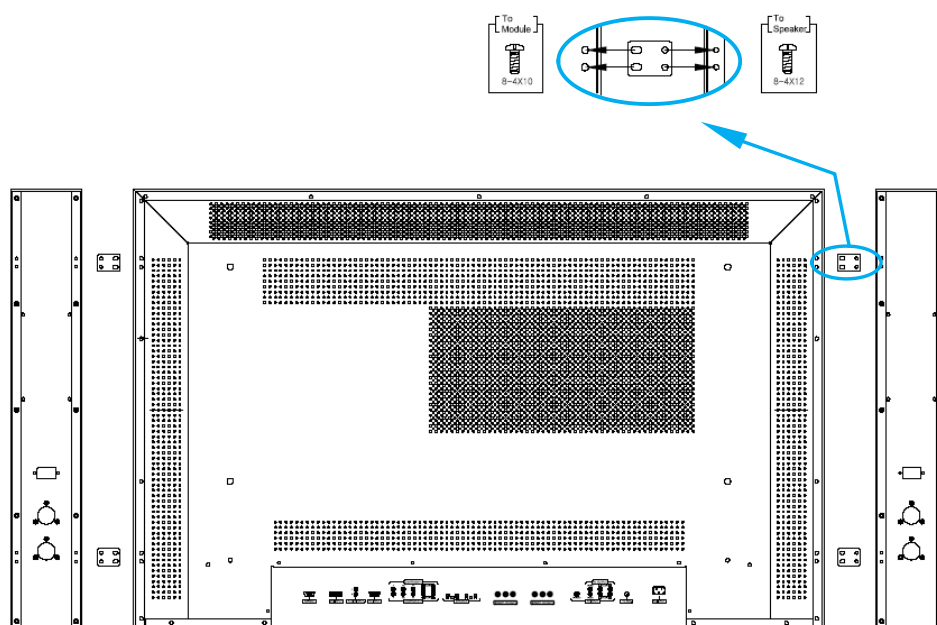
- ② (a) – Secure with Screw A (8 x 18)



- ③ Insert a Stand-Table as below
- ④ (b) – Secure with Screw B (4 x 30)



Speaker Installation (Optional)



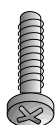
Caution

- **Be sure monitor power is turned off before making any connections.**
Place the speakers in the position you want. Install the speaker wires on the monitor and speaker. Be sure to connect the positive "+" wire to the "+" input and the negative "-" wire to the "-" input. Connect left monitor input to left speaker and right monitor input to right speaker. Any extra speaker wire length remaining can be bunched into the wire holders provided.
(Caution: Once installed, the speaker wire holders lock into position and can't be removed.)
- **Always lift the monitor itself (not the speakers) when handling or moving the monitor after speakers have been installed.**

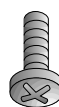
► Speaker Accessories



4-Iron Plates
(Mount speakers to monitor)



8-4 x 16 Long Bolts
(Attach iron plates to speakers)

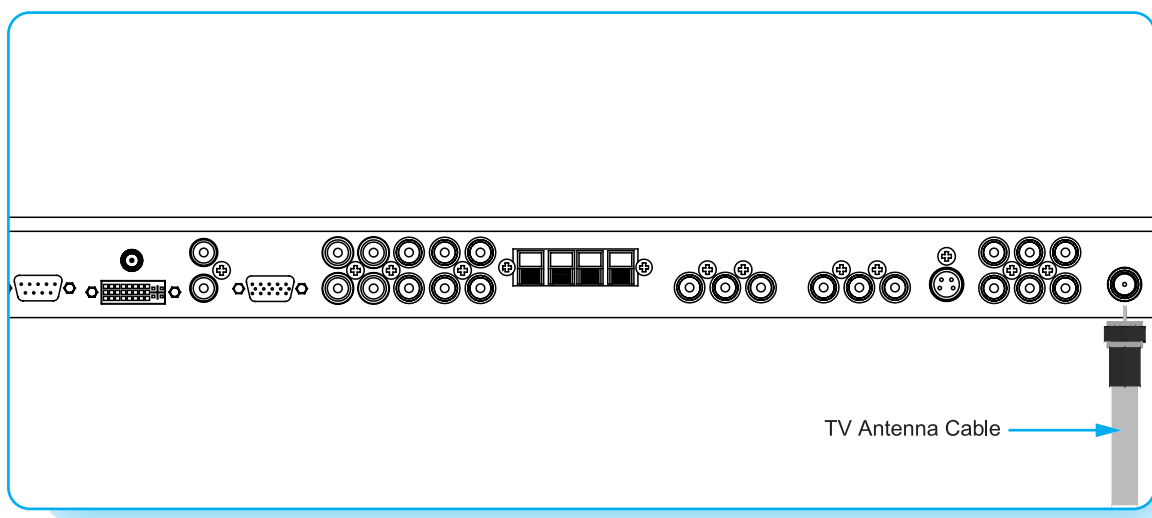


8-4 x 8 Short Bolts
(Attach iron plates to monitor)



2-Speaker Wires

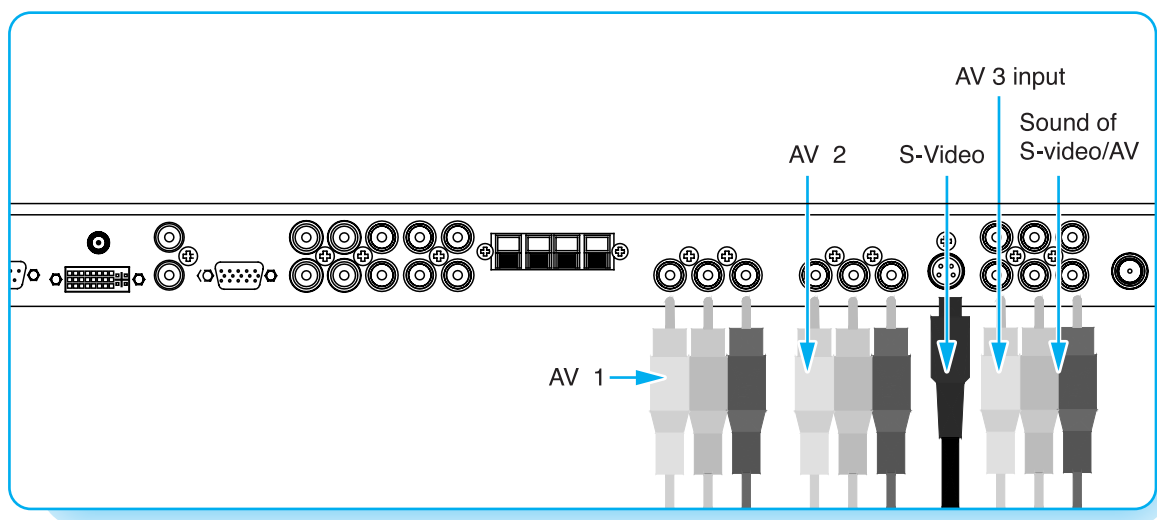
Connecting the TV Cable



Connecting the TV Cable

- 1 Connect the TV antenna cable to the TV input jack. Press INPUT button on the remote control and select TV on OSD.
- 2 Use CH+, CH- button or numeric button to change TV channel for your channel selection.
- 3 Press Pre.CH button on the remote control to tune the previous channel.
- 4 Also, you can tune to cable service provided channels using the cable box. For further information regarding cable TV service, contact cable TV service provider(s).

Connecting the VCR



Connecting the VCR

With S-Video

Connect a S-Video cable to the S-Video jacks of the VCR and the Monitor.

Connect L (White), R (Red) sound cable (composite) to the sound jacks of the VCR and the Monitor.

With AV input

Connect a composite cable to the AV video jacks of the VCR and the Monitor.

Connect L (White), R (Red) sound cable (composite) to the sound jacks of the VCR and the Monitor.

Watching VCR

- 1 Press INPUT button on the remote control and select Video Sources.
- 2 Insert a video tape into the VCR and press the PLAY button on the VCR.



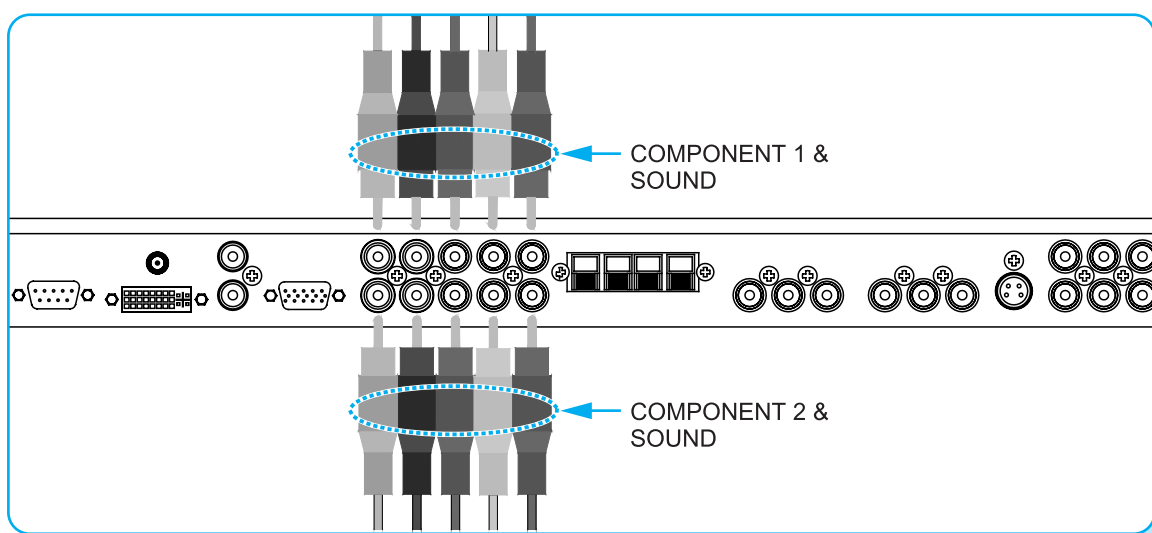
Notes

- **To avoid picture noise** (interference), leave an adequate distance(over 3m) between the VCR and monitor.
- When connecting the Monitor with external equipment, match the colour of connecting ports (e.g. Video -yellow, Audio(L) - white, Audio(R) - red).
- If you have a mono VCR, connect the audio cable from the VCR to the AUDIO(L/MONO) input of the Monitor.
- If you connect an S-VHS VCR to the S-VIDEO input socket, you can get a better picture quality than normal video input (AV).

Connecting the DVD

Connecting the DVD

- Connect the three separate component video cables to the DVD player's Y, Pb and Pr jacks and to the Component jacks on the Monitor.
- Connect the audio cable to the DVD player's audio L (White) and R (Red) jacks and to the L and R audio jacks beside the Component jacks on the Monitor.



How to use

- 1 Turn on the DVD player.
- 2 Press INPUT button on the remote control of the Monitor and select Component1 or Component2.

Component Input ports

You can get better picture quality if you connect DVD player with component input sockets as below.



Notice

- Normal DVD source is based on 480i, which should be through normal YPbPr of Component signal.
- Component, PC, DVI ports can be displayed only 1 signal among them. If one of them is being displayed, other ports are unavailable.

Supported Signals for Component ports

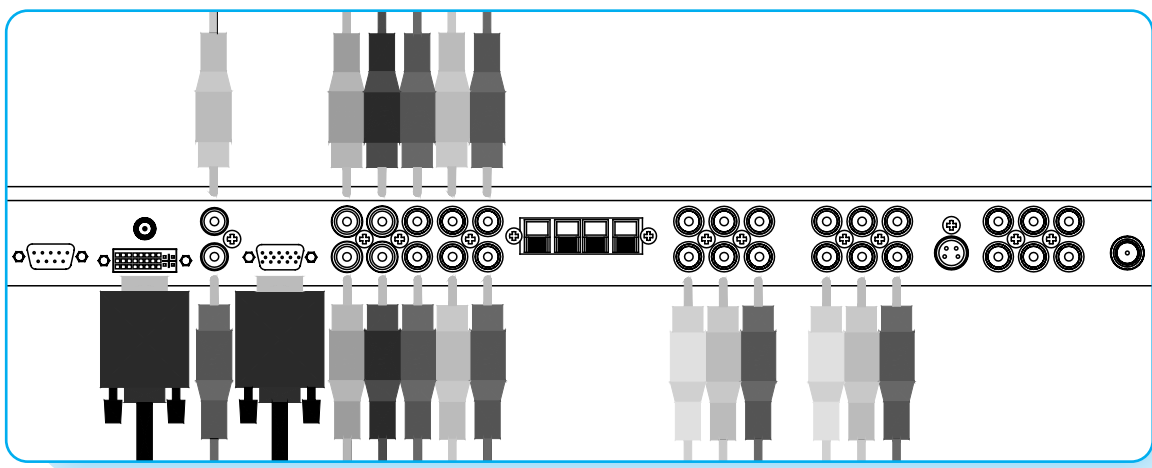
	Component1	Component2
480i / 60Hz	✓	✓
480p / 60Hz	✓	✓
576i / 50Hz	✓	✓
576p / 50Hz	✓	✓
720p / 50Hz	✓	✓
720p / 60Hz	✓	✓
1080i / 50Hz	✓	✓
1080i / 60Hz	✓	✓

Component ports of the Monitor	Y	P _B	P _R
Video output ports of DVD player	Y Y Y Y	Pb B-Y Db P _B	Pr R-Y Cr P _R

Connecting the Set Top Box

How to connect

Connect Set Top Box video inputs to AV, COMPONENT, PC or DVI jacks on the Monitor.
Audio inputs to Audio sockets beside the L (White) and R (Red) audio jacks which you connect video inputs.



How to use

- 1 Turn on the Set Top Box.
- 2 Press INPUT button on the remote control of the Monitor and select Component1, Component2, PC or DVI.

Supported Signals

	Component1	Component2	PC	DVI
480i/60Hz	✓	✓	—	—
480p/60Hz	✓	✓	✓	✓
576i/50Hz	✓	✓	—	—
576p/50Hz	✓	✓	✓	✓
720p/50Hz	✓	✓	✓	✓
720p/60Hz	✓	✓	✓	✓
1080i/50Hz	✓	✓	✓	✓
1080i/60Hz	✓	✓	✓	✓

How to connect

With Component

Connect a three separate component cables to the component jacks of the STB and the Monitor.
Connect L (White) and R (Red) sound cables (composite) to the sound jacks of the STB and the Monitor.

With RGB(D-Sub) or DVI

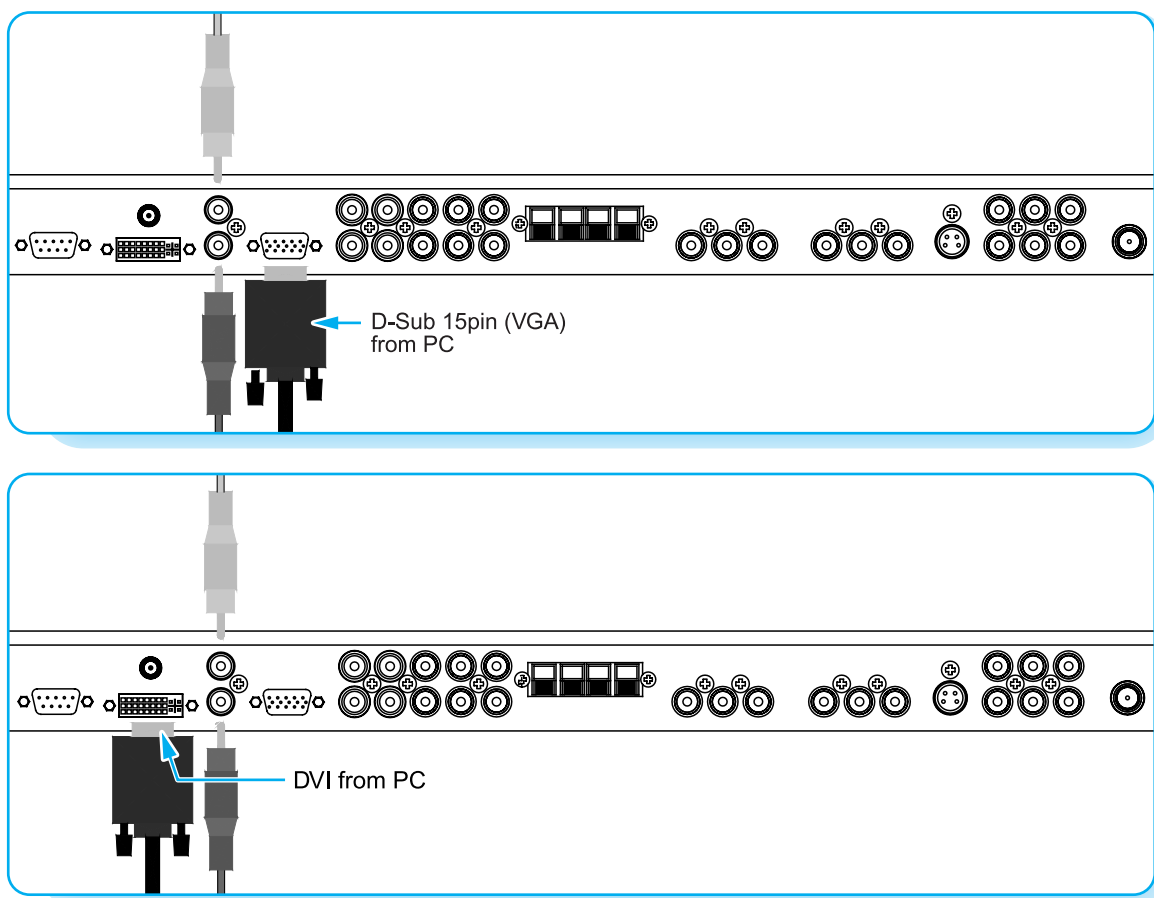
Connect a D-Sub or DVI cable to the AV video jacks of the STB and the Monitor.
Connect L (White) and R (Red) sound cables (composite) to the sound jacks of the STB and the Monitor.



Notice

- Component, PC and DVI ports can be displayed only 1 signal among them. If one of them is being displayed, other sockets are unavailable.

Connecting the PC (D-Sub & DVI)



▶ Connecting a PC to the Monitor

- There are two connectors to connect the Monitor and PC: D-Sub and DVI.

• D-Sub

Connect a PC (15pin) video cable between the Video Output port on the PC and the PC port on the Monitor.

• DVI

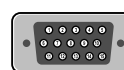
Connect a DVI-D cable between the DVI Output port on the PC and the DVI port on the Monitor.

▶ Pin Configuration

15Pin Signal Cable (based on protruded pin)

▶ To watch the PC screen

- 1 Turn on the Monitor and press INPUT button to select the PC MODE.
- 2 Turn on the PC and check for the PC requirements.
- 3 Adjust the PC screen in Geometry menu.



Pin No.	Description
1	Red (R)
2	Green (G)
3	Blue (B)
4	Grounding
5	Grounding (DDC)
6	Red (R) Grounding
7	Green (G) Grounding
8	Blue (B) Grounding
9	Reserved
10	Sync Grounding
11	Grounding
12	Data (DDC)
13	Horizontal sync.
14	Vertical sync.
15	Clock (DDC)

Displayable Monitor Specification

Resolution	Horizontal Frequency (KHz)	Vertical Frequency (Hz)
640 x 350	31.468	70.09
	37.861	85.08
640 x 400	31.469	70.08
	37.927	85.03
640 x 480	31.469	59.94
	35.000	66.66
	37.861	72.80
	37.500	75.00
	43.269	85.00
	45.913	90.03
	53.011	100.04
	64.062	120.000
800 x 600	35.156	56.25
	37.879	60.31
	48.077	72.18
	46.875	75.00
	53.674	85.06
	56.000	90.00
	64.016	100.00
832 x 624	49.725	74.55
852 x 480	31.468	60.05
1024 x 768	48.363	60.00
	56.476	70.06
	60.023	75.02
1280 x 768	47.700	60.00
1280 x 1024	64.000	60.00

• The PC signal is supported by DVI also.



Notes

- **Synchronization input form : separate**
- The Monitor recognizes 640x480@60Hz signal as 480p DTV signal. So the signal is expanded, please try other signals like 640x480@75Hz.
- The Monitor operates abnormally if a non-standard video format is selected.
- 1280 X 768 : 40" Native Resolution Horizontal Polarity is Positive(+) Vertical Polarity is Negative(-)
- Depending on the manufacturer, your PC screen might appear differently (and depending on your particular version of Windows). Check your PC instruction book for information about connecting your PC to a the Monitor.
- The Monitor may operate abnormally if a non-standard video signal.
- "Out of range" message box will appear when an over-spec video signal is input. Change the video settings of PC when the message is displayed.

Basic Operation

Turning the Monitor On/Off

Press the Power button on the remote control. The Monitor will turn on and you will be ready to use its features. You can also use the Power button on the front panel.

Select Source

Press INPUT button on the remote control. Then you can see the source list menu shown as below.

Source Change	
1	TV
2	AV 1
3	AV 2
4	S-VIDEO /AV 3
5	COMPONENT 1
6	COMPONENT 2
7	PC
8	DVI

Source list menu

Select the source to watch with CH+/CH- button on the remote control and press the Menu/Set button.

TV Channel Selection

- 1 Connect the signal source (TV antenna) to TV input. Press INPUT button on the remote control and select TV on the source list.
- 2 Use CH+, CH- button or numeric button to change TV channel you want.
- 3 Press Pre.CH button on the remote control to watch the previous channel.
- 4 Also, you can tune the cable service, provided channels while using the cable box.
For further information regarding cable TV service, contact your TV service provider(s).

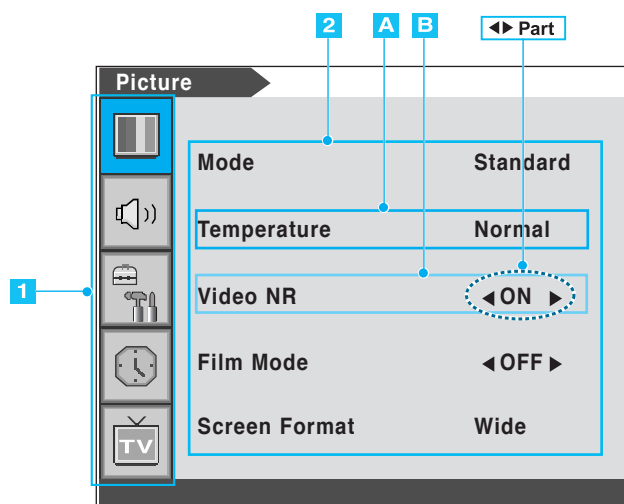
Volume Control

Use VOL+/VOL- button on the remote control to adjust the volume level.
Press MUTE button on the remote control when you need to cut the sound temporarily.

OSD Menu Structure

- OSD (On Screen Display) allows users to control or adjust various features and settings in accordance with his/her preferences.
- Press the Menu/Set button on the remote control to see the main OSD menu.

▶ EXAMPLE of OSD Menu



1 Main Menu

Press Menu/Set button on the remote control to enter the main OSD menu.
First, select Main menu item you need with CH+/CH- key.
To select a main menu items, just press VOL+ or Menu/Set button on the Remote Control.

2 Sub Menu

Each menu item has its own sub menu items to set.

3 Sub Menu items

- A : If there is no ◀▶ part, the item has an sub menu.
You can enter the sub menu and adjust an item you need.
Select sub-menu item with CH+/CH- button on the remote control and press VOL+ or Menu/Set button to enter the submenu.
- B : If there is a ◀▶ part, you can set the item by selecting ◀▶. Ex) ◀ ON ▶ or ◀ OFF ▶
Press VOL+ or Menu/Set button to set a ◀▶ part, and adjust it with CH+/CH- key.

Setting the Channel

Channel Type

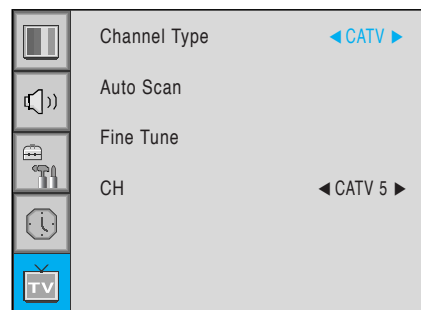
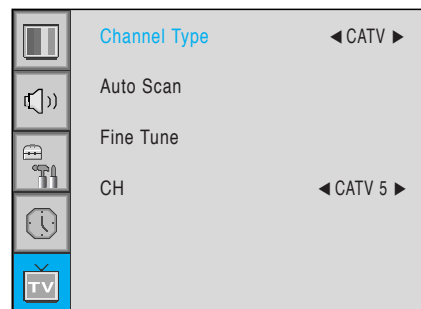
Before your television can begin memorizing the available channels, you must specify the type of signal source that is connected to the TV (i.e., an antenna, a standard cable system, an HRC, or an IRC).

- 1 Press Menu/set button to display the main OSD menu.
- 2 Select the TV main menu item.
- 3 Press Menu/Set to enter the sub menu.
- 4 Select **Channel Type** and press VOL+ button to enter the ◀▶ parts. Then the cursor moves into the ◀▶ parts.
- 5 Select the channel type with CH+/CH- button and press BACK button. You can select AIR, CATV (Cable TV), IRC or HRC.



Notes

- You can enter the TV menu in TV mode only. (When you watch a TV channel.)



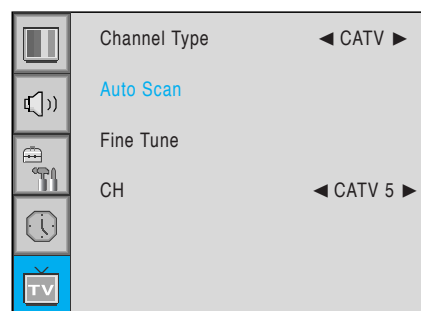
Auto Scan

- 1 Press Menu/set button to display the main OSD menu.
- 2 Select the TV Main menu.
- 3 Press Menu/Set to enter the sub menu.
- 4 Select **Auto Scan** with CH+/CH- button and press Menu/Set button on the remote control. Then the tuning bar will appear and scanning will start.



Notes

- Only scanned channels can be stored as Favorite channels.

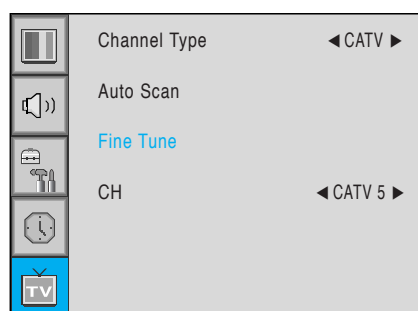


Setting the Channel

Fine Tune

The Fine Tuning function lets you manually adjust the Monitor's tuner if you have difficulty tuning analog Channels. Press Menu/set button to display the main OSD menu.

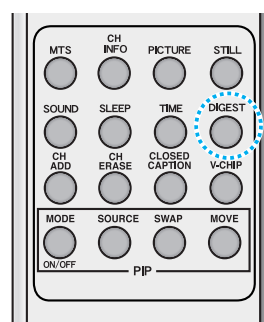
- 1 Press Menu/set button to display the main OSD menu.
- 2 Select the TV main menu item.
- 3 Press Menu/Set to enter the Fine tune sub menu.
- 4 Select **Fine tune** with CH+/CH- button and press Menu/Set button. Then you can see the adjust bar.
- 5 Adjust the fine tune with VOL+ or VOL- button.



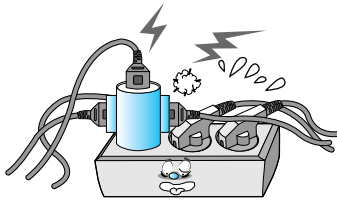
Digest

In the Digest function, you can watch 15 programs at the same time. (This function works only in TV mode)

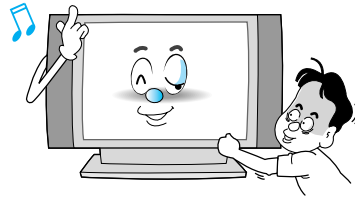
- 1 Press the Digest button on the Remote Control.
- 2 By pressing the channel number, the selected channel becomes main window.
- 3 You can make off the Digest Function by pressing Digest button again.



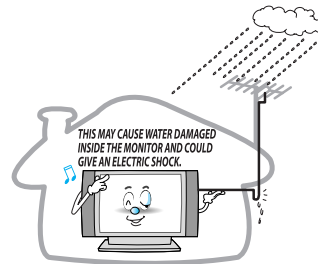
Important Safety Information



Do not overload the wall outlet or extension cords. Overloading can result in fire or electric shock.



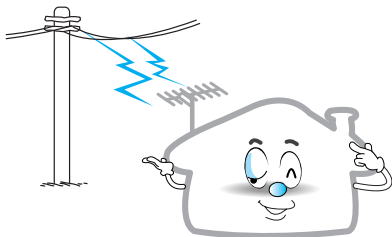
Do not insert anything through the openings in the unit, where they can touch dangerous voltage points or damage parts. Never spill liquid of any kind on the Monitor.



Bend antenna cable between inside and outside building to prevent rain from flowing in.

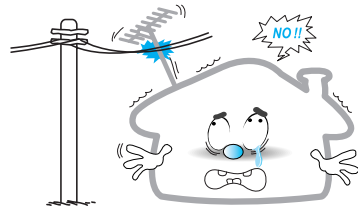
- This may cause water damaged inside the Monitor and could give an electric shock.

Ground outdoor antennas. If an outside antenna or cable system is connected to the Monitor, be sure the antenna or cable system is grounded so as to provide some protection against voltage surges and built-up static charges. Section 810 of the National Electrical Code, ANSI/NFPA No.70-1984, provides information about proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of antenna discharge unit, connection to grounding electrodes, and requirements for the grounding electrode.



Do not place an outside antenna in the vicinity of overhead power lines or other electric light or power circuits.

- This may cause an electric shock.



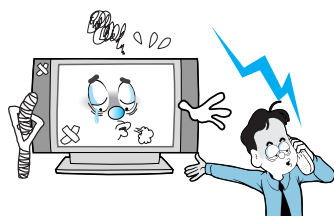
There should be enough distance between an outside antenna and power lines to keep the former from touching the latter even when the antenna falls.

- This may cause an electric shock.

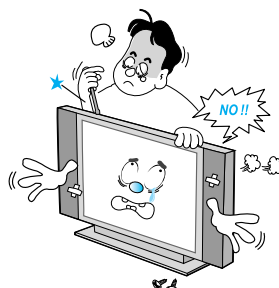
Do not attempt to service the Monitor yourself. Refer all servicing to qualified service personnel. Unplug the unit from the wall outlet and refer servicing to qualified service personnel under the following conditions:

- when the power-supply cord or plug is damaged
- if liquid has been spilled on the unit or if objects have fallen into the unit
- if the Monitor has been exposed to rain or water
- if the Monitor does not operate normally by following the operating instructions
- if the Monitor has been dropped or the cabinet has been damaged
- when the Monitor exhibits a distinct change in performance

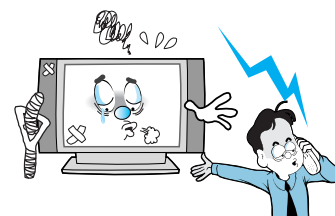
Important Safety Information



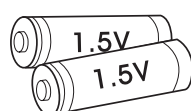
When replacement parts are required, be sure the service technician uses replacement parts specified by the manufacturer or those that have the same characteristics as the original part. Unauthorized substitutions may result in additional damage to the unit.



Upon completion of any service or repairs to this the Monitor, ask the service technician to perform safety checks to determine that the Monitor is in a safe operating condition.

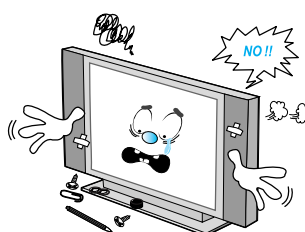


If you make adjustments yourself, adjust only those controls that are covered by the operating instructions. Adjusting other controls may result in damage and will often require extensive work by a qualified technician to restore the Monitor to normal.



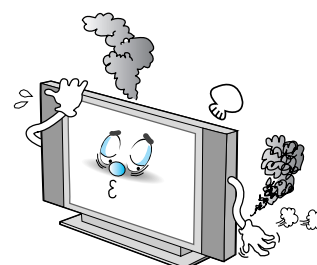
Only use the specified batteries.

- This may cause damage to the Monitor or could give an electric shock.



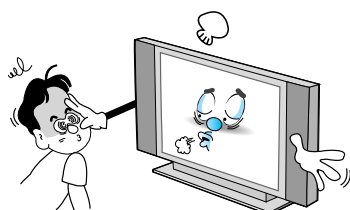
Do not place anything containing liquid on top of the Monitor.

- This may cause a fire or could give an electric shock.



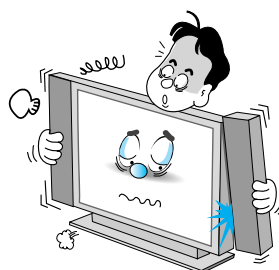
In case of smoke or strange smell from the Monitor, switch it off, unplug it from the wall outlet and contact your dealer or service center.

- This may cause a fire or could give an electric shock.



The viewing distance should be about 5~7 times as long as diagonal length of the screen.

- If not, eyes will strain.



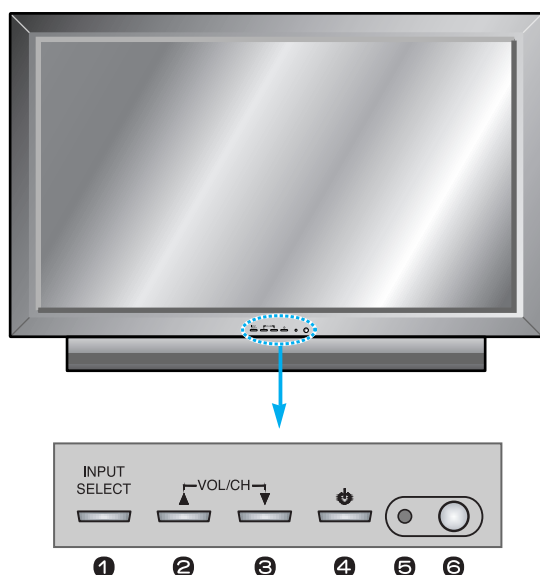
When moving the Monitor assembled with speakers do not carry holding the speakers.

- This may cause the Monitor to fall, causing serious injury to a child or adult, and serious damage to the Monitor.

Viewing the Control Panel

OSD Key Position

Front Panel



OSD key & Function

- ❶ Input Source Select
- ❷ UP
- ❸ DOWN (See the box below.)
- ❹ Power (Stand By)
- ❺ Remote Sensor
- ❻ Status / Power Indicator LED

OSD Key Function

INPUT SELECT

Select the signal source from multiple input sources such as TV, AV 1, AV 2, S-Video / AV, Component1, Component2, PC and DVI.

VOL/CH▲/▼

To change the CHANNEL, Press ▲ button first and change the CHANNEL with ▲, ▼ buttons.
To change the VOLUME, Press ▼ button first and change the VOLUME with ▲, ▼ buttons.

Power On /Off

Turn the Monitor on and off.

Accessories



Remote Control Handset



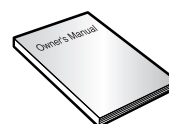
Power Cord



RF Cable



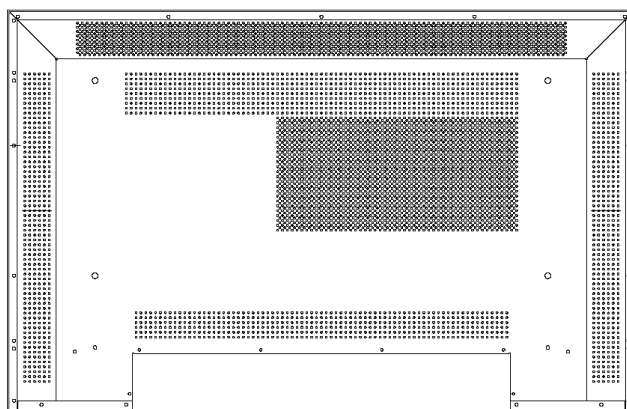
Alkaline Batteries



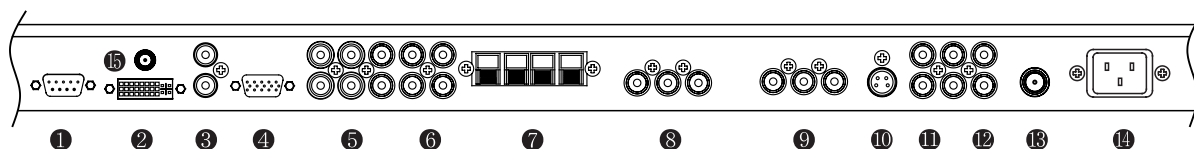
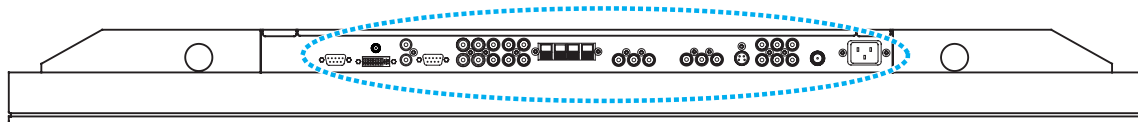
Owner's Manual

Viewing the Connecting Panel

Back Panel and Jacks



< Back panel of the monitor >



①	RS-232C	To control from PC.
②	DVI	For PC, Set top box.
③	PC Sound	PC/DVI Audio Input.
④	D-Sub (PC)	For PC, Set top box.
⑤	Component 1, 2	For DVD, Set top box.
⑥	Component Sound	For Component Audio Input.
⑦	Speakers	To connect speakers (2CH, Stereo)
⑧	AV 1	For VCR, DVD, Set top box.
⑨	AV 2	For VCR, DVD, Set top box.
⑩	S-Video	For DVD, Set top box, S-VHS.
⑪	AV Output	To connect other TV or monitor.
⑫	AV 3	For VCR, DVD, Set top box.
⑬	TV Antenna	For TV antenna cable. (Air)
⑭	AC Power	
⑮	DC 5V Output	

Viewing the Connecting Panel

❶ RS-232C Jack

Connects a control signal from a PC.

❷ DVI Input Jack

Connects a digital video signal from a DVI output jack of PC or Set Top box.

❸ PC Sound

Connects a sound signal from PC or DVI.

❹ RGB PC Input Jack (D-Sub)

Connects a video signal from a video output jack of PC.

Cables connecting the PC vary according to the type of machine, so contact your product dealer.

❺ Component Input Jack 1, 2

Connects a three separate component video signal from a component output jack of a DVD player or Set Top box.

Supports 480i/60Hz, 480p/60Hz, 576i/50Hz, 576p/50Hz, 720p/60Hz, 720p/50Hz, 1080i/50Hz, 1080i/60Hz signals. (i: interlace, p: progressive)

❻ Component Sound

Connects a sound signal from component.

❼ Speaker Jack

Connects external speakers by wires. Match red/red and black/black of speaker/TV.

❽ ❹ Composite (RCA) input Jack 1, 2

Connects an AV composite video signal from a composite output terminal of a VCR or DVD player.

❿ S-Video Input Jack

Connects a S-Video video signals from a S-Video output jack of a S-VHS, VCR or DVD player.

⓫ (Upper). Composite (RCA) output Jack

Output the signal of the current screen of the Monitor. Connects to other TV or monitor.

⓬ (Lower). Composite (RCA) input Jack 3

Connects an AV composite video signal from a composite output terminal of a VCR or DVD player. Unavailable when a S-Video cable is put into the S-Video input jack.

⓭ ANT. IN (TV Antenna Jack)

Connects to an TV antenna cable.

⓮ AC(POWER) Input Terminal

Firmly insert the accessory power cord as far as it will go into the power input terminal.

Firmly push the power cord plug as far as it will go into the power socket.

Connectors	
AUDIO INPUT	RCA Pin Jack
COMPOSITE VIDEO INPUT	RCA Pin Jack
COMPOSITE VIDEO OUTPUT	RCA Pin Jack
S-VIDEO INPUT	Mini Din 4 Pin
COMPONENT VIDEO INPUT	RCA Pin Jack
ANALOG RGB INPUT	Mini D-Sub 15pin
DIGITAL VIDEO INPUT	DVI-D 24 pin

- Cables connecting the PC vary according to the type of machine, so consult your product dealer.

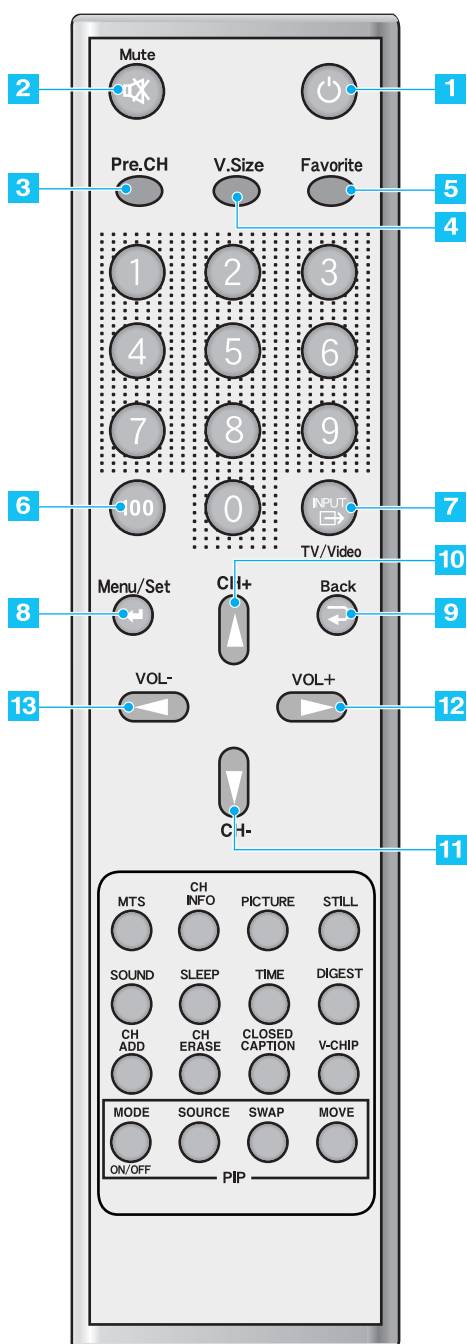
RS-232C Configurations

3-Wire (Non-standard)

	PC	The Monitor	
RXD	2	3	TXD
TXD	3	2	RXD
GND	5	5	GND
DTR	4	4	DTR
DSR	6	6	DSR
RTS	7	7	RTS
CTS	8	8	CTS

Viewing the Remote Control

► Key Description



- 1 Power**
Turn the Monitor on and off.
- 2 Mute**
Temporarily cut the sound and restore it.
- 3 Pre.CH**
Turn to the previous channel or exit OSD.
- 4 V.Size**
Choose the Screen Form.
Wide → Panorama → Zoom1 → Zoom2 → 4:3
- 5 FAVORITE (FAVOURITE)**
Tune to your next favorite channel.
- 6 100**
Press to tune the channels over 100.
- 7 INPUT**
Display the input source list.
- 8 Menu / Set**
Display the main OSD menu.
Activate your choice in the OSD menu.
- 9 Back**
Return to the previous OSD menu.
- 10 CH+**
Move to the upper channel.
- 11 CH-**
Move to the lower channel.
- 12 VOL+**
Increase the volume level.
- 13 VOL-**
Decrease the volume level.

Contents

Setting the Picture

■ Changing the Picture Mode	29
■ Adjusting the User Mode.....	30
■ Changing the Color Temperature	32
■ Video NR (Noise Reduction)	33
■ Changing the Screen Format	33
■ Adjusting the PC Screen (Geometry)	35

Setting the Sound

■ Adjusting the Sound Balance	37
■ Changing the Sound Mode	37
■ Adjusting the User Sound Mode	38
■ Spatial Effect	38
■ AVC (Auto Volume Control).....	39
■ MTS (Multichannel Television Sound)	39

Setting the Others

■ Adjusting the Transparency of the OSD Window	40
■ PIP (Picture In Picture)	40
- Changing the Size in PIP.....	40
- Choosing the Source in PIP	41
- Picture Swap in PIP	41
- Changing the Position in PIP	42
■ Other Advanced Function	42
- Set ID	43
- Setting the Blue Screen Mode	43
- Changing the OSD Language	43
- Front Key Lock in Advance	43
■ V-chip (TV Parental Guidelines)	44

Setting the Time

■ Setting the Current Time	47
■ Setting the On Time	47
■ Setting the Off Time	49
■ Setting the Sleep Timer	49

<u>Specification</u>	50
-----------------------------------	----

<u>Troubleshooting</u>	51
-------------------------------------	----

<u>Warranty Card</u>	52
-----------------------------------	----

Caution



CAUTION
 RISK OF ELECTRIC SHOCK
 DO NOT OPEN



CAUTION : TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK), NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

 This symbol is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

 This symbol is intended to alert the user to the presence of important operating and maintenance(servicing) instructions in the literature accompanying the appliance.

CAUTION

- TO PREVENT DAMAGE WHICH MAY RESULT IN FIRE OR SHOCK HAZARD.
- DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.
- SHOCK HAZARD DO NOT OPEN.

CAUTION

These servicing instructions are for use by qualified service personnel only. To reduce the risk of electric shock, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so.

CAUTION

The stand is intended for use with this monitor only. Use with other products may result in injury.

WARNING

- Apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus.
- This is Class B product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.
- To reduce the risk of fire and electric shock, do not expose this product to rain or moisture.

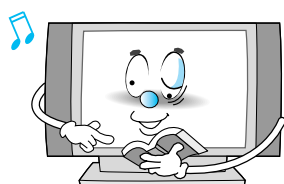
FCC NOTICE

This device has been tested and found to comply with the limits for a Class B device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in home environment as well as in a commercial, industrial or business environment. This equipment can generate, use and radiate radio frequency energy and, if not installed and used in accordance with the instruction, 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 :

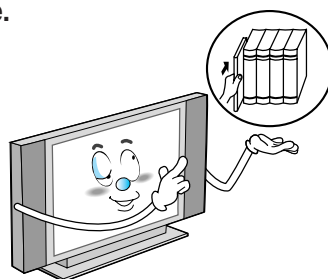
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modification not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
Connecting of peripherals requires the use of grounded shielded signal cables.

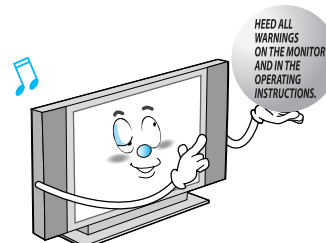
► **Always be careful when using your the Monitor. To reduce the risk of fire, electrical shock, and other injuries, keep these safety precautions in mind when installing, using, and maintaining your machine.**



Read all safety and operating instructions before operating your the Monitor.



Keep the safety and operating instructions for future reference.



Heed all warnings on the Monitor and in the operating instructions.

Caution

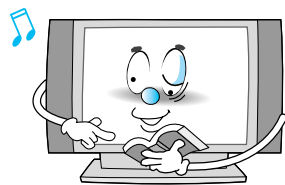
Always be careful when using your the Monitor. To reduce the risk of fire, electrical shock, and other injuries, keep these safety precautions in mind when installing, using, and maintaining your machine.

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with a damp cloth.
7. Do not block any of the ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. When the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use the attachments/accessories specified by the manufacturer.
12. Use only with a cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.

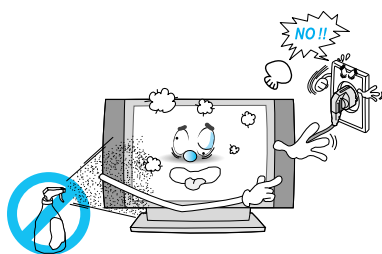


13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

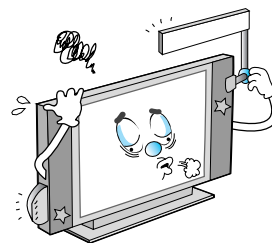
Important Safety Information



Follow all operating and use instructions.



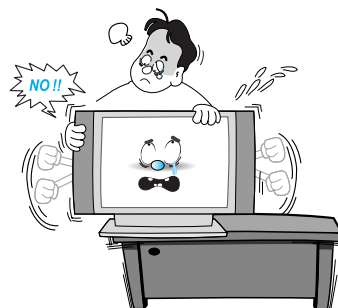
Unplug the Monitor from the wall outlet before cleaning. Use a damp cloth; do not use liquid or aerosol cleaners.



Never add any attachments and/or equipment without approval of the manufacturer. Such additions can increase the risk of fire, electric shock, or other personal injury.



Do not use the Monitor where contact with or immersion in water is a possibility, such as near bath tubs, sinks, washing machines, swimming pools, etc.



When installing the Monitor on a table, be careful not to place it too close to the edge of the table.

- This may cause the Monitor to fall, causing serious injury to a child or adult, and serious damage to the Monitor.