

## **ATTACHMENT E-1.**

### **- USER'S MANUAL(1)**

## **U.S.A.**

### **U.S.FEDERAL COMMUNICATIONS COMMISSION RADIO FREQUENCY INTERFERENCE STATEMENT INFORMATION TO THE USER**

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 of a circuit different from that  
to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for assistance.


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.

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# Important Safety Information

**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 intended for use only with This PDP TV. Use with other apparatus is capable of resulting in Instability causing possible 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.

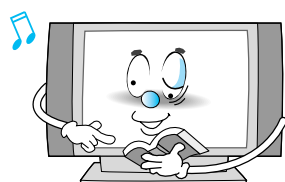
However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one 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.

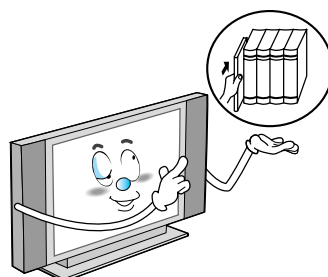
Changes or modification not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Connecting of peripherals requires the use of grounded shielded signal cables.

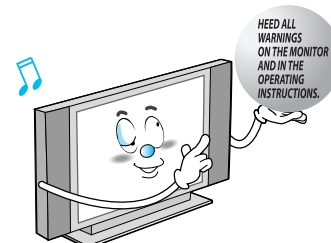
- **Always be careful when using your Monitor. To reduce the risk of fire, electrical shock, and other injuries, keep these safety precautions in mind when installing, using, and maintaining your machine.**



Read all safety and operating instructions before operating your Monitor.



Keep the safety and operating instructions for future reference.



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

# Important Safety Information

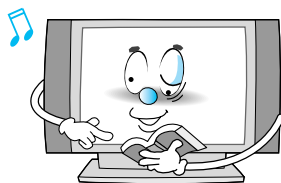
Always be careful when using your PDP. To reduce the risk of fire, electrical shock, and other injuries, keep these safety precautions in mind when installing, using, and maintaining your machine.

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 dry 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.

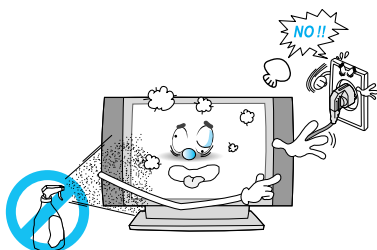


13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power supply cord or plug is damaged, liquid has been spilled or objects have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

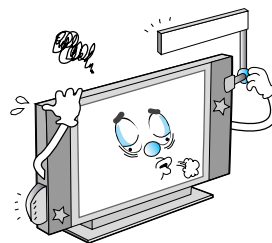
# Important Safety Information



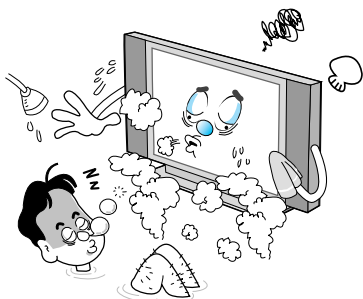
Follow all operating and use instructions.



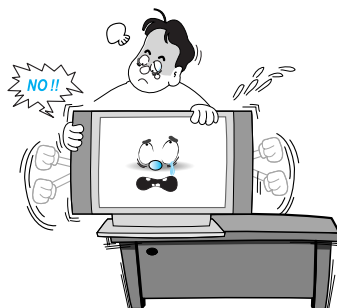
Unplug the Monitor from the wall outlet before cleaning. Use a damp cloth; do not use liquid or aerosol cleaners.



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.



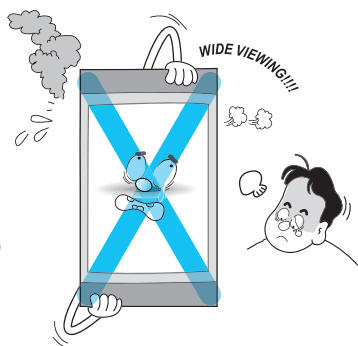
Do not use the Monitor where contact with or immersion in water is a possibility, such as near bath tubs, sinks, washing machines, swimming pools, etc.



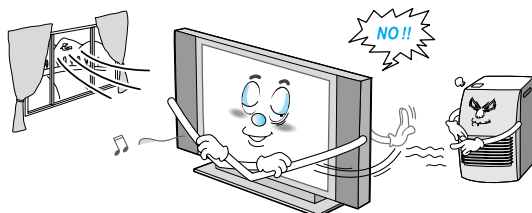
When installing the Monitor on a table, be careful not to place the edge of its stand.

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

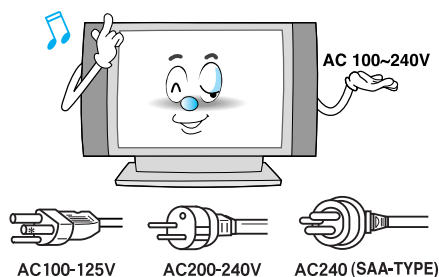
This plasma display is designed to be mounted horizontally (wide viewing). Any inquiry regarding its vertical position should be forwarded to the manufacture directly.



# Important Safety Information

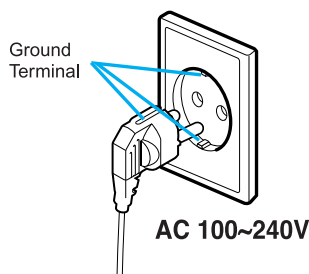


Provide ventilation for the Monitor. The unit is designed with slots in the cabinet for ventilation to protect it from overheating. Do not block these openings with any object, and do not place the Monitor on a bed, sofa, rug or other similar surface. Do not place it near a radiator or heat register. 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.

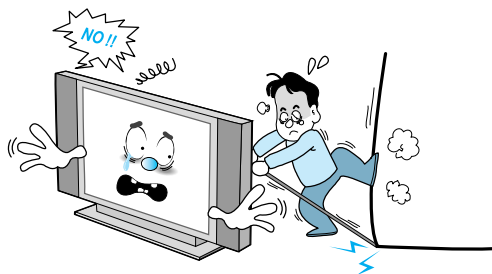


Use only the accessory cord designed for this product to prevent shock. The power supply voltage rating of this product is AC100-240V, the power cord attached conforms to the following power supply voltage. Use only the power cord designated by our dealer to ensure Safety and EMC.

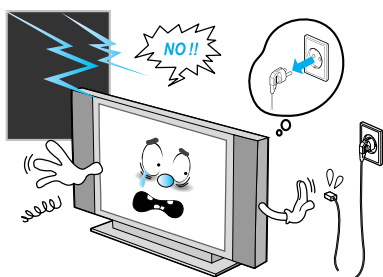
When it is used by other power supply voltage, power cable must be changed. Consult your product dealer.



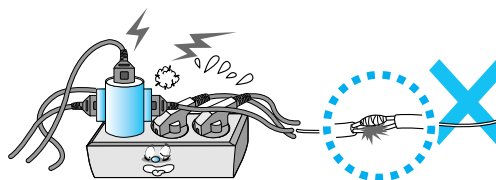
Use only a grounded or polarized outlet. For your safety, this Monitor is equipped with a polarized alternating current line plug having one blade wider than the other. This plug will fit into the power outlet only one way. If you are unable to insert the plug fully into the outlet, try reversing the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



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.

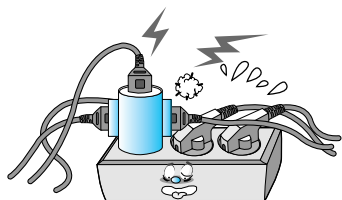


Unplug the Monitor from the wall outlet and disconnect the antenna or cable system during a lightning storm or when left unattended and unused for long periods of time. This will prevent damage to the unit due to lightning and power-line surges.

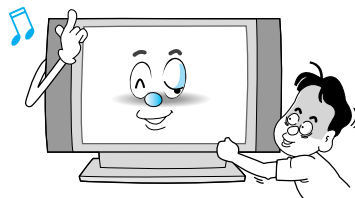


Protect the power cord. Power supply cords should be routed so that they won't be walked on or pinched by objects placed on or against them. Pay particular attention to cords at plugs, convenience receptacles, and the point where they exit from the unit.

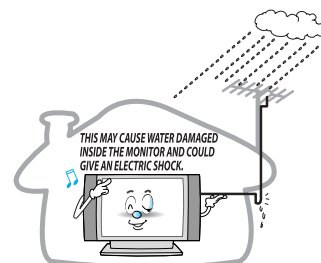
# Important Safety Information



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



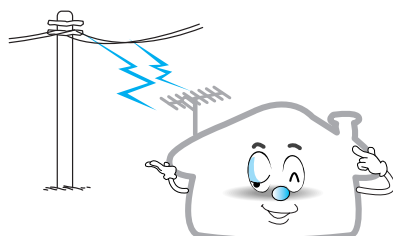
Do not insert anything through the openings in the unit, where they can touch dangerous voltage points or damage parts. Never spill liquid of any kind on the Monitor.



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

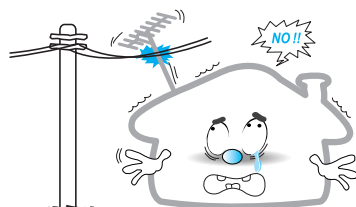
- This may cause water damaged inside the Monitor and could give an electric shock.

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.

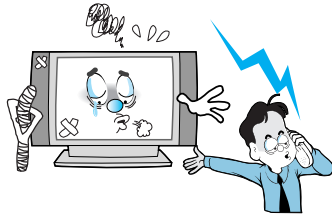
- This may cause an electric shock.

**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:**

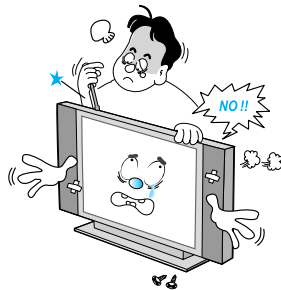
- when the power-supply cord or plug is damaged
- if liquid has been spilled on the unit or if objects have fallen into the unit
- if the Monitor has been exposed to rain or water
- if the Monitor does not operate normally by following the operating instructions
- if the Monitor has been dropped or the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



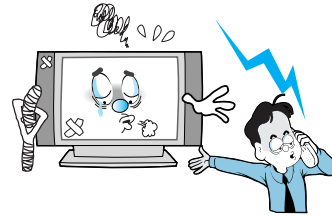
# Important Safety Information



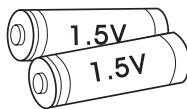
When replacement parts are required, be sure the service technician uses replacement parts specified by the manufacturer or those that have the same characteristics as the original part. Unauthorized substitutions may result in additional damage to the unit.



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

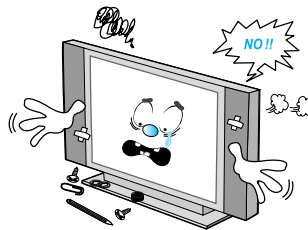


If you make adjustments yourself, adjust only those controls that are covered by the operating instructions. Adjusting other controls may result in damage and will often require extensive work by a qualified technician to restore the Monitor to normal.



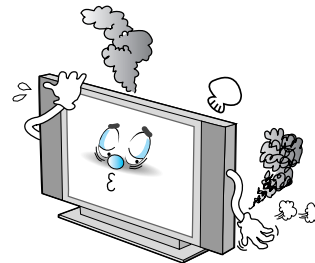
Only use the specified batteries.

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



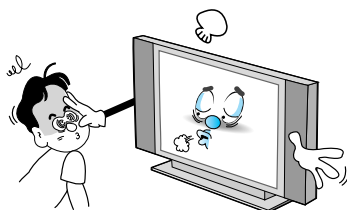
Do not place anything containing liquid on top of the Monitor.

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



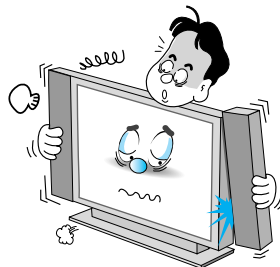
In case of smoke or strange smell from the Monitor, switch it off, unplug it from the wall outlet and contact your dealer or service center.

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



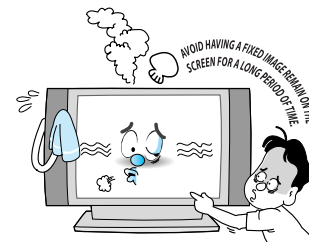
The distance between eyes and the screen should be about 5~7 times as long as diagonal length of the screen.

- 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.

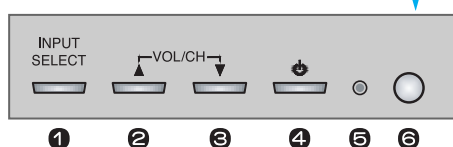


Avoid having a fixed image remain on the screen for a long period of time. Typically a frozen still picture from a VCR, 4:3 picture format or if a CH label is present; the fixed image may remain visible on the screen.

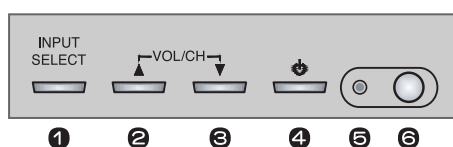
# Overview Of Your New PDP

## OSD Key Position

### Front Panel



### < D Type >



### < I Type >

### ▶ OSD key & Function

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

## 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.

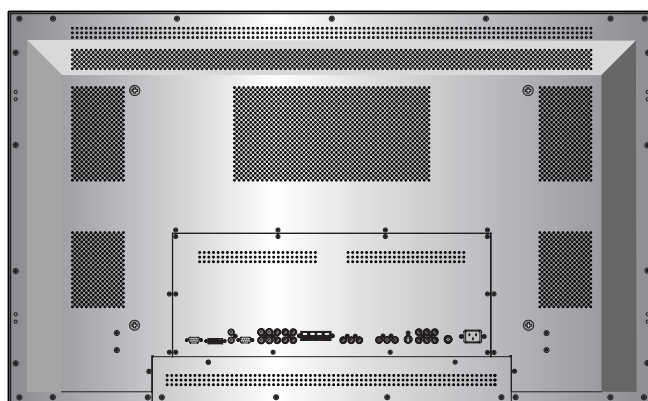
**To change the VOLUME,**  
Press ▼ button first and change the VOLUME with ▲, ▼ buttons.

### ▶ Power On /Off

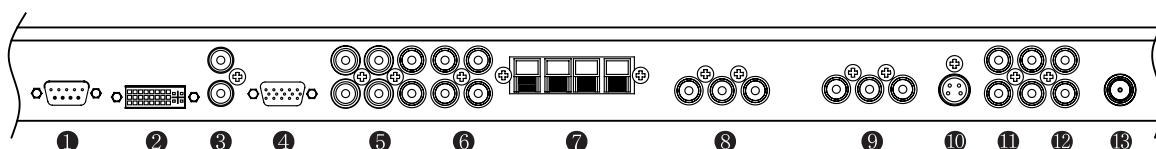
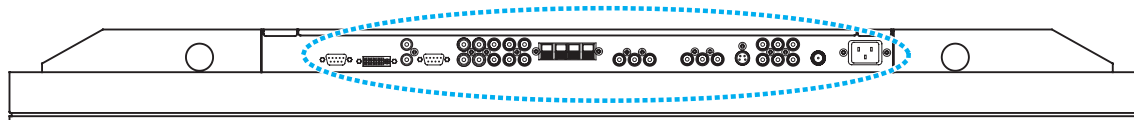
Turn the PDP on and off.

# Overview Of Your New PDP

## Back Panel and Jacks



< Back panel of the monitor >



❶	RS-232C	To control from PC.
❷	DVI	For PC, Set top box.
❸	PC Sound	PC/DVI Audio Input.
❹	D-Sub (PC)	For PC, Set top box.
❺	Component 1, 2	For DVD, Set top box.
❻	Component Sound	For Component Audio Input.
❼	Speakers	To connect speakers (2CH, Stereo)
❽	AV 1	For VCR, DVD, Set top box.
❾	AV 2	For VCR, DVD, Set top box.
❿	S-Video	For DVD, Set top box, S-VHS.
⓫	AV Output	To connect other TV or monitor.
⓬	AV 3	For VCR, DVD, Set top box.
⓭	TV Antenna	For TV antenna cable. (Air)

# Overview Of Your New PDP

## 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.

## ❽❹ Composite (RCA) input Jack 1, 2

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

## ❾ S-Video Input Jack

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

## ❿ (Upper). Composite (RCA) output Jack

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

## ⓫ (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.

## ⓬ ANT. IN (TV Antenna Jack)

Connects to an TV antenna cable.

## ⓭ 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. (If the cable is different to the picture, inquire your PC service center)

## RS-232C Configurations

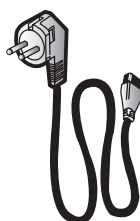
### 3-Wire (Non-standard)

	PC	PDP	
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

# Accessories



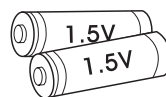
Remote Control Handset



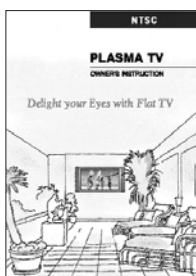
Power Cord



RF Cable



Alkaline Batteries



Owner's Manual

# Optional Extras

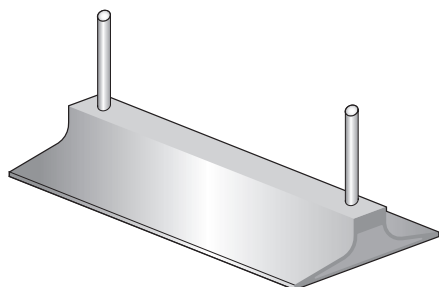


Table Stand  
(Type United)

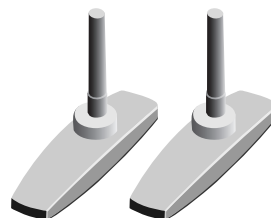
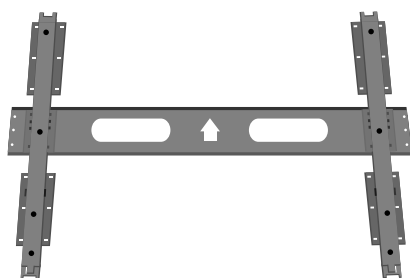
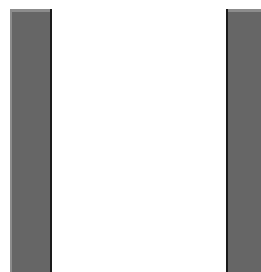


Table Stand  
(Type Separated)

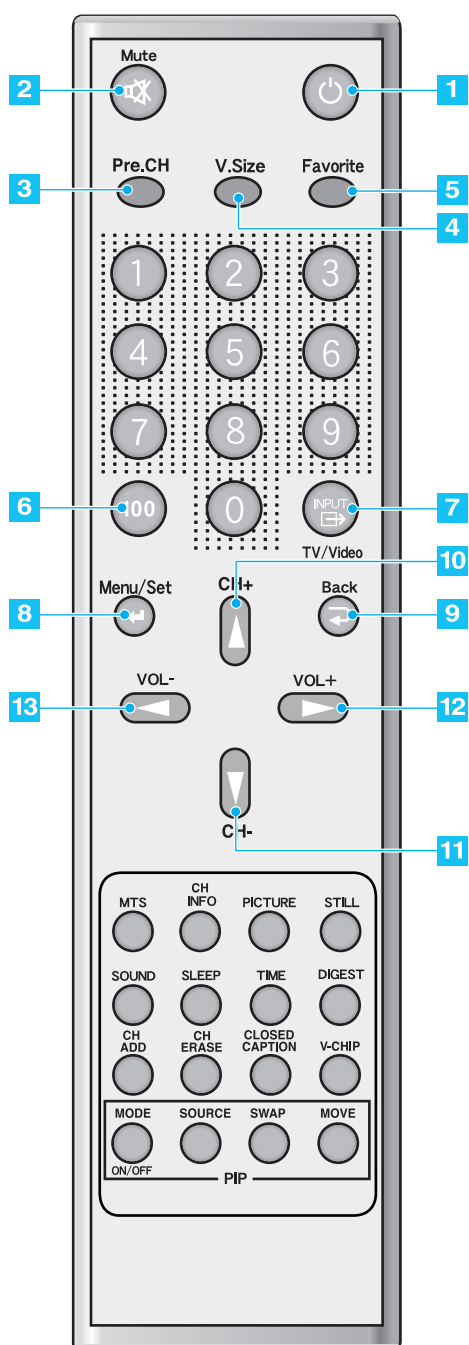


Fixed Wall Mount Bracket



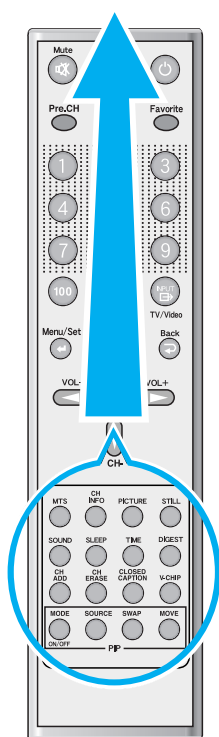
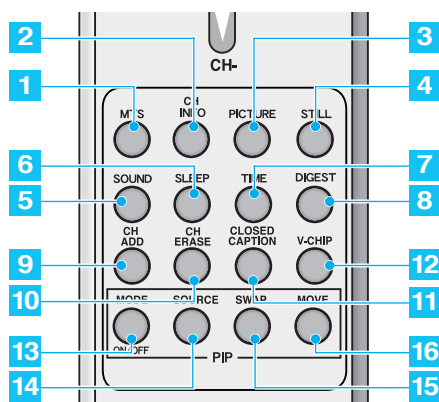
Side Mount Speaker

# Remote Control



- 1 Power**  
Turn the PDP 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.  
16:9 → 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.

# 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.

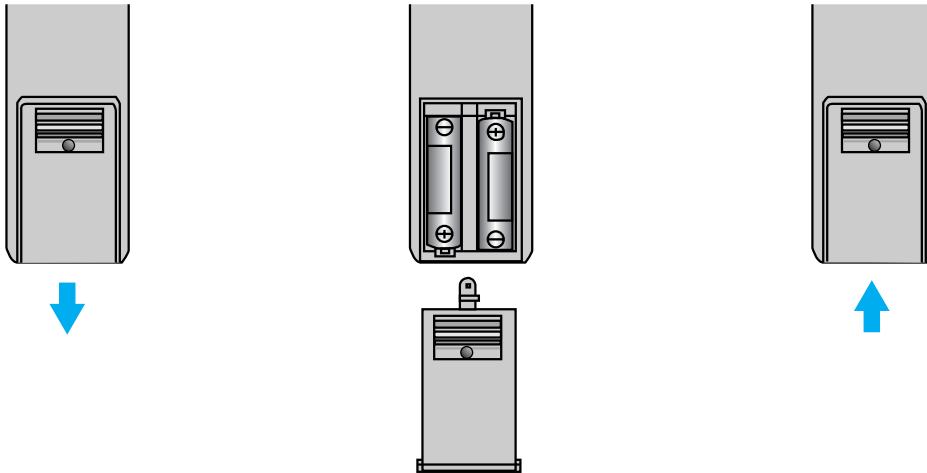
- 1 MTS**  
Choose the MTS (Stereo) mode. Each time it is pressed, different mode is selected.  
Mono → Stereo → SAP  
• You can select only available modes depending on the source.
- 2 CH INFO**  
Display the current information about time, screen form, source and MTS mode.
- 3 PICTURE**  
There are 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(Not Work) → 10 → 20 → 30 → 60 → 90 → 120 → 150 → 180
- 7 TIME**  
Display the current time on the screen.
- 8 Digest**  
Display 9 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.



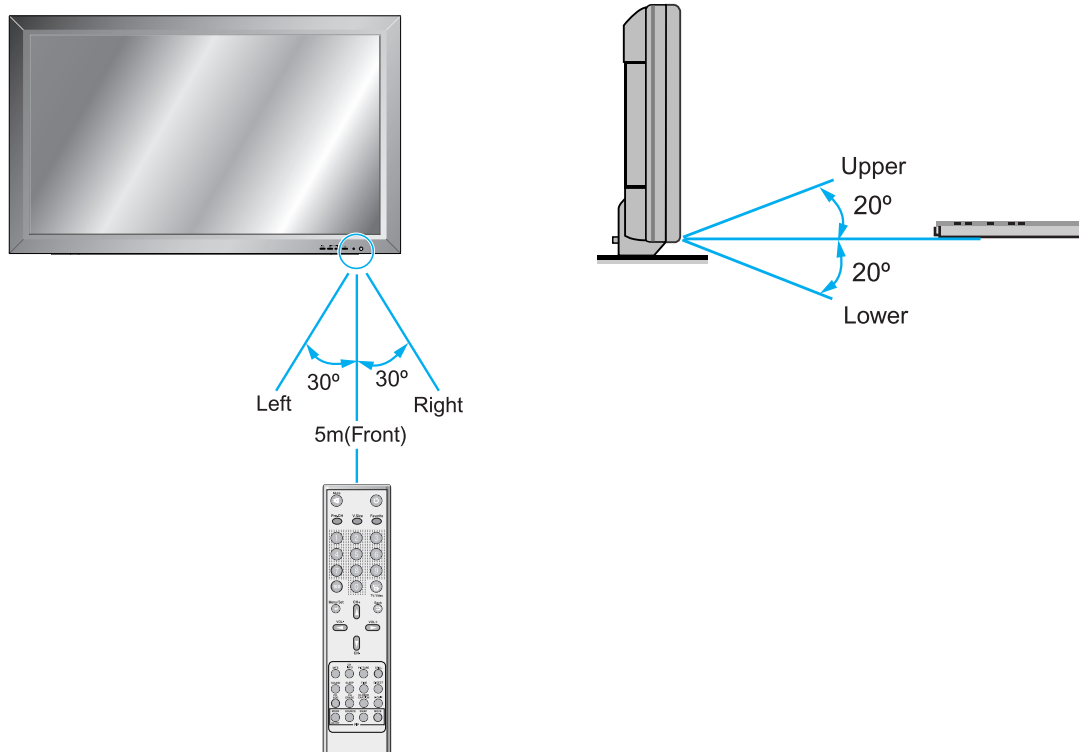
# Remote Control

## 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



# Monitor Installation

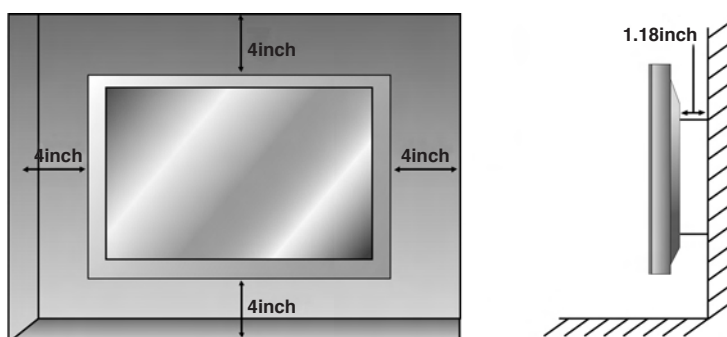
The Monitor can be installed in various ways such as Wall Mounting type, Table Stand type, etc..

## Wall Mount Installation (optional)

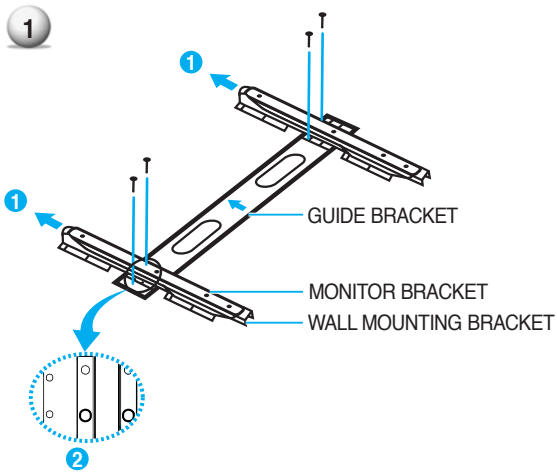


< The monitor can be installed on the wall as the picture above >

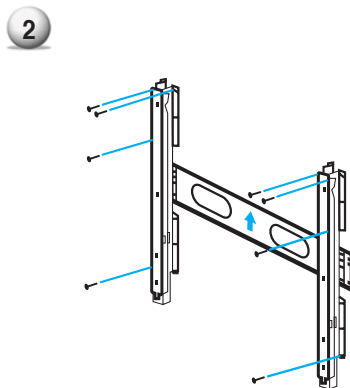
- Install this monitor only in a location where adequate ventilation is available.



# Monitor Installation



1. Before installation of monitor, Assemble to the same inch of the PDP shown as left(2).
2. Lift the monitor brackets off the mounting frame shown as arrow 1.



1. Drill the 8 hole positions shown as left. Using an 8mm drill appropriate for the material on the wall, drill each hole to a depth of exceed 80mm.
2. Clean each drill hole.
3. Insert an anchor supplied with the wall mounting bracket into each hole.
4. Mount the wall mounting bracket on the wall using the 8 screws supplied.

