

ATTACHMENT E.

- USER'S MANUAL (1)

Warnings



WARNING:

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



The lightning flash with arrowhead symbol, within an equilateral triangle, 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.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

WARNING:

TO PREVENT FIRE OR SHOCK HAZARDS, DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE.

Apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus.

FCC Information

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.

Important Safety Instructions

IMPORTANT SAFETY INSTRUCTIONS:

- 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.

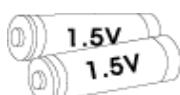
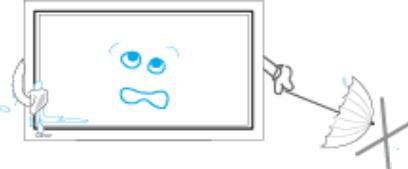
Your product has been manufactured and tested with your safety in mind. However, improper use can result in potential electrical shock or fire hazards.

To avoid defeating the safeguards that have been built into your new product, please read and observe the following safety points when installing and using your new product, and save them for future reference.

Observing the simple precautions discussed in this booklet can help you get many years of enjoyment and safe Operation that are built into your new product.

This product complies with all applicable U.S. Federal safety requirements, and those of the Canadian Standards Association.

Safety Information

<p>During a lightning storm, or when it is left Unattended and unused for a long period of time, unplug it from the wall outlet. It can result in fire.</p> 	<p>When unplugging your monitor, always grip plug firmly and pull straight out from the receptacle. It can result in fire or electric shock due to damaged power code.</p> 
<p>This product must be properly grounded.</p> <ul style="list-style-type: none"> • Improper grounding may cause malfunction or electric shock. • When proper grounding is not possible, install circuit breaker. • Do not ground to gas pipe, water pipe, lightning rod, and telephone line. 	<p>During a lightning storm, unplug the monitor from the wall outlet, and do not touch the antenna.</p> <ul style="list-style-type: none"> • it can cause fire or electric shock. 
<p>Do not use this product in the neighborhood of a bath or shower. It can result in electric shock or fire.</p> 	<p>No objects filled with liquids, such as vases, shall be placed on the monitor. Spilled liquids may cause electric shock or fire.</p> 
<p>Use only the specified batteries. This may cause damage to the Monitor or could give an electric shock.</p> 	<p>Do not spray water to the monitor or wipe with damp cloth. It may cause electric shock or fire.</p> 

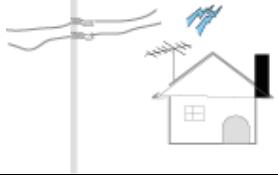
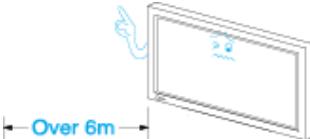
<p>Unplug the monitor from the wall outlet when smoke or strange smell occurs, then refer servicing to a service personnel. In the case of continuous, it may cause fire or electric shock.</p> 	<p>Do not install the product where it will be exposed to the direct sunlight, and the products should not be near heat sources such as radiators, stoves, etc. It may cause malfunction.</p> 
<p>When using an outside antenna system, do not install it in the vicinity of overhead power lines. When antenna touches such power lines, it may cause electric shock.</p> 	<p>Do not wipe the monitor using a cloth damped with chemicals (benzene, thinner, etc.) Monitor appearance may be marred. (Unplug the power plug and wipe with soft cloth.)</p> 
<p>Do not place any object or cover on the monitor. In an event of improper ventilation, the monitor will be overheated causing fire.</p> 	<p>When watching the TV, the distance between the monitor screen and your eye should be as 5-7 times as the diagonal distance of the monitor. Watching the TV for a long time may hurt your eye sight.</p> 

Table of Contents

General Information

Introduction	10
Accessories	11
Production Layout	12
Remote Control	14
Pedestal Stand Installation	17
Wall Mount Installation	18

Connections

Connecting a TV	25
Connecting a Cable TV	26
Connecting a DTV	28
Connecting a VCR	30
Connecting a DVD	32
Connecting a Camcorder	34

Picture Control

Selecting a Screen Mode	36
Adjusting a Picture Quality	37
Selecting the Color tone	38
Changing the Screen size	39
Turning Orbiter On and Off	40

TV Control

Choosing a Tuner Mode	42
Auto Search	43
Channel Memory	44
Fine Tuning Channel	45

Sound Control

Selecting a Sound Mode	47
Adjusting a Volume	48
Adjusting a Balance	49
Adjusting an Equalizer	50
Operating AVL	51
Operating MTS	52
Adjusting a Earphone Volume	53

Special Function Control

Reset, OSD Tone, and Blue Screen	55
Time Set-Up	56
Language Set-Up	57
Operating a V-Chip Function	59
Closed Caption	63
PIP Function	64

Operating in PC Mode

Connecting a PC	67
Adjusting PC Screen	71

Appendix

Troubleshooting	74
Maintenance	76
Specification	77
Warranty Card	78

PLASMA DISPLAY PANEL

General Information



Introduction	10
Accessories	11
Product Layout	12
Remote Control	14
Stand Installation Instruction	17
Wall Mount Installation Instruction	18

General Information

Introduction

What is a Plasma Display Panel (PDP)?

If voltage is applied to gas within glass panels, ultraviolet rays are produced and fused with a fluorescent substance. At that instant, light is emitted. A Plasma Display is a next generation flat Display using this phenomenon.

160° - Wide angle range of vision

Your flat panel plasma screen offers an exceptionally broad viewing angle -- over 160 degrees. This means that the display is clear and visible to viewers anywhere in the room.

Wide Screen

The screen of the Plasma Display is 42" so wide that your viewing experience is as if you are in a theater.

Multimedia

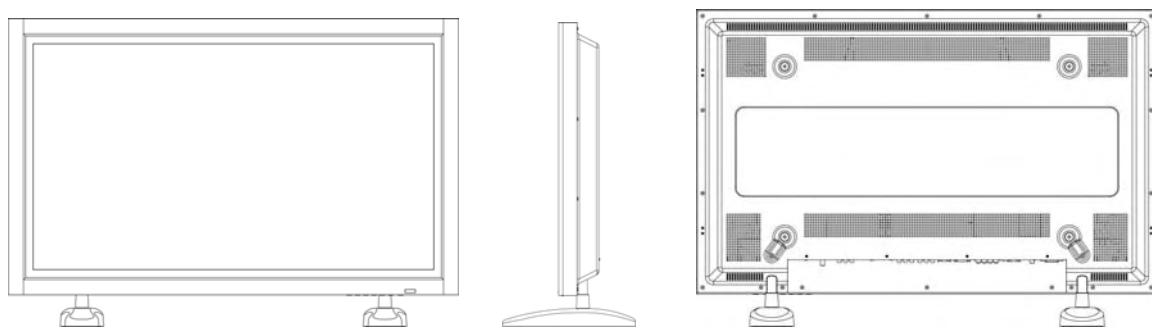
Connect your plasma display to a PC and you can use it for conferencing, games, and internet browsing. The Picture-in-Picture feature allows you to view your PC and video images simultaneously.

Versatile

The light weight and thin size makes it easy to install your plasma display in a variety of locations where conventional TVs would not fit.

The PDP Manufacturing Process: Why minute colored dots may be present on the PDP screen

The PDP (Plasma Display Panel) which is the display device of this product is composed of 0.9 to 2.2 million cells. A few cell defects will normally occur in the PDP manufacturing process. Several minute colored dots visible on the screen should be acceptable. This also occurs in other PDP manufacturers' products and the tiny dots appearing does not mean that this PDP is defective. Thus a few cell defects are not sufficient cause for the PDP to be exchanged or returned. Our production technology is designed to minimize cell defects during the manufacture and operation of this product.



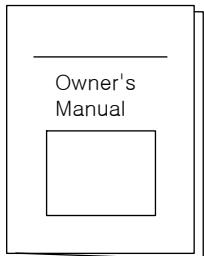
Accessories

Accessories Supplied

Check that you have the accessories and items shown.



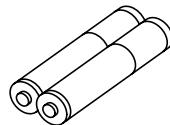
Owner's Manual



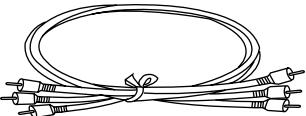
Remote Control Transmitter



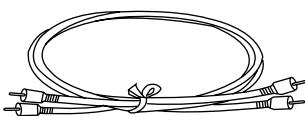
Batteries for the Remote Control Transmitter (AA(R6) Battery X 2)



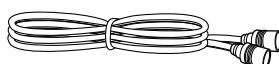
Component Cable



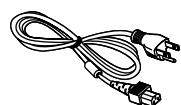
Antenna Cable (Coaxial Cable)



Antenna Cable (Coaxial Cable)

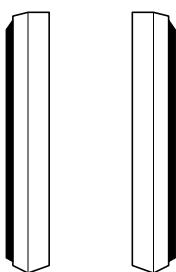


AC cord



Optional Accessories

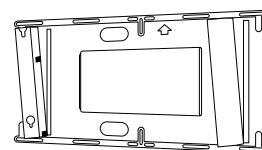
External Speakers



Desktop Stand



Wall-Mount bracket (angled)

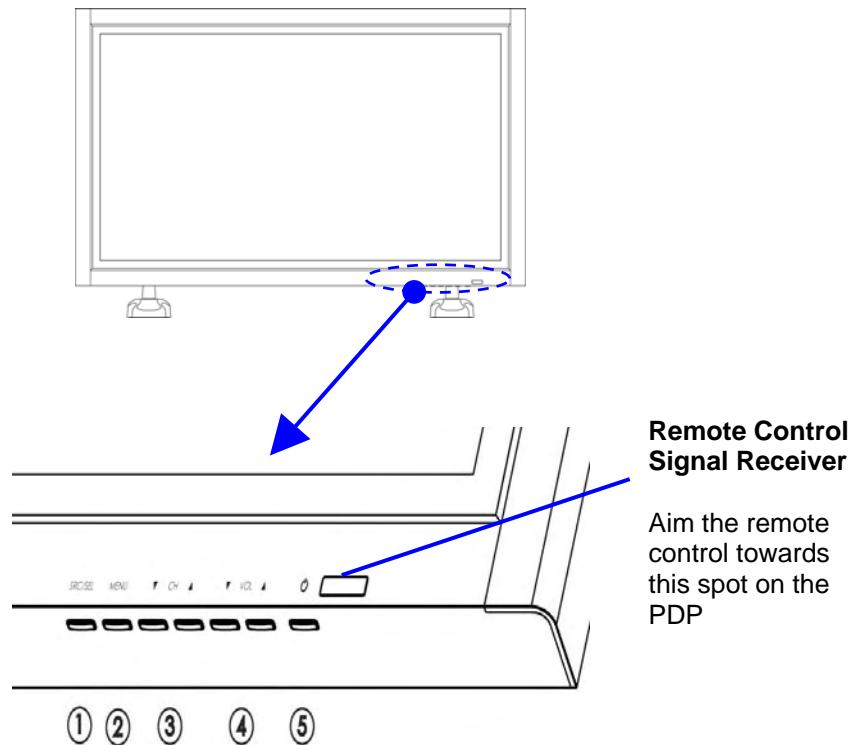


For assembling

Full instructions are supplied with each optional accessories for use with this Plasma Display.

Product Layout

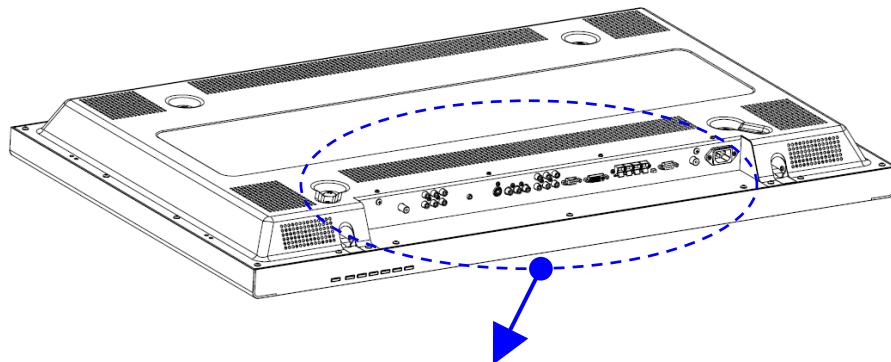
< Front view of the TV >



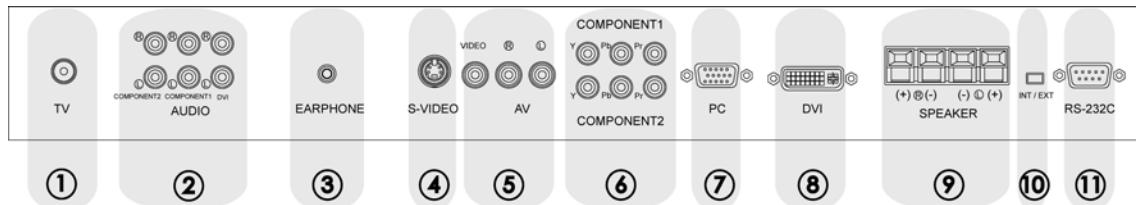
- ① **SRC/SEL**
Input source selection
- ② **MENU**
Display menu option
- ③ **CH**
Change channel, up/down
- ④ **VOL**
Change volume, up/down
- ⑤ ****
Power on/off
- ⑥ **Power Indicator**

Product Layout

< Back Side of the TV >



< Connection Panel >



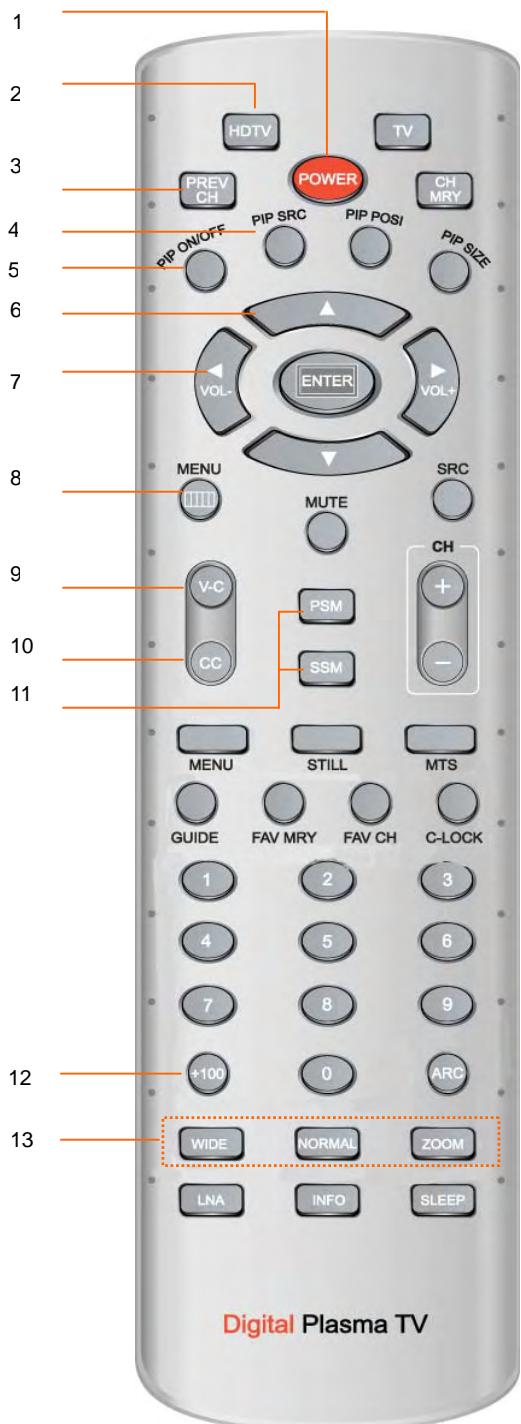
- ① **TV**
Connect to antenna
- ② **AUDIO**
Connect to the audio of Component1 & 2, and DVI
- ③ **Earphone**
Connect Earphone
- ④ **S-Video**
Connect S-Video from devices such as VCRs or DVD players.
- ⑤ **AV**
Connect to video/audio signals from devices such as VCRs or DVD players.
- ⑥ **Component1&2 (Y/Pb/Pr)**
Connect to the component (480i/p, 720p, 1080i) from devices such as progressive DVD players or Set-top box.
- ⑦ **PC (RGB)**
Connect to your PC (D-Sub 15 pin)
- ⑧ **DVI**
Connect to the digital video from a set-top box or PC.
- ⑨ **SPEAKER**
Connect to external speakers.
- ⑩ **INT/EXT**
Select Internal or External speaker.
- ⑪ **RS-232C**
For service only.

Remote Control

● Functions of remote control buttons

The remote control is using Infra-Red(IR). Point it towards the front of the PDP TV.

The remote control may not work correctly if it is operate out of angle.



1. POWER

Turns the PDP TV on and off

2. DTV

Only use to select an ATSC source

3. PREV CH

Turns to the previous channel

4. PIP SRC

PIP input source select key

5. PIP ON/OFF

Turns the PIP function on and off

6. ▲▼(CH+, CH-)

Press to change the memory channels
or menu control key

7. ▲▼(VOL-, VOL+)

Press to increase or decrease the
Volume or menu control key

8. MENU

Displays the main on-screen menu

9. V-C

V-CHIP Function

10. C-C

Closed Caption Function

11. PSM

Picture status memory key

SSM

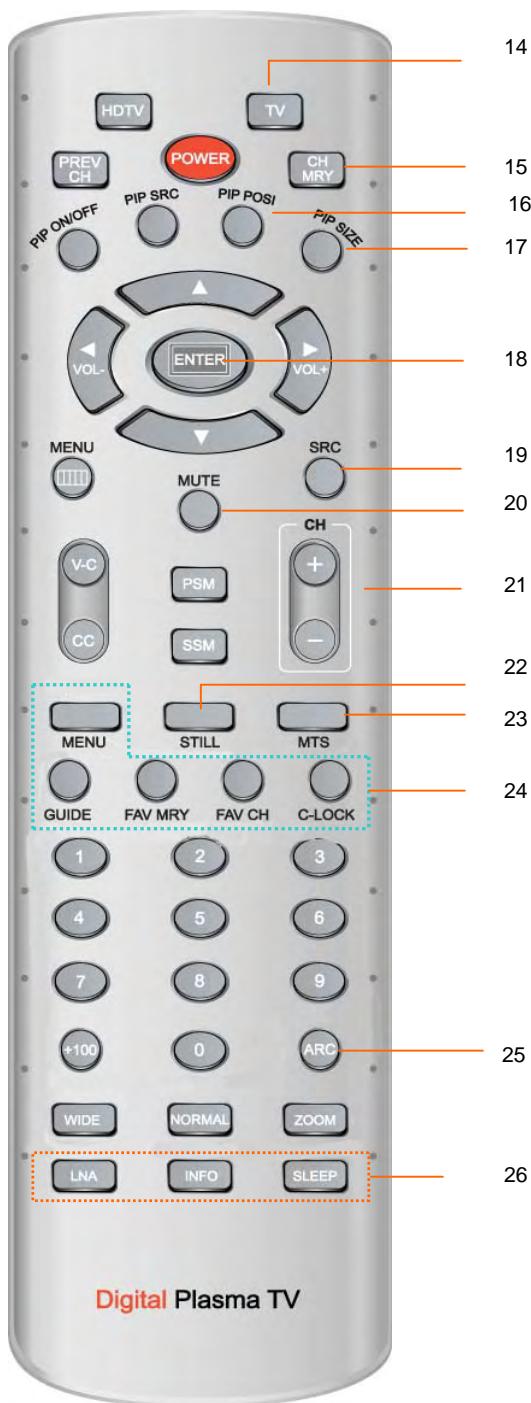
Sound status memory key

12. +100

Press to select channels over 100
For example. To select channel 109,
Press "+100" then press "0" and "9"

13. WIDE, NORNAL, ZOOM

Hot key to change picture size



14

15

16

17

18

19

20

21

22

23

24

25

26

14. TV

Use to select an Air(Cable) TV source

15. CH MRY

Press to add channels

16. PIP POSI

Press to change PIP sub-picture
Position

17. PIP Size

Press to change PIP sub-picture size

18. ENTER

Save The value

19. SRC

Use to select an input source

20. MUTE

Press to temporarily cut off the sound

21. CH(+,-)

Press to change the memory channel

22. STILL

Press to pause the current screen

23. MTS(Multi-Television Sound)

Press to select MONO or STREO

**24. MENU, GUIDE, FAV MRY, FAV CH,
C-LOCK**

Only use to select an ATSC source

25. ARC (Aspect Ratio Control)

Press to change the screen size

26. LNA, INFO, SLEEP

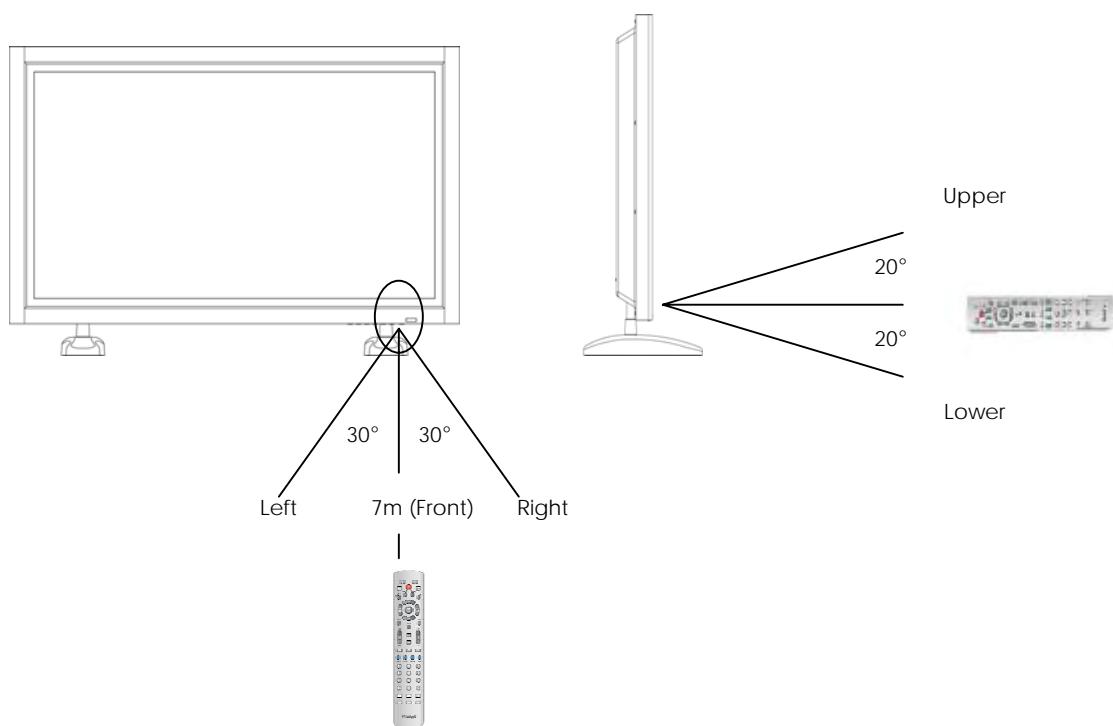
LNA : Low Noise Amplifier

INFO : Press to display information on
the screen

SLEEP : Press to select a time for the TV to
turn off Automatically

Remote Control Operation Range

The remote control should be operated within 30feet(7m) and 30° to the left and the right of the IR receiver on the front the PDP TV



Batteries installation

1. Open the battery compartment over on the back side and insert the batteries with correct polarity.
2. Install two 1.5V batteries of AAA type.
3. Don't mix used batteries with new batteries.

