Plasma or LCD TV

OWNER'S INSTRUCTION

Delight your Eyes with Flat TV

Contents

Important Safety Information

This symbol is intendded to alert the user to the presence of uninsulated "dangerous voltage" within magnitude to constitute a risk of electric shock to persons.

This symbol is intendded to alert the user to the presence of important operating and maintenance 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.

WARNING

- Apparatus shall not be exposed to driping or splashing and no objectss 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.
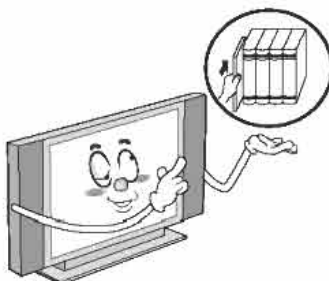
Keep the safety and operating instructions for future reference.

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

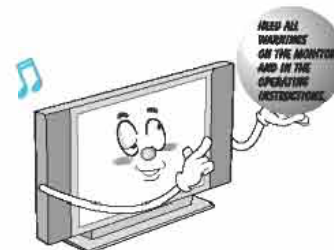Always be careful when using your PDP. To reduce the risk of fire, electrical shock, and other injuries, keep these safety precautions in mind when installing, using, and maintaining your machine.

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 pirched 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.
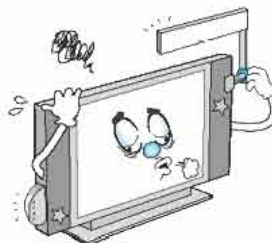
Important Safety Information

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.

Do not place the Monitor on an unstable cart, stand, tripod, bracket, table, or floor where it can fall. A falling Monitor can cause serious injury to a child or adult, and serious damage to the appliance. Use only with a cart, stand, tripod, bracket, or table recommended by the manufacturer or sold with the Monitor. Move the Monitor and cart with care. Quick stops, excessive force,and uneven surfaces can make the unit and cart unsteady and likely to overturn.

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

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.

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.

AC100-125V   AC200-240V   AC240(SAA TYPE)
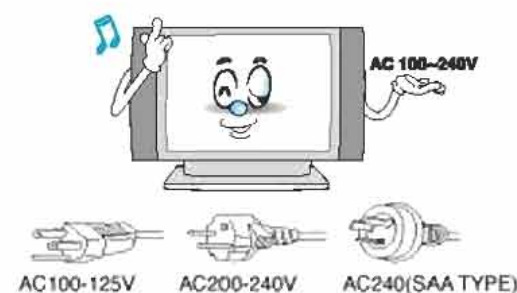
Use only the accessory cord designed for this product to prevent shock. The power supply voltage rating of this product is AC100-240V, the power cord attached conforms to the following power supply voltage. Use only the power cord designated by our dealer to ensure Safety and EMC. When it is used by other power supply voltage, power cable must be changed. Consult your product dealer.

Ground Terminal

AC 100~240V
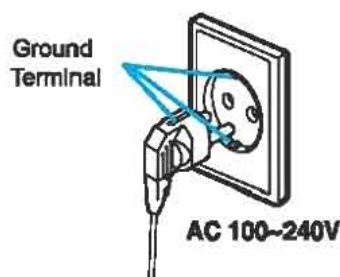
Use only a grounded or polarized outlet. For your safety, this Monitor is equipped with a polarized alternating current line plug having one blade wider than the other. This plug will fit into the power outlet only one way. If you are unable to insert the plug fully into the outlet, try reversing the 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.
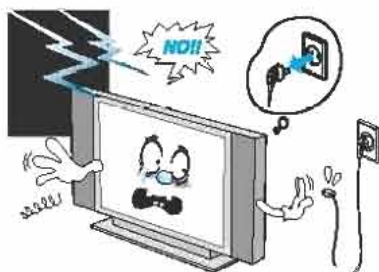
Unplug the Monitor from the wall outlet and disconnect the antenna or cable system during a lightning storm or when left unattended and unused for long periods of time. This will prevent damage to the unit due to lightning and power-line surges.


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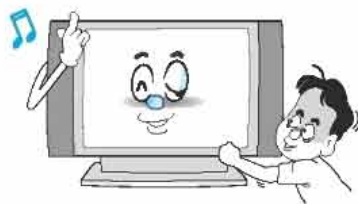
Do not insert anything through the openings in the unit, where they can touch dangerous voltage points or damage parts. Never spill liquid of any kind on the Monitor.

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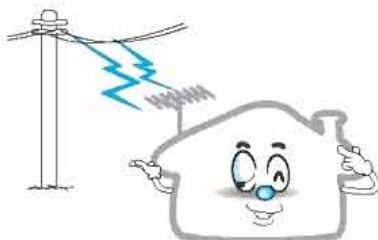
Do not place an outside antenna in the vicinity of overhead power lines, other electric light or power circuits.

- 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

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.
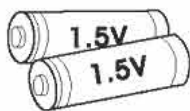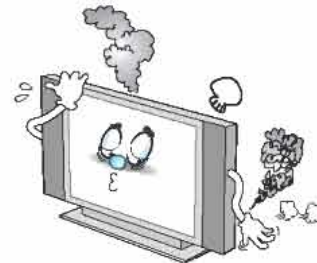
Only use the specified batteries.

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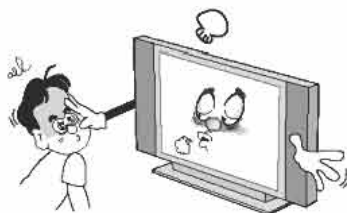
The distance between eyes and the screen should be about 5~7 times as long as diagonal length of the screen.

- 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>

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, SCART 1, SCART 2, S-Video / AV, Component1, Component2, PC and DVI.

VOL /CH ▲/ ▼

To change the CHANNEL,
Press ▼ key first and change the CHANNEL with ▲ ,▼ keys.
To change the VOLUME,
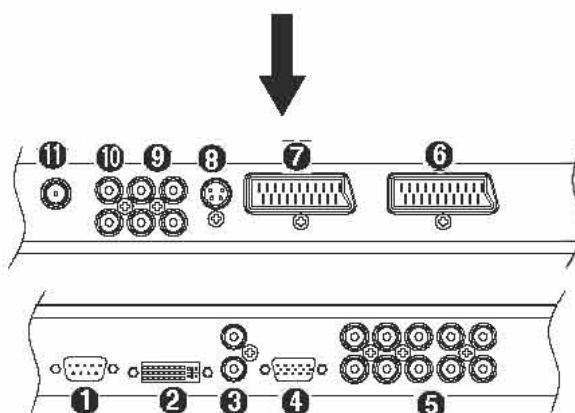Press ▲ key first and change the VOLUME with ▲ ,▼ keys.

⏻ Power On /Off

Turn the PDP on and off.

Back Panels and Jacks

<Back panel of the monitor>
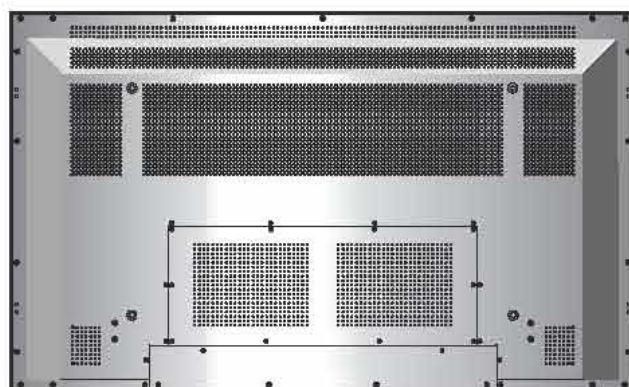
❶	RS-232C	Only for service.
❷	DVI	For PC, Set top box.
❸	Speakers	PC/DVI Audio Input.
❹	D-Sub (PC)	For PC, Set top box.
❺	Component 1, 2	For DVD, Set top box.
❻	SCART 1 (Euroconnector)	For VCR, DVD, Set top box.
❼	SCART 2 (Euroconnector)	For VCR, DVD, Set top box.
❽	S-Video	For DVD, Set top box, S-VHS.
❾	AV output	To connect other TV or monitor.
❿	AV Input	For VCR, DVD, Set top box.
⓫	TV Antenna	For TV antenna cable. (Air)

• Refer to the next page for port descriptions.

Overview Of Your New PDP

❶ **RS-232C Jack**
Only for Service do not use this connector!!!

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

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, 1080i/50Hz,1080i/60Hz signals.
(i: interlace, p: progressive)

❼ **SCART (EUROCONNECTOR) JACK 1, 2**
- SCART 1: Half SCART (CVBS only input / output).
- SCART 2: Full SCART (CVBS & RGB input / output).
  Connects a SCART (eurocable) signal from a VCR, DVD player, or Set Top Box.

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 **COMPOSITE (RCA) OUTPUT JACK**
Output the signal of the current screen of the PDP. Connects to other TV or monitor.

⓫ **COMPOSITE (RCA) INPUT JACK**
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 JACK**
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
VIDEO INPUT	21 Pin Euro AV (SCART)
VIDEO OUTPUT	21 Pin Euro AV (SCART)
S-VIDEO INPUT	Mini Din 4 Pin
COMPUNENT 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)
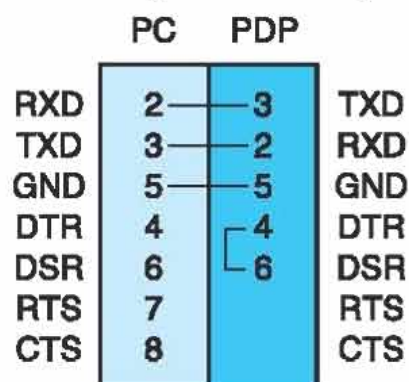
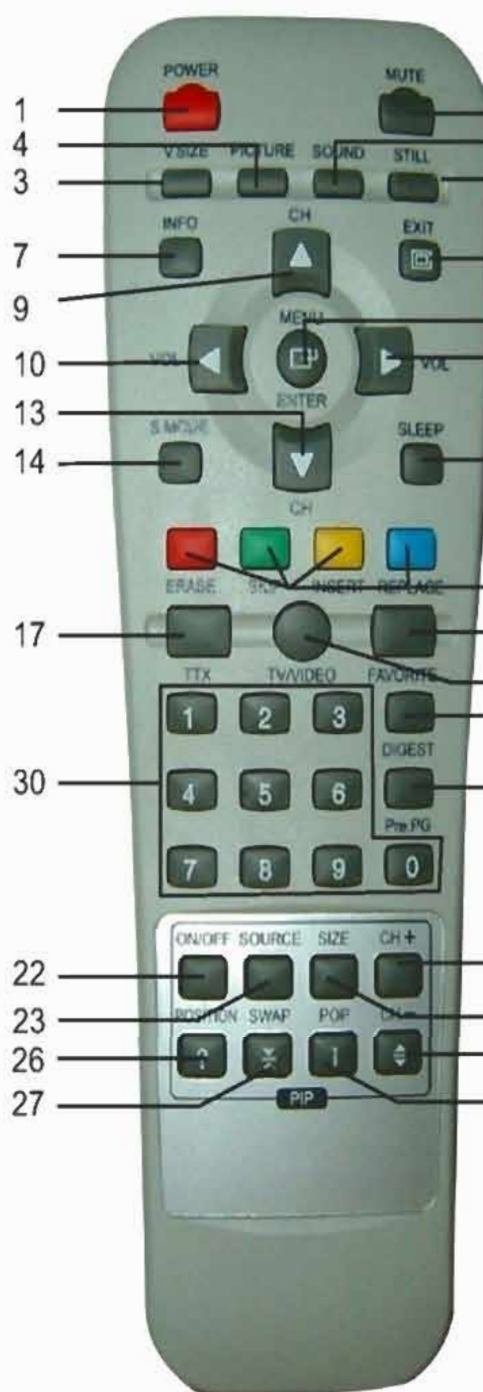|	PC		PDP	
RXD	2	—	3	TXD
TXD	3	—	2	RXD
GND	5	—	5	GND
DTR	4		4	DTR
DSR	6		6	DSR
RTS	7			RTS
CTS	8			CTS

Remote Control Handset

Power Cord

Owner's Manual

Alkaline Batteries

Controls Of The Remote Control

Key Description

1. **POWER:** Turn the PDP on and off.
2. **MUTE:** Temporarity cut the sound and restore it
3. **V.SIZE:** Choose the screen format from 16:9 ->Panorama -> Zoom1 ->Zoom2->4:3
4. **PICTURE:** There are 4 picture modes (standard->vivid->mild->user)
5. **SOUND:** Choose the sound equalizer settings (standard->movie->music->news->user)
6. **STILL:** Temporarily freeze the screen and restore it.
7. **INFO:** Display the current information about channel name, screen form, source, MTS mode, time)
8. **EXIT:** Return to previous OSD menu
9. **CH+:** Move to the upper programm
10. **VOL-:** Decrease the volume level
11. **MENU/ENTER:** Display the main OSD menu. Activate your choise in the OSD menu.
12. **VOL+:** Increase the volume level
13. **CH-:** Move to the lower programm
14. **S.MODE:** Shows the sound mode
15. **SLEEP:** Set the preset time interval for automatic turn-off. OFF->10->20->30->60->90->120->150->180
16. **COLOUR Buttons:**

   RED-ERASE: Erase the current programm
   GREEN-SKIP: Make the programme skipped
   YELLOW-INSERT: Add the current programme
   BLUE-REPLACE: Replace the selected programme with the current programme

   *See 34 page
   *These keys are the colour keys in TTX also.
17. **TTX:** Teletext on/off   TTX-> TTX/MIX -> Normal (TTX off)
18. **FAVORITE:** Tune to your next favorite programme
19. **TV/VIDEO:** Diplay the input source list
20. **DIGEST:** Display the 9 TV programmes at the same time
21. **PRE PG:** Turn to the previous programme
22. **PIP ON/OFF:** Activate PIP function
23. **PIP - SOURCE:** Change the PIP window source
24. **PIP - SIZE:** Change the PIP window size and PIP mode Small->Large->Twin (Half)->OFF
25. **PIP - CH+:** Move to upper programme in PIP/POP mode
26. **PIP - POSITION:** Move the position of the PIP window.
27. **PIP - SWAP:** Swap the main screen and the PIP window
28. **PIP - POP:** Twin picture (Half) of to input signal
29. **PIP - CH-:** Move to a lower programme in PIP/POP mode
30. **NUMBER BUTTONS:** To select TV channels direct over the number buttons.
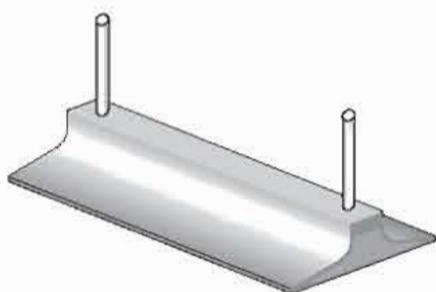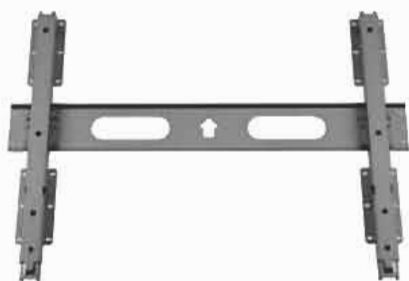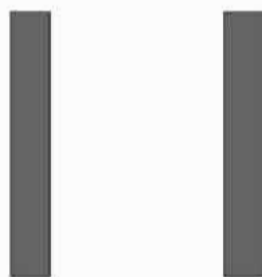
Table Stand
(type United)
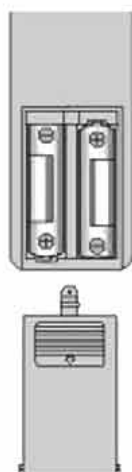
Table Stand
(Type Separated)
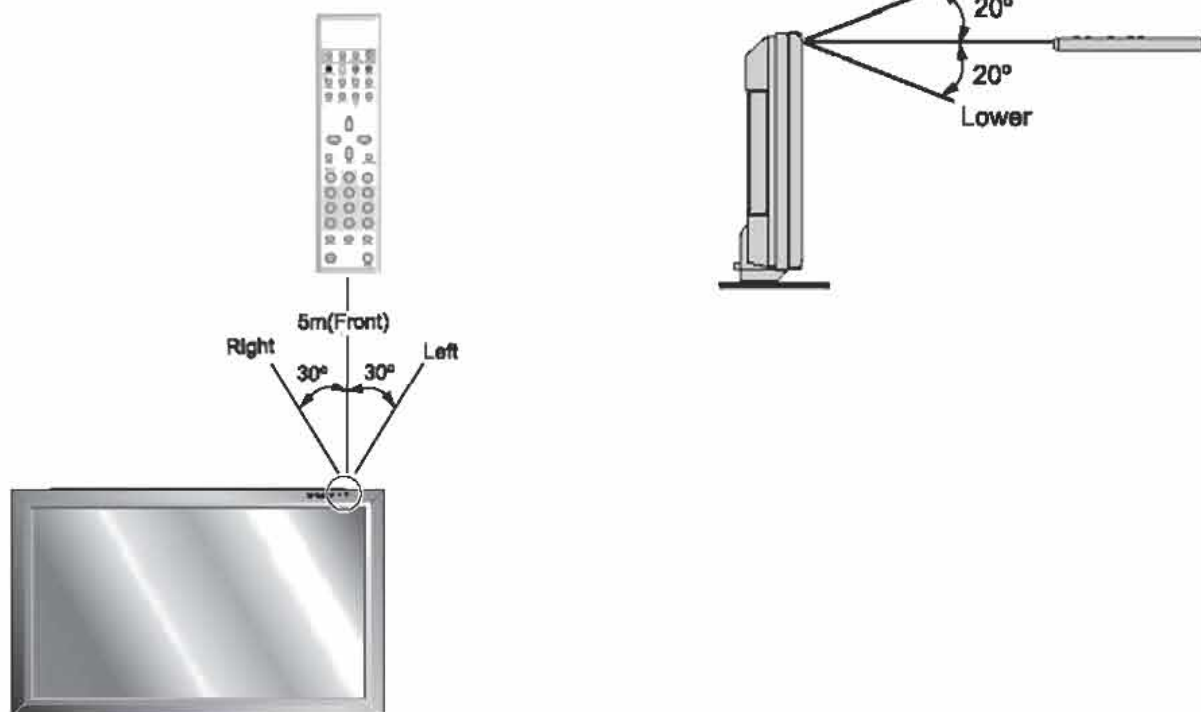
Flexible Wall
Mount Bracket

Side Mount Speaker

Controls Of 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.
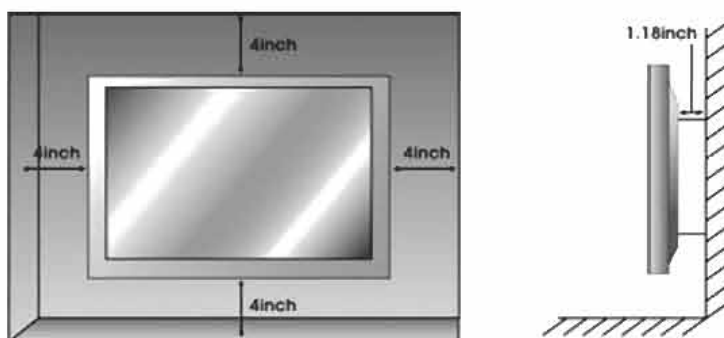
Reception range of remote control

Upper
20°
20°
Lower

5m(Front)
Right   Left
30°   30°

The Monitor can be installed in various ways such as Wall Mounting type, Table Stand type, etc..
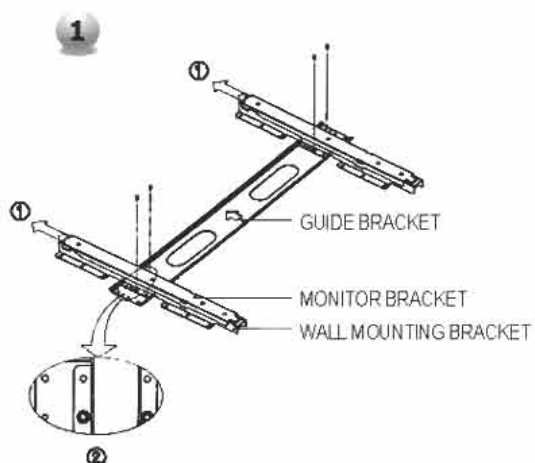
Wall Mount (optional) Installation

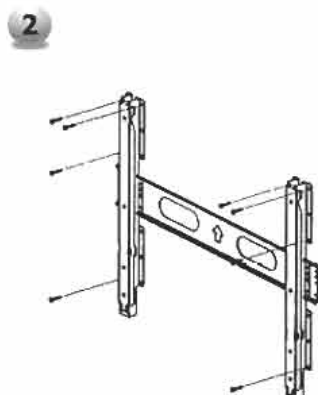<The monitor can be installed on the wall as the picture above>

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

Monitor Installation

1

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.

GUIDE BRACKET
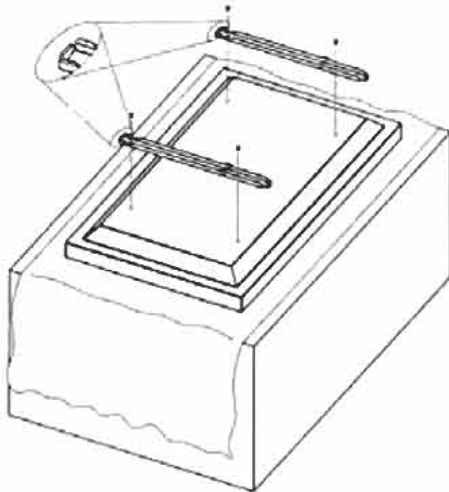MONITOR BRACKET
WALL MOUNTING BRACKET

2

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.

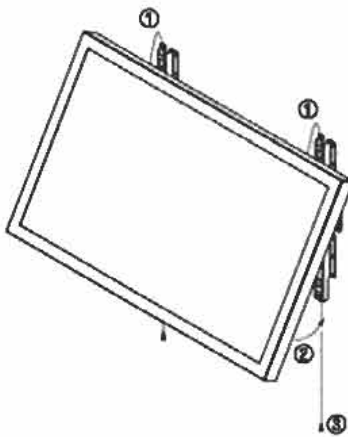4. Mount the wall mounting bracket on the wall using the 8 screws supplied.

WALL   DRILL(⌀8mm)   ANCHOR

WALL   MOUNTING BRACKET
SCREW
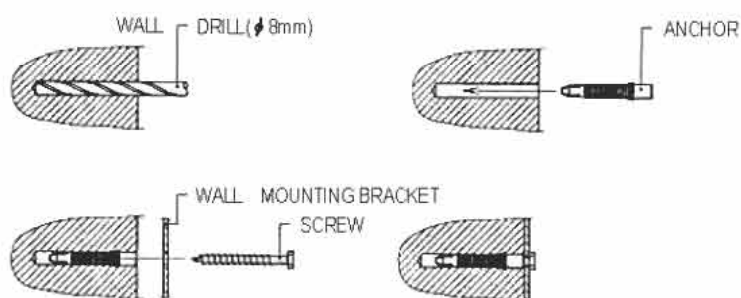
③

1. Shown as left, carefully place the monitor screen side down on a cushioned surface that will protect the monitor and screen from damage.

2. Insert the monitor brackets on the monitor shown as left. Install the 4 bolts securely, in the back of the monitor in the holes provided. Be sure the bracket hooks are at the top side of the monitor. (for 42" PDP)

④

1. Two people who are capable of lifting the weight of the monitor should do the following :
   Carefully lift up the monitor and place it in position on the wall mounting bracket securely shown as by arrow Push the bottom of the monitor toward the wall as shown in arrow2. so that the monitor will "click" into position onto the wall mounting bracket.

2. Wall mounting bracket and monitor bracket should combine together by bolt shown as left.

3. Caution : Be sure to lift a monitor/speakers assembly by the monitor only, do not lift using only the speakers.

4. When separate the monitor, follow shown as below "A".
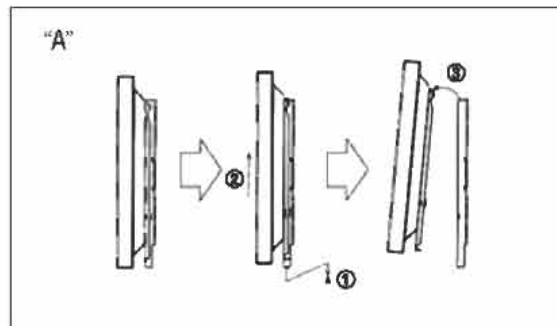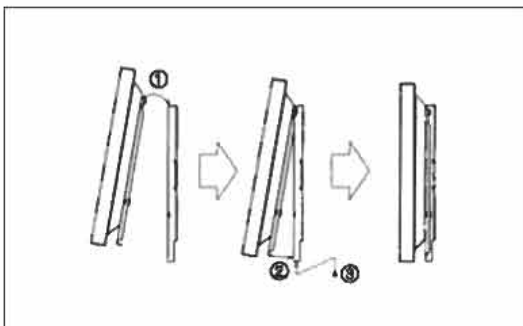
Monitor Installation

⟐ Wall Mount Accessories

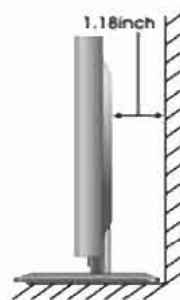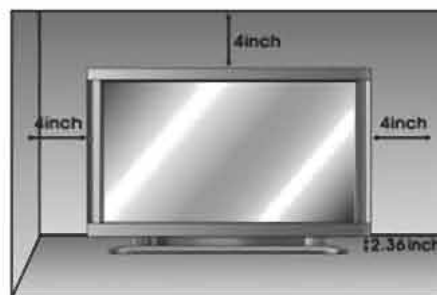|			
ANCHOR 8EA	SCREW 8EA	BOLT 6EA M8 x 30L	BOLT 6EA M4 x 6L

Table Stand Installation(optional)

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

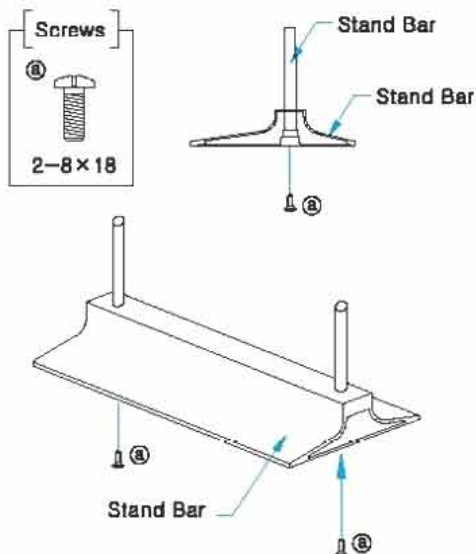• Table Stand mount minimum allowable clearances for adequate ventilation.
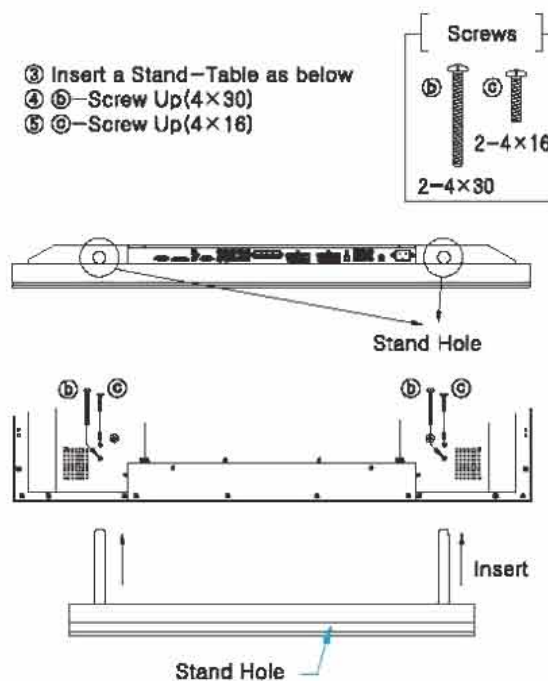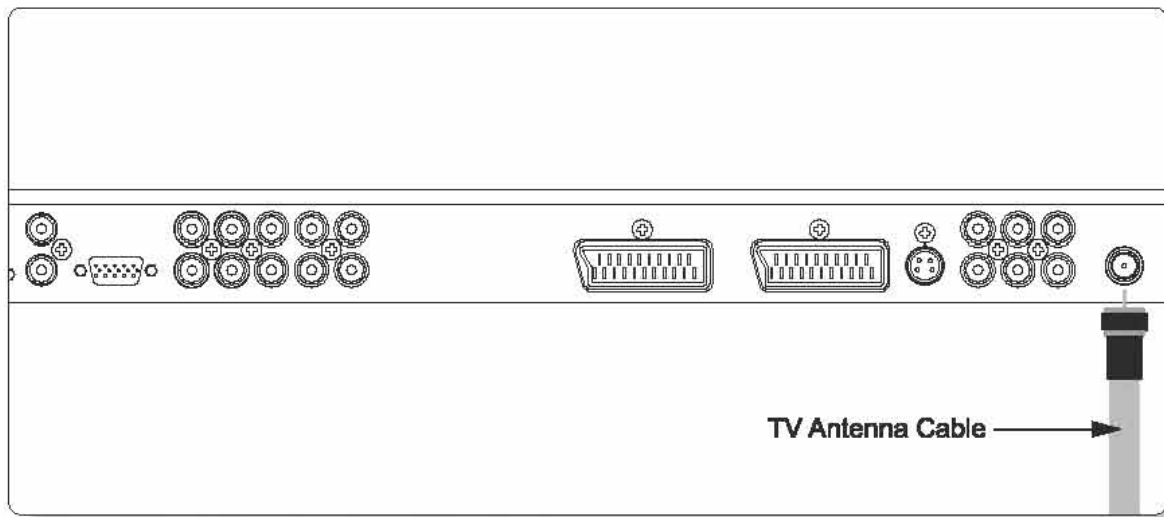
Monitor Installation

● **Installation**

Stand—Table User's Guide

① Insert Stand Bars into the Stand Base
as shown below
② ⓐ—Screw Up(8×18)

Screws

ⓐ

2—8×18

Stand Bar

Stand Bar

ⓐ

ⓐ

Stand Bar

ⓐ

③ Insert a Stand—Table as below
④ ⓑ—Screw Up(4×30)
⑤ ⓒ—Screw Up(4×16)

Screws

ⓑ   ⓒ

2—4×16

2—4×30

Stand Hole

ⓑ ⓒ   ⓑ ⓒ

Insert

Stand Hole

TV Antenna Cable

To watch TV

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 PG+, PG- button or numeric button to change TV programme for your programme selection.

3 Press Pre PG button on the remote control to tune the previous programme.

4 Also, you can tune to cable service provided programmes using the cable box. For further information regarding cable TV service, contact cable TV service provider(s).

Watching VCR

SCART 2 (Euroconnector)

SCART 1 (Euroconnector)

S-Video

AV input

Sound of S-Video/AV
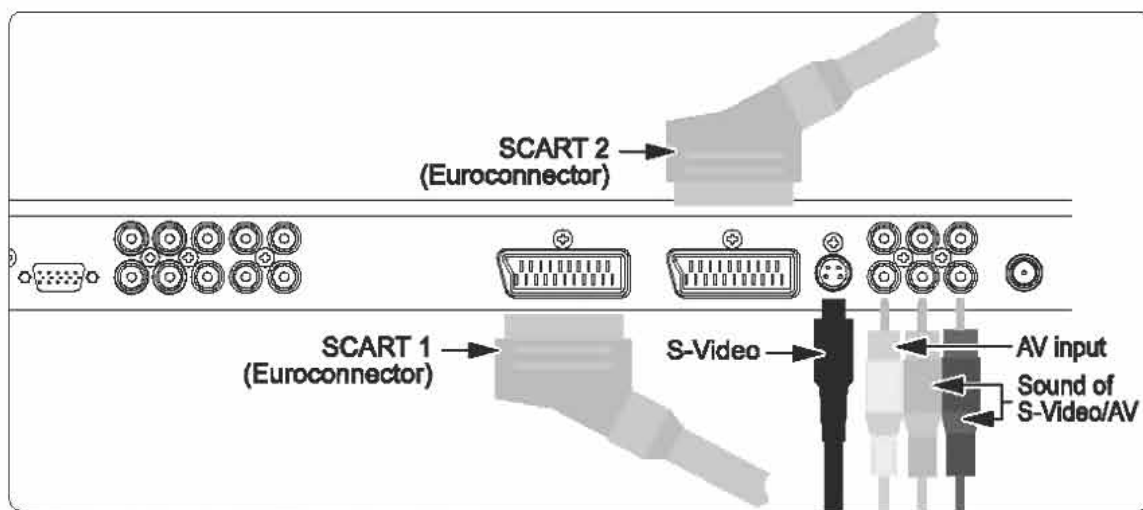
How to connect

With SCART (Eurocable)
Connect a SCART cable to the SCART jacks of the VCR and the PDP.

With S-Video
Connect a S-Video cable to the S-Video jacks of the VCR and the PDP.
Connect L (White), R (Red) sound cable (composite) to the sound jacks of the VCR and the PDP.

With AV input
Connect a composite cable to the AV video jacks of the VCR and the PDP.
Connect L (White), R (Red) sound cable (composite) to the sound jacks of the VCR and the PDP.

To watch 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 key on the VCR.

Notes

- *To avoid picture noise* (interference), leave an adequate distance(over 3m) between the VCR and monitor.
- *When connecting the PDP with external equipments, 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 PDP.*
- *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).*
- **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 programme information is present*

How to connect

- Connect the three separate component video cables to the DVD player's Y, Pb and Pr jacks and to the Component jacks on the PDP.
- 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 PDP.

COMPONENT 1 & SOUND
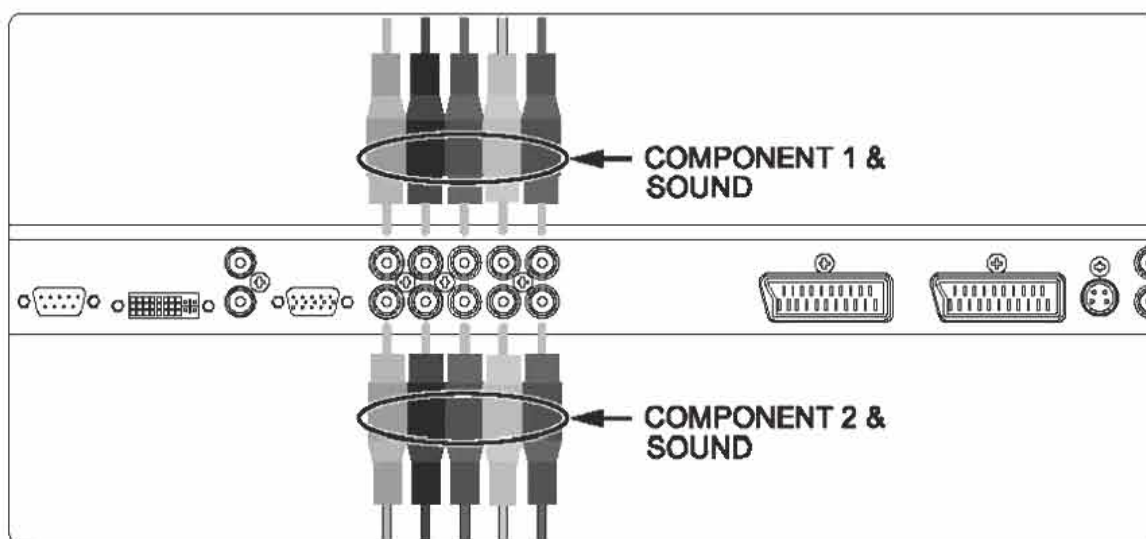
COMPONENT 2 & SOUND

How to use

1 Turn on the DVD player.

2 Press INPUT button on the remote control of the PDP 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		
	Component 1	Component 2
480i/60Hz	O	O
480p/60Hz	O	O
576i/50Hz	O	O
576p/50Hz	O	O
720p/60Hz	O	O
1080i/50Hz	O	O
1080i/60Hz	O	O

Component ports of the Monitor	Y	P_B	P_R

Video output ports of DVD player	Y Y Y Y	Pb B-Y Cb P_B	Pr R-Y Cr P_R

Watching Set Top Box

How to connect

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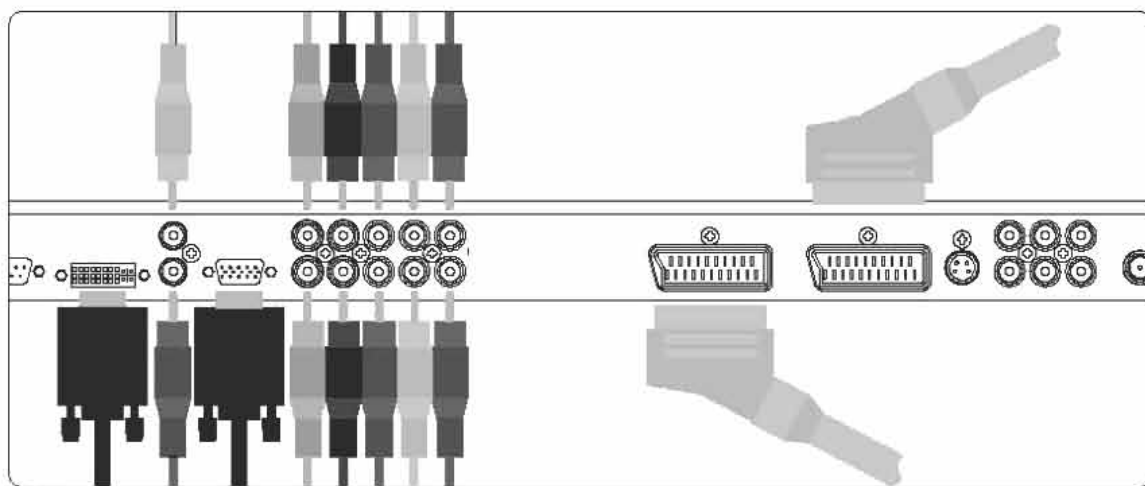
How to use

1. Turn on the Set Top Box.

2. Press INPUT button on the remote control of the PDP and select Component1, Component2, PC or DVI.

Supported Signals				
	Component1	Component2	PC	DVI
480i/60Hz	O	O	O	O
480p/60Hz	O	O	O	O
576i/50Hz	O	O	O	O
576p/50Hz	O	O	O	O
720p/60Hz	O	O	O	O
1080i/50Hz	O	O	O	O
1080i/60Hz	O	O	O	O

How to connect

With SCART (Eurocable)
Connect a SCART cable to the SCART jacks of the STB and the PDP.

With Component
Connect a three separate component cables to the component jacks of the STB and the PDP.
Connect L (White)and R (Red) sound cables (composite) to the sound jacks of the STB and the PDP.
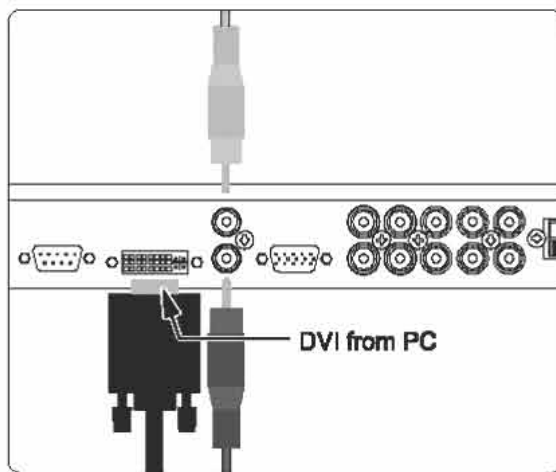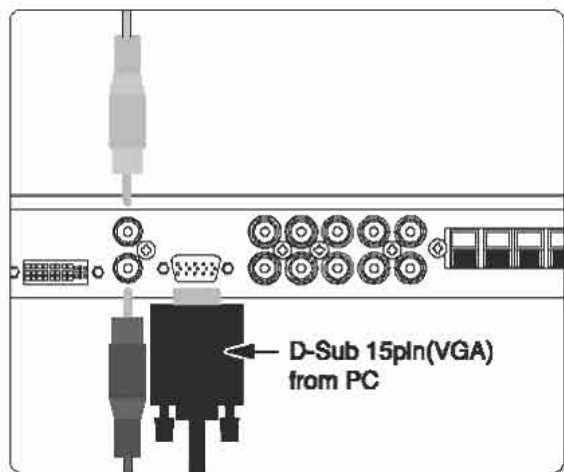
With RGB or DVI
Connect a D-Sub or DVI cable to the AV video jacks of the STB and the PDP.
Connect L (White)and R (Red) sound cables (composite) to the sound jacks of the STB and the PDP.

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

← D-Sub 15pin(VGA) from PC

← DVI from PC

◐ Connecting a PC to the PDP

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

◐ Pin Configuration

15Pin Signal Cable
(based on protruded pin)

◐ Pin Configuration

❶ Turn on the PDP and press INPUT button to select the PC MODE.

❷ Turn on the PC and check for the PC requirements.

❸ Adjust the PC screen in Geometry menu. (See 43 page.)

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	120.00
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 1024	64.000	60.00
1366 x 768	48.387	60.00

* The PC signal is supported by DVI also

Notes

- **Synchronization input form : separate**
- **852 x 480 : 42" Native Resolution**
  Horizontal Polarity is Positive(+)
  Vertical Polarity is Negative(-)
- **1366 x 768 : 50" Native Resolution**
  Horizontal Polarity is Positive(+)
  Vertical Polarity is Negative(-)
- The PDP recognizes 640x480@60Hz signal as 480p DTV signal. (They has almost same frequencies.) So the signal is expanded, please try other signals like 640x480@75Hz.

- The PDP operates abnormally if a non-standard video format is selected.
- 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 PDP.
- The PDP 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 PDP TV On And Off

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

Select Source

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

Source Change
1 TV
2 SCART 1
3 SCART 2
4 S-VIDEO / AV
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 programme Selection

1. Connect the signal source (TV antenna) to TV input. Press TV/Video button on the remote control and select TV on the source list.

2. Use CH +, CH - button or numeric button to change TV programme you want.

3. Press Pre PG button on the remote control to watch the previous programme.

4. Also, you can tune the cable service, provided programmes 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/ENTER button on the remote control to see the main OSD menu.

⊙ EXAMPLE of OSD Menu
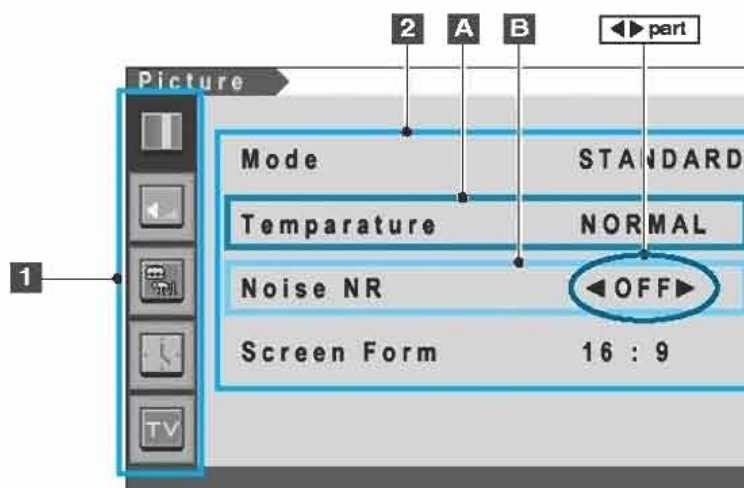
1 Main Menu

Press MENU/ENTER key on the remote control to enter the main OSD menu.
First, select Main menu item you need with CH + & CH- button.
To select a main menu items, just press VOL+ or MENU/VIDEO 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 under menu.
You can enter the under menu and adjust an item you need.
Select sub-menu item with CH + / CH- button on the remote control and press VOL+ or MENU/ENTER 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/ENTER button to set a ◀ ▶ part, and adjust it with CH + / CH- button.

Store TV channels

You can now search for and store the TV channels in two different ways : using Auto Scan or Manual Scan.

⦿ Auto Scan

1 Press **MENU/ENTER** button to display the main OSD menu.

2 Select the TV Main menu.

3 Press **MENU ENTER** to enter the sub menu.

4 Select Auto Scan with **CH +/ CH -** keys and press **MENU/ENTER** key on the remote control. Then there will appear the Auto Scan under menu.

5 Select your country. Then the tuning bar will appear. The scanning will start.
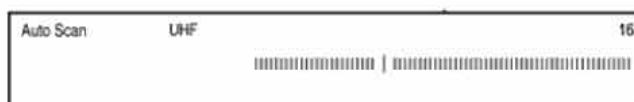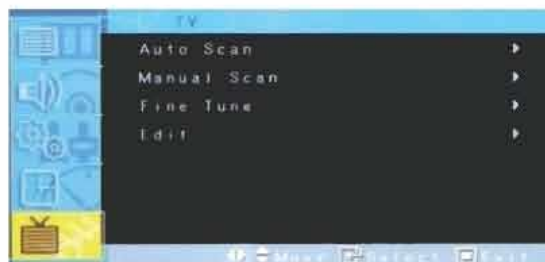
The supported countries are shown as below.

|	
Belgium	Poland
Czech Rep	Sweden
Denmark	Turkey
Germany	Switzerland
England	East Europe
Spain	Others
Finland	
France	
Great Britain	
Greece	
Hungary	
Ireland	
Italy	
Netherlands	
Norway	

Notes

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

CHANNEL (TV)

◐ Manual Scan

1 Press **MENU/ENTER** button on the remote control to display the main OSD menu.

2 Select the TV main menu with **CH +** / **CH** - button on the remote control.

3 Press **MENU/ENTER** button to enter the sub menu.

4 Select Manual Scan with **CH +** / **CH** - button and press **MENU/ENTER** button.

5 Then you can see the tuning bar. PDP will scan from channels to the current channel.
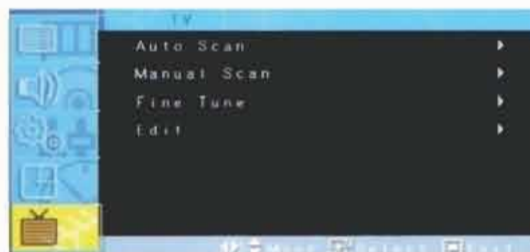
Notes

• Only scanned programmes can be stored as Favorite programmes.

◐ Fine Tune

The Fine Tuning function lets you manually adjust the PDP's tuner if you have difficulty tuning analog Channels.

1 Press **MENU/ENTER** button to display the main OSD menu.

2 Select the TV main menu.

3 Press **MENU/ENTER** to enter the Fine tune sub menu.

4 Select Fine tune with **CH+** / **CH** - button and press **MENU/ENTER** button. Then you can see the adjust bar.

5 Adjust the fine tune with VOL+ or VOL- button.
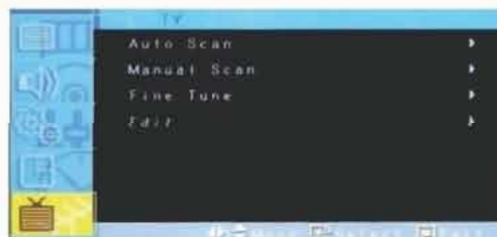
○ Edit Favorite programme List

You can store of your favorite channels for each available input source (such as TV or CATV). Then, when you press the FAVORITE button on the remote control, the PDP display only the favorite channels you previously stored, allowing you to quickly and easily find frequently wanted channels.

1 Press **MENU/ENTER** button to display the main OSD menu.

2 Select the TV main menu.

3 Press **MENU/ENTER** to enter the TV sub menu.

4 Select Edit and press the **MENU/ENTER** button. Then you can see the Favorite programme List.

5 You can select a programme with **CH + / CH -** button on the remote control.
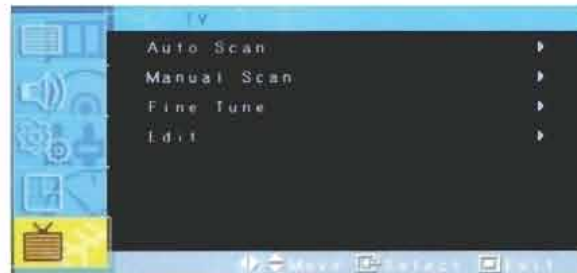
○ TO EDIT THE LIST

You can INSERT, ERASE, SKIP and REPLACE the programmes in the list. Refer to the picture of the remote control below.

○ TO EDIT THE PROGRAMME IN THE LIST

If you want to edit a programme, press **MENU/ENTER** button. Then you can select a field with VOL+/VOL- button. Press **MENU/ENTER** button on the field to edit. Adjust the field with **CH+ / CH-** button. To return, press BACK button.

❶ ERASE
Erase the selected programme from the list.

❷ SKIP
Make the selected programme will be skipped.

❸ INSERT
Insert new list item.

❹ REPLACE
Replace the selected programme with the Current programmes that you're watching.

Notes

• Only scanned channels can be set as Favorite Channels.

Digest

With the Digest function, you can select a TV prgoramme watching 9 programme at once. This function works in TV mode only.

1 Press the DIGEST button on the remote control. Then the digest windows will appear.

2 Press the channel number to watch with the numeric buttons on the remote control. The selected channel will move into the center window.

3 After chosen channel moved into the center window, press the DIGEST button again. Then the digest windows will disappear.
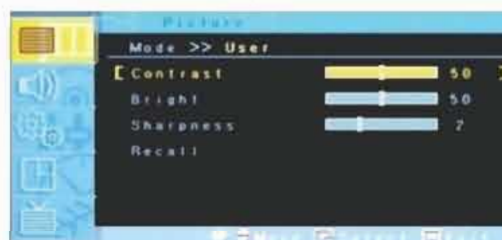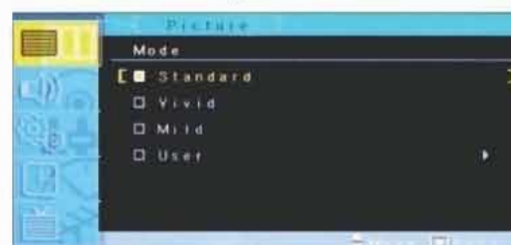
Center Window
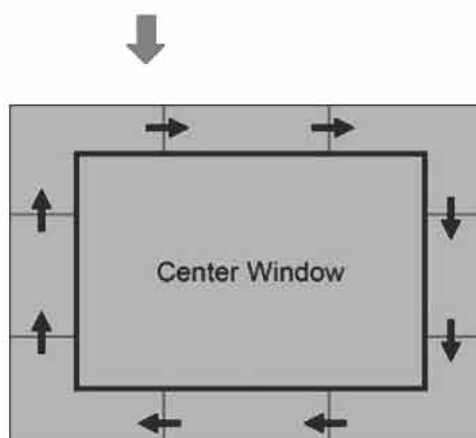
8 side windows are renewed clockwise. Next memorized programme appears in the renewed window.

To choose the programme, press the channel number with the numeric buttons on the remote control.

Mode

Your PDP has 3 automatic factory preset picture settings ("Standard", "Sharp" and "Mild"). You can choose Standard, Vivid or Mild by pressing "Picture" key on the remote control (or by making a selection from the menu). Or you can select USER which automatically recalls your personalized picture settings.

1 Press **MENU/ENTER** button to display the main OSD menu.

2 Select the picture main menu.

3 Press **MENU/ENTER** to enter the sub menu.

4 Select Mode and press **MENU/ENTER** to enter the sub menu. Then the picture sub mode appear.

5 Select the picture mode and press **MENU/ENTER** button.

6 You will see the picture setting bars. Just Press BACK button on the remote control. You can adjust each values of the picture setting, but the changed values are stored as in USER mode.

• **USER** mode require more settings. It has an under menu: See next page.

Notes

• Alternative method : Just press the "Picture" button on the remote control. Each time it is pressed, different mode is selected.
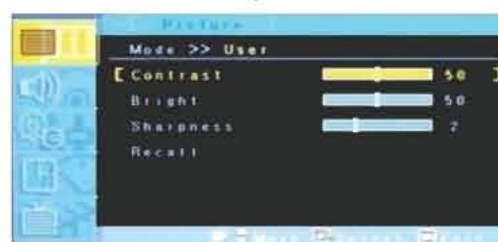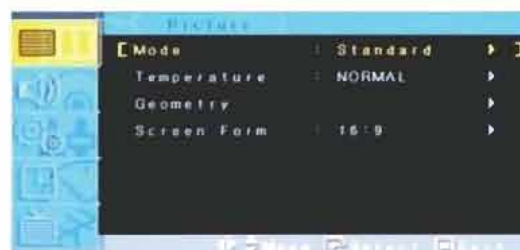
PICTURE

◑ Mode

Your PDP has 3 automatic factory preset picture settings ("Standard", "Sharp" and "Mild"). You can choose Standard, Vivid or Mild by pressing "Picture" key on the remote control (or by making a selection from the menu). Or you can select USER which automatically recalls your personalized picture settings.

1 Press **MENU/ENTER** button to display the main OSD menu.

2 Select the picture main menu.

3 Press **MENU/ENTER** to enter the sub menu.

4 Select Mode and press **MENU/ENTER** to enter the sub menu. Then the picture sub mode appear.

5 Select the picture mode and press **MENU/ENTER** button.

6 You will see the picture setting bars. Just Press BACK button on the remote control. You can adjust each values of the picture setting, but the changed values are stored as in USER mode.

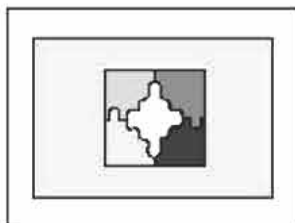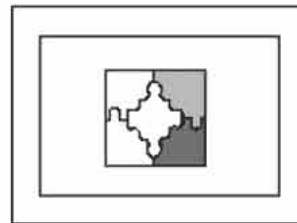• **USER** mode require more settings. It has an under menu: See next page.

Notes

• *Alternative method : Just press the "Picture" button on the remote control. Each time it is pressed, different mode is selected.*

CONTRAST

Adjust brightness difference between bright part of the screen and dark part.
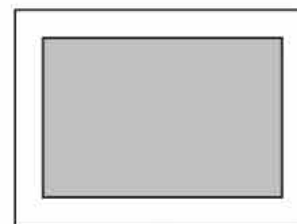
Distinct ◀   ▶ Vague

BRIGHTNESS

Adjust brightness of the screen.

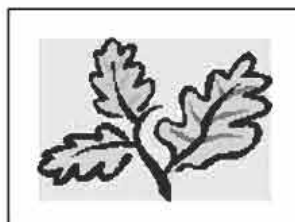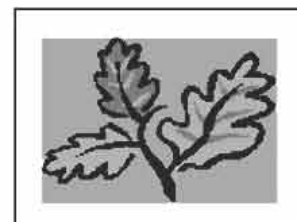Dark ◀   ▶ Bright

COLOR

Adjust deep and light color of the screen.

Decrease ◀   ▶ Increase

SHARPNESS

Adjust vividness of the screen.
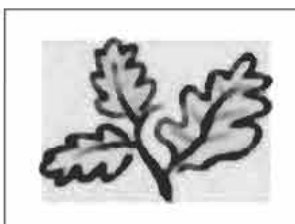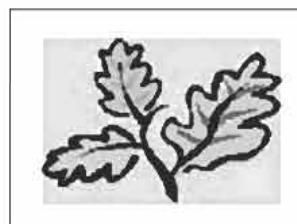
Less sharp ◀   ▶ Sharp

PICTURE

○ Temperature

Your PDP has 5 screen temperatures (color settings):

1 Press **MENU/ENTER** button to display the main OSD menu.

2 Select the picture main menu.

3 Press **MENU/ENTER** to enter the picture menu.

4 Select Temperature and press **MENU/ENTER** to enter the under menu. Then the Picture-Temperature under menu appear.

5 Select the Temperature mode with **CH+/CH-** button and press **MENU/ENTER** button.

6 Press **EXIT** button to return.
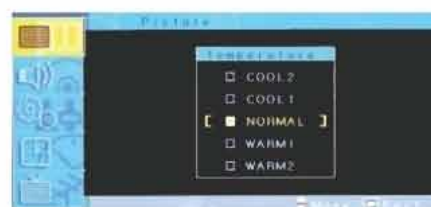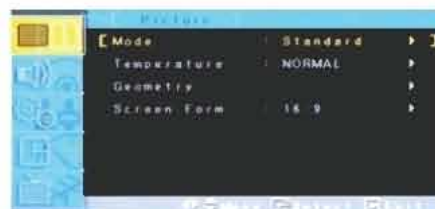
○ WARM 1, 2

Screen seems warm: Strong Red

○ NORMAL

Normal: Factory default.

○ COOL 1, 2

Screen seems cool: Strong Blue

Video NR

This function automatically filters out and reduces the image noise and improves picture quality where receiving weak signals.

1 Press **MENU/ENTER** button to display the main OSD menu.

2 Select the picture main menu item.

3 Press **MENU/ENTER** to enter the sub menu.

4 Select Video NR and press VOL+ button to enter the ◀▶ parts. Then the cursor moves into the ◀▶ parts.

5 Turn on or off Video NR function with **CH+/CH-** button and press **EXIT** button.
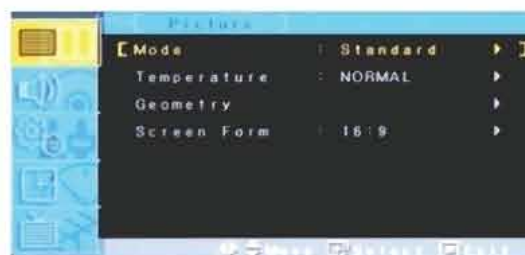
PICTURE

◑ Screen Format

Your PDP has four Screen Formats: 16:9, PANORAMA, ZOOM1, ZOOM2, 4:3.
(For more detail description for these modes, refer to the next page.)

1 Press **MENU/ENTER** button to display the main OSD menu.

2 Select the picture main menu.

3 Press **MENU/ENTER** to enter the picture menu.

4 Select Screen Format and press **MENU/ENTER** to enter the under menu. Then the Screen Format under menu appear.

5 Select the screen format you want and press **MENU/ENTER** button.
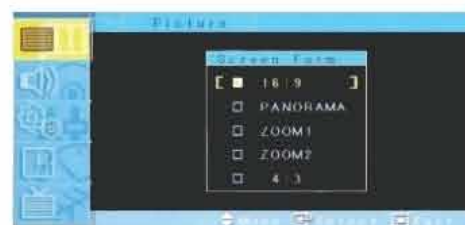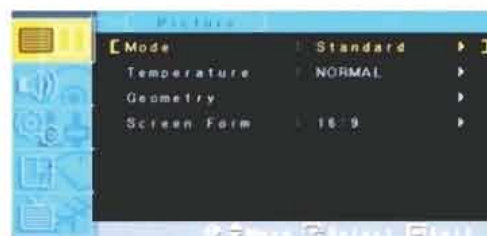
◑ **Screen Format Description**

16 : 9

16:9 video: No change.
4:3 video: Expands 4:3 video signal horizontally to fit the 16 : 9 screen.
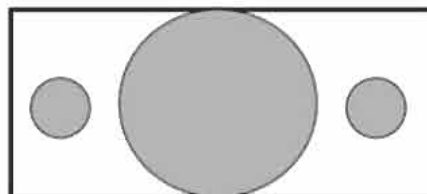
Panorama

16:9 video: No change.
4:3 video: Expands 4:3 video horizontally to fit the 16 : 9 screen and to minimize distortion, sides are expanded more than center.
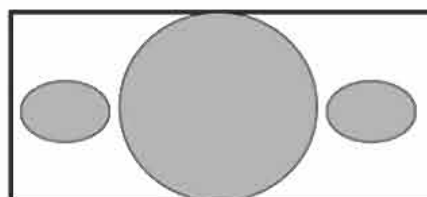
Zoom 1

Expands 16 : 9 mode screen vertically.
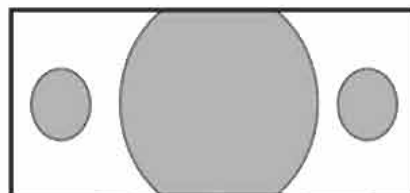
Zoom 2

Expands zoom 1 mode screen vertically.
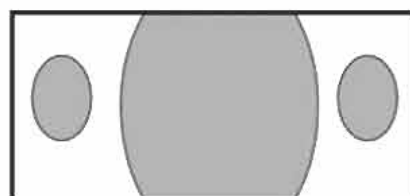
4:3

16:9 video: The image is suppressed.
4:3 video: No expansion. There are gray areas besides the image.
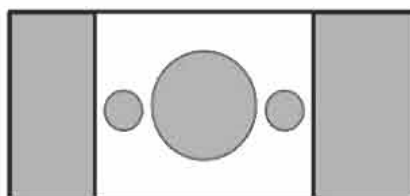
PICTURE (PC)

In PC mode, you can adjust the H,V-Position, Clock and Phase. Also you can adjust them automatically.

● Geometry

You can change H, V-Position, Clock and Phase in PC mode like usual PC monitors. You can also adjust them automatically. (Auto adjust function.)

1 Press **MENU/ENTER** button to display the main OSD menu.

2 Select the picture main menu with **CH+.CH-** button.

3 Press **MENU/ENTER** to enter the sub menu.

4 Select Geometry and press **MENU/ENTER** to enter the under menu. Then the picture Geometry under menu will appear.
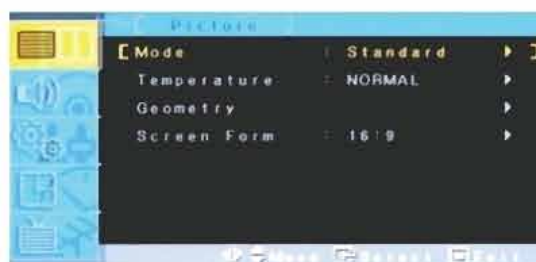
1 Select the item to adjust with **CH+.CH-** button.

2 Press **MENU/ENTER** button.

3 Then the cursor moves on the bar and you can adjust the value with VOL-, VOL+ button.

4 To adjust these items, automatically, select Auto Adjust and press **MENU/ENTER** button.
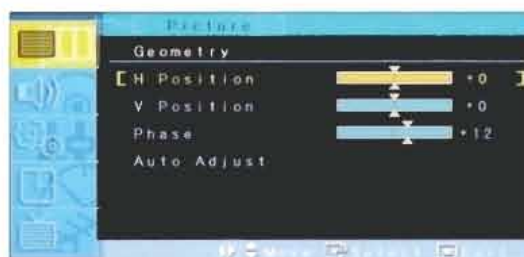
• For more detail description refer to the next page.

H-POSITION

◀   ▶

V-POSITION

◀   ▶

PHASE

Mismatch   Match

CLOCK

Mismatch   Match
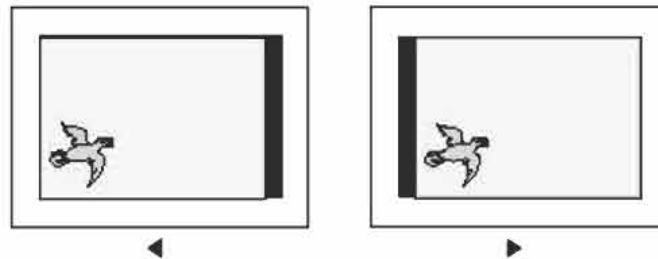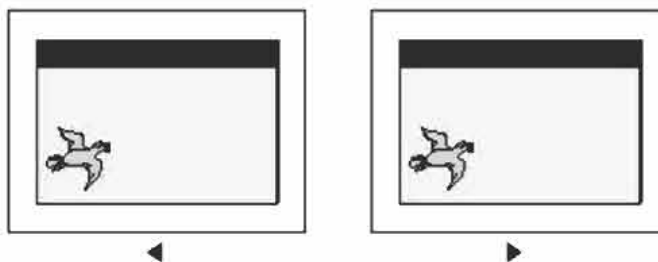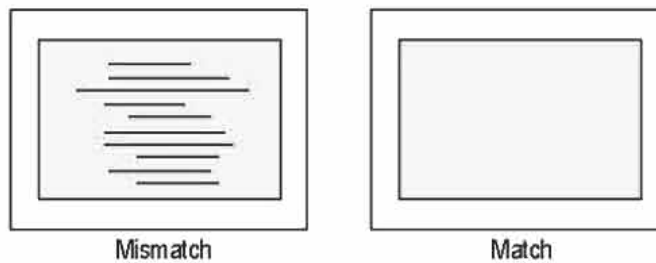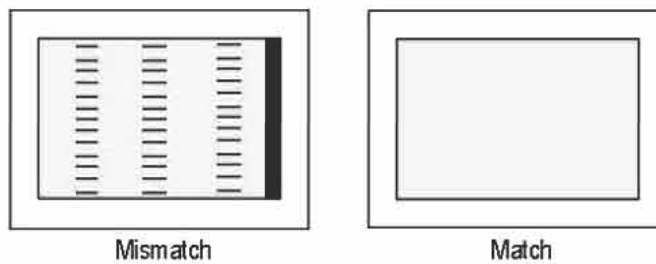
SOUND

In SOUND Menu, you can adjust balance, MTS (Multi-Track Sound), AVC (Auto Volume Control) and select the equalizer settings.

○ Balance

This control allows you to adjust the balance of the left and right speaker output.

1. Press **MENU/ENTER** button to display the main OSD menu.

2. Select the SOUND main menu.

3. Press **MENU/ENTER** to enter the sub menu.

4. Select Balance and press **MENU/ENTER** button.

5. Adjust the balance with VOL-, VOL+ button and press **MENU/ENTER** button.
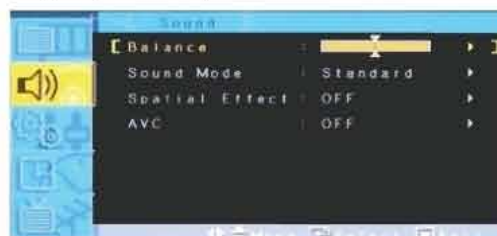
○ Spatial Effect

This function can create surround effect such as the sound seems to come from all directions.

1. Press **MENU/ENTER** button to display the main OSD menu.

2. Select the SOUND main menu item with **CH+/CH-** button.

3. Press **MENU/ENTER** to enter the sub menu.

4. Select Spatial effect and press VOL+ button.

5. Turn on or off Spatial effect function with **CH+/CH-** button and press **MENU/ENTER** button.

○ AVC (Auto Volume Control)

This function adjust sound volume level automatically depending on the source.

1. Press **MENU/ENTER** button to display the main OSD menu.

2. Select the SOUND main menu.

3. Press **MENU/ENTER** to enter the sub menu.

4. Select AVC and press VOL+ button to enter the ◄► parts. Then the cursor moves into the ◄► parts.

5. Turn on or off AVC function with **CH+/CH-** button and press **EXIT** button.

SOUND

⟳ Sound Mode

Your PDP has four automatic sound settings ("Standard", "Movie", "Music" and "News") that are preset at the factory. You can activate either Standard, Movie, Music or News by pressing "SOUND" on the remote control (or by making a selection from the menu) or you can select "Custom" which automatically recalls your personalized sound settings.

1 Press **MENU/ENTER** button to display the main OSD menu.

2 Select the SOUND main menu.

3 Press **MENU/ENTER** button to enter the sub menu.

4 Select Mode and press **MENU/ENTER** button to enter the sub menu. Then the Mode sub menu appear.

5 Select the equalizer setting and press **MENU/ENTER** button.

6 You will see the equalizer bars. Just press **EXIT** button on the remote control. You can adjust each values of equalizer, but the changed values are stored as in USER mode.

• USER mode require more settings. It has sub menu: See next page.
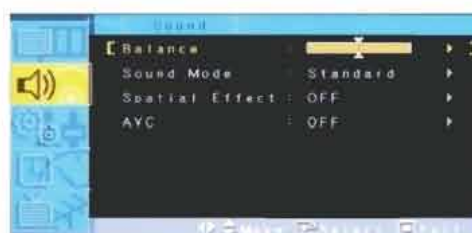
SOUND

⟳ User Adjust

You can use the OSD menu to change the Treble, Bass, Balance and DRC according to your preference.

1 equalizer menu appear when you select USER mode.

2 Select a gain bar with VOL+, VOL- button on the remote control and adjust it with **CH+/CH-** button.

3 Press **EXIT** or **EXIT** button on the remote control to exit equalizer. The result will be saved automatically.

Select **USER** mode (Previous page)

ⓈS.MODE

Select sound signal format from the input source. There are Mono, Stereo, NICAM and Bilingual sound formats.

1 Press **MENU/ENTER** button to display the main OSD menu.

2 Select the SOUND main menu with CH+ / CH- button on the remote control.

3 Press **MENU/ENTER** to enter the sub menu.

4 Select **SOUND** and press **MENU/ENTER** to enter the sub menu. Then the MTS sub menu appear.

5 Select the **SOUND** format with CH+/CH- and press **MENU/ENTER** button.

• The available sound formats are displayed. Usually, you can see Mono and Stereo.

Notes

• NICAM: A Digital stereo sound format for analog TV from BBC. If a channel transmit NICAM sound signal, you can hear high quality digital stereo sound.
The PDP recognize NICAM automatically.

SET UP

In SET UP menu, you can adjust the transparency of the OSD menu and set PIP and others.

◑ Translucent

Adjust the transparency of the OSD menu. There are 8 step from OFF to 7.

1 Press **MENU/ENTER** button to display the main OSD menu.

2 Select the SET UP main menu with **CH +**. **CH -** button on the remote control.

3 Press **MENU/ENTER** button to enter the sub menu.

4 Select Translucent and press VOL+ button to enter the ◀▶ parts. Then the cursor moves into the ◀▶ parts.

5 Adjust with **CH + & CH-** button and press EXIT button.

○ PIP (Picture In Picture)

You can watch two programmes or sources at the same time. And set up PIP size and position

1 Press **MENU/ENTER** button to display the main OSD menu.

2 Select the SET UP main menu with **CH +** **CH -** button on the remote control.

3 Press **MENU/ENTER** buttonto enter the sub menu.

4 Select PIP and press **MENU/ENTER** buttonto enter the sub menu. Then the PIP sub menu appear.
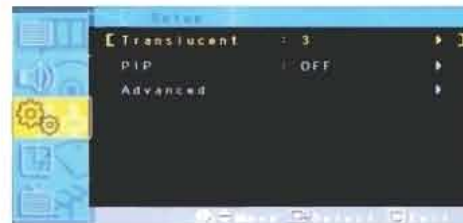
PIP Window

○ Size in PIP (Picture In Picture)

Change the size of the PIP window. There are 3 sizes: SMALL, Large, Twin

1 Select Size and press VOL+ button to enter the ◀▶ parts. Then the cursor moves into the ◀▶ parts.

2 Adjust size function with **CH + & CH -** button and press **MENU/ENTER** button.

| SMALL | LARGE | TWIN |

Caution

• Burn protection function is not working in the PIP window. So do not use PIP mode for a long time to avoid image sticking.

SET UP

◑ Source in PIP (Continued from 50 page)

Change the source of the PIP window.

1 Select Source and press **MENU/ENTER** to enter the sub menu. Then the PIP sub menu appear.

2 The available sources will be displayed. Select the source and press **MENU/ENTER** button.

This picture is an example.
The displayed sources may
be different depending on
the main input source.

Main PIP	TV	SCART1	SCART2	S-Video/AV	Componet1	Componet2	PC	DVI
TV	O	O	O	O	O	O	O	O
SCART	O	X	O	O	O	O	O	O
SCART 2	O	O	X	O	O	O	O	O
S-Video	O	O	O	X	O	O	O	O
Component1	O	O	O	O	X	X	X	X
Component2	O	O	O	O	X	X	X	X
PC	O	O	O	O	X	X	X	X
DVI	O	O	O	O	X	X	X	X

◑ Picture Swap in PIP (Picture In Picture)

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

• Select Picture Swap and press **MENU/ENTER** button.

Position in PIP (Continued from 50 page)

Change the position of the PIP window.

1 Select Position with **CH + / CH -** button on the remote control and press Menu/Set to enter the sub menu. Then the PIP sub menu appear.

2 In Sub Menu, there are four positions. Select the position with **CH + / CH -** button on the remote control and press **EXIT** button.
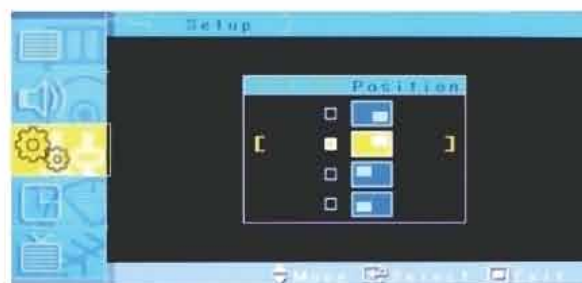
Right Down

Right Up

Left Up

Left Down

SET UP

◑ Advanced

You can se up ID, Burn Protect, Blue Back, Language and Child Lock in Advanced Menu.

1 Press **MENU/ENTER** button to display the main OSD menu.

2 Select the SET UP main menu with **CH+ CH-** button on the remote control.

3 Press **MENU/ENTER** to enter the sub menu.

4 Select Advanced and press **MENU/ENTER** to enter the Advanced menu. Then the PIP sub menu appear.
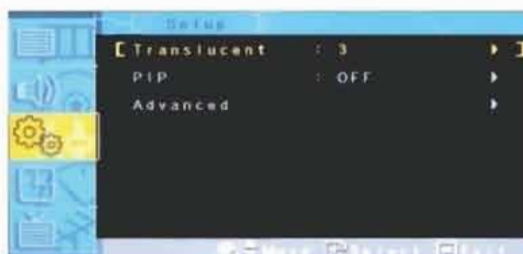
◑ Set ID in Advanced

Set the ID of PDP for mass-controlling through the serial port.

Do not use this function it is only for service!

○ Burn Protect in Advanced

PDP may be damaged from displaying a static image long time (over 30 minute). It is called as image sticking, and Burn protect function moves image regularly to relieve image sticking.
You can set the moving range of the Burn Protection function (How much the image will move.).
Burn Protection function moves image 1 pixel per 2 minute, and after moving the set range, image starts to go back to the original position.

1 Select Burn Protect menu and press VOL+ button to enter the ◀▶ parts. Then the cursor moves into the ◀▶ parts.

2 Turn the function on or off with **CH+ and CH-** button and press **EXIT** button.
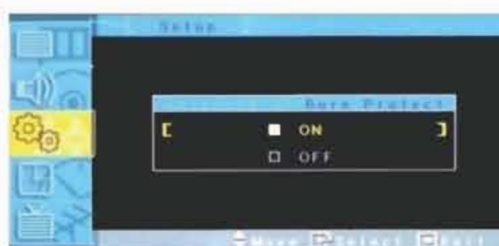
○ Blue Back in Advanced

You can set to display blue-color screen instead of noise screen.

1 Select Blue Back and press VOL+ button to enter the ◀▶ parts. Then the cursor moves into the ◀▶ parts.

2 Turn the function on or off with **CH + / CH-** button and press **EXIT** button.

SET UP

◯ Language in Advanced

Set the language to use in OSD.
Supported languages are English, French, German, Spanish, Italian.

1 Select language and press VOL+ button to enter the ◄► parts. Then the cursor moves into the ◄► parts.

2 Choose the Language with **CH + and CH -** button and press **EXIT** button.

◯ Child Lock in Advanced

Lock the OSD panel of the PDP monitor. It can protect the PDP monitor from children's power on/off or other operation by miss.

1 Select Child Lock and press VOL+ button to enter the ◄► parts. Then the cursor moves into the ◄► parts.

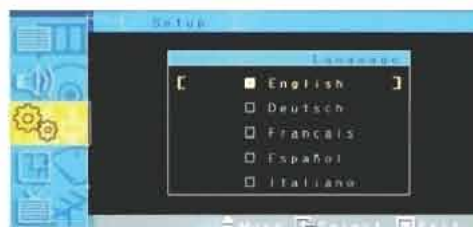**2** Turn the function on or off with **CH + and CH -** button and press **EXIT** button.

In the TIME menu, you can set the current time and auto power on / off.

◑ Time Set

Set the current time.

1 Press **MENU/ENTER** button to display the main OSD menu.

2 Select the TIME main menu.

3 Press **MENU/ENTER** to enter the sub menu.

4 Select Time Set by pressing VOL+ button.

5 Move the cursor by pressing VOL-, VOL+ button and adjust time by **CH+ and CH-** button.

◑ On Time

This PDP can be set to turn on automatically at specific time that you choose. Before using the timer, you must set the PDP's Time as described previously.

1 Press **MENU/ENTER** button to display the main OSD menu.

2 Select the TIME main menu with **CH + / CH-** button on the remote control.

3 Press **MENU/ENTER** to enter the sub menu.

4 Select On Time with **CH+ /CH-** button and press VOL+ button.

5 Move the cursor by VOL-, VOL+ button and adjust time by **CH + / CH -** button.

On Time   AM 05:11 ON — Activated

Item Name   Auto power-on time

TIME

On Channel

Set the channel when PDP power turn on automatically.

> • Available only when the Time is set and On Time is ON.

1 Press **MENU/ENTER** button to display the main OSD menu.

2 Select the TIME main menu with **CH + / CH -** button on the remote control.

3 Press **MENU/ENTER** to enter the sub menu.

4 Select On Channel.

5 Enter to the ◄► part with VOL+ button. Then the cursor moves into the ◄► parts.

6 Adjust the channel with **CH + / CH -** button. Press **EXIT** button to return.

On Volume

Set the sound volume level when PDP power on automatically.

> • Available only when the Time is set and On Time is ON.

1 Press **MENU/ENTER** button to display the main OSD menu.

2 Select the TIME main menu with **CH + / CH -** button on the remote control.

3 Press **MENU/ ENTER** to enter the sub menu.

4 Select On Volume.

5 Enter to the ◄► part by pressing VOL+ button. Then the cursor moves into the ◄► parts.

6 Adjust the sound volume level with **CH + / CH -** button.

In the TIME menu, you can set the current time and auto power on / off.
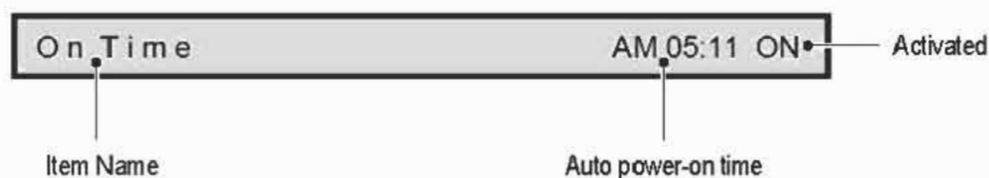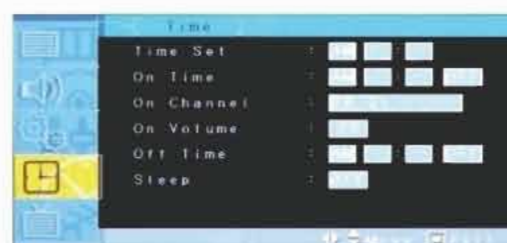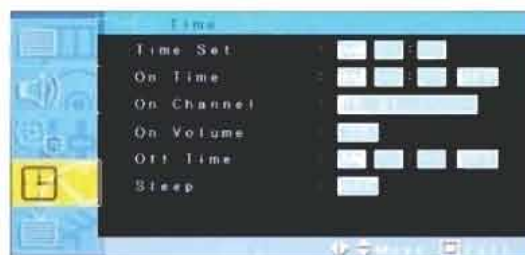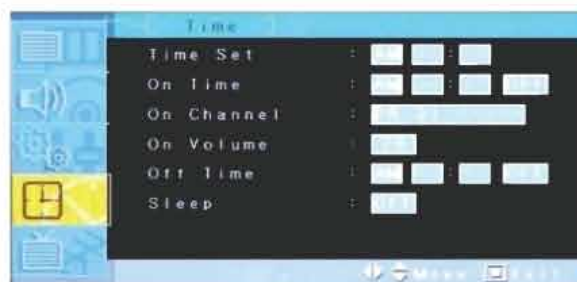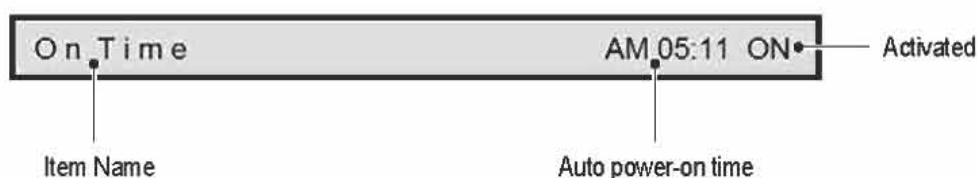
◐ Time Set

Set the current time.

1 Press **MENU/ENTER** button to display the main OSD menu.

2 Select the TIME main menu.

3 Press **MENU/ENTER** to enter the sub menu.

4 Select Time Set by pressing VOL+ button.

5 Move the cursor by pressing VOL-, VOL+ button and adjust time by **CH+ and CH -** button.

◐ On Time

This PDP can be set to turn on automatically at specific time that you choose.
Before using the timer, you must set the PDP's Time as described previously.

1 Press **MENU/ENTER** button to display the main OSD menu.

2 Select the TIME main menu with **CH + / CH-** button on the remote control.

3 Press **MENU/ENTER** to enter the sub menu.

4 Select On Time with **CH+ /CH-** button and press VOL+ button.

5 Move the cursor by VOL-, VOL+ button and adjust time by **CH + / CH -** button.

O n Time   AM 05:11 ON ● ─── Activated

Item Name   Auto power-on time

TELETEXT

Teletext On / Mix / Off

You can switch on and off teletext function by pressing TEXT button on remote control.

TOP text

The user guide displays four fields - red, green, yellow and blue - at the bottom of the screen. The yellow field denotes the next group and the blue field denotes next block.

• **Block / Group / Page Selection**
  - With the blue button you can move block to block
  - Use the yellow button to proceed to the next group with automatic overflow to the next group.
  - With the green button, you can go to the next exiting page. (Use **CH +** button as alternate).
  - With the red button, you can go to the previous page.(Use **CH -** button as alternate)

    • You can go to the page by pressing the NUMBER button on the remote control

FASTEXT

The teletext pages are color coded along the bottom of the screen and are selected by pressing the corresponding colored button. Press index key to select the index page. You can go to a page by pressing the NUMBER button on remote control. You can move a page by pressing **CH + or CH -** button to select the page you want to see.

Move key : Move the position of PIP window

Left Up   Right Up(Start)

Left Down   Right Down

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

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

SMALL   LARGE   TWIN

Source key : Change the source of the PIP window.

Troubleshooting

Before you call a service technician, please scan this list of problems and possible solutions. It may save you time and money.

Problem	Quick Action for Possible Solution
No picture & No sound	Check whether the Monitor is turned on. Power cord inserted into wall outlet? Plug another product's power cord into the wall outlet where the Monitor's power cord was plugged in.
Picture OK & No sound	Press the VOLUME(▶) button. Check the audio input signal.
The remote control doesn't work	Check to see if there is any object between the Plasma Display and the remote control causing obstruction. Check to see if the batteries are installed with the correct polarities.
Digital broadcasting screen problem	Check the digital signal strength and input antenna.
No or Poor color or Poor picture	Select Color in the Picture and press VOLUME (▶) button. Keep a certain distance between the Monitor and the VCR. Activate any function to restore the brightness of the picture. Check to see that both the monitor and the source are plugged in and turned on.
The image is too light or too dark	Adjust the Brightness or Contrast settings.
The image is too large or too small	Adjust the Size settings.
No output from one of the speakers	Adjust Balance in the Sound Menu.
Strange sound form the Monitor	Typical sound due to normal Monitor operation, Monitor is not faulty.