TECHVIEW

SEARS Model No. 75223

OWNER'S MANUAL

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Important Safety Information

WARNING	HIGH VOLTAGE
The violation of this instruction may cause serious injuries and even death.	RISK OF ELECTRIC SHOCK.
	DO NOT OPEN.

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.

WARNING

This is a 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.

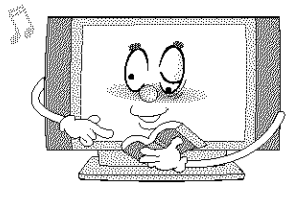
FCC NOTICE

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 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 :

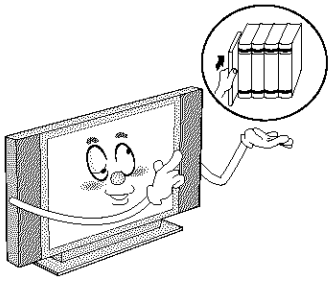
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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 ground shielded signal cables.

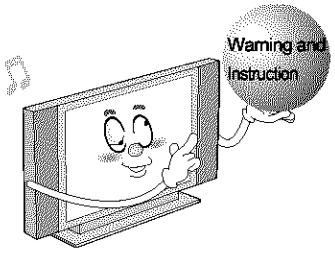
Always be careful when using your Monitor. To reduce the risk of fire, electrical shock, and other injuries, keep these safety precautions in mind when installing, using, and maintaining your machine.



Read all safety and operating instructions before operating your Monitor.

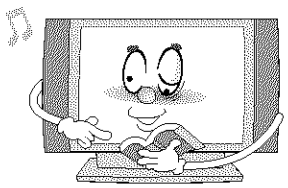


Keep the safety and operating instructions for future reference.

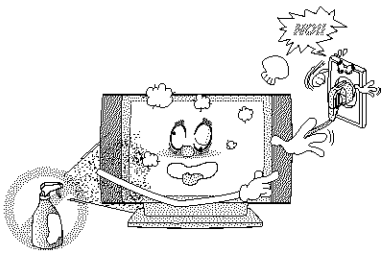


Read all warnings on the Monitor and in the operating instructions.

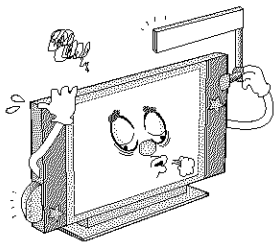
Important Safety Information



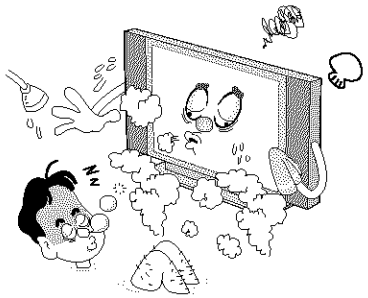
Follow all operating and use instructions.



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.

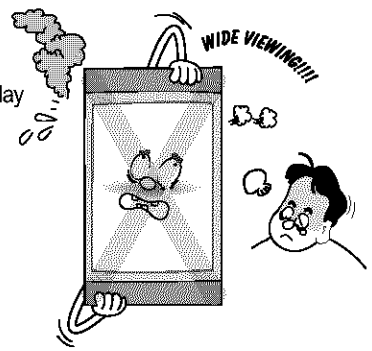


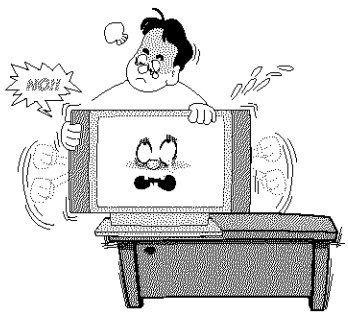
Do not use the Monitor where contact with or immersion in water is a possibility, such as near bath tubs, sinks, washing machines, swimming pools, etc.

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. Follow the manufacturer's instruction.

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).

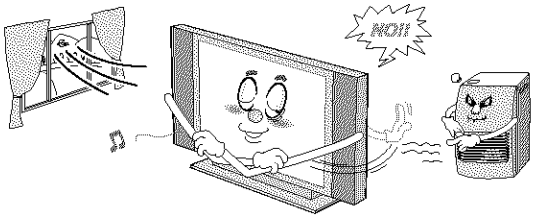




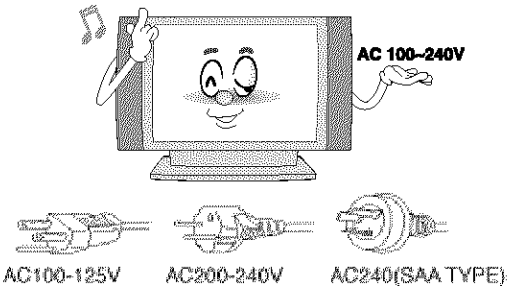
When installing the Monitor on a table, be careful not to place at the edge of its stand.

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

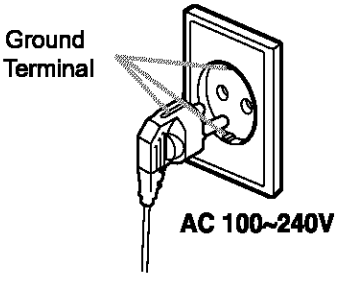
Important Safety Information



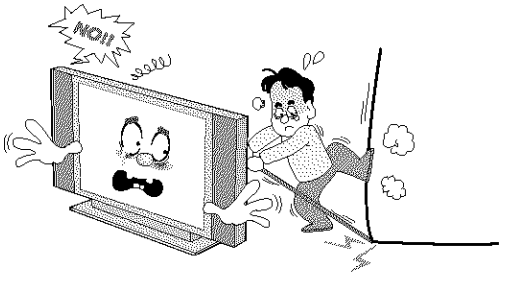
Provide ventilation for the Monitor. The unit is designed with slots in the cabinet for ventilation to protect it from overheating. Do not block these openings with any object, and do not place the Monitor on a bed, sofa, rug, or other similar surface. Do not place it near a radiator or heat register.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



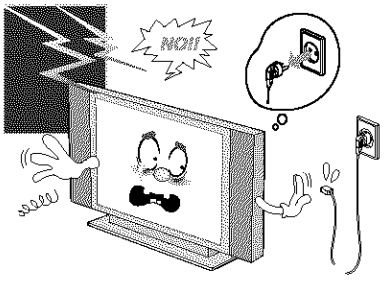
Use only the accessory cord designed for this product to prevent shock. The power supply voltage rating of this product is AC100-240V and the power cord attached conforms to the above power supply voltage. Use only the power cord designated by our dealer to ensure Safety and EMC. When it is used by other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



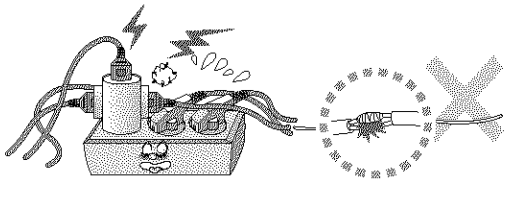
Use only a grounded or polarized outlet. For your safety, this Monitor is equipped with a polarized alternating current line plug having one blade wider than the other. This plug will fit into the power outlet only one way. If you are unable to insert the plug fully into the outlet, try reversing the 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.

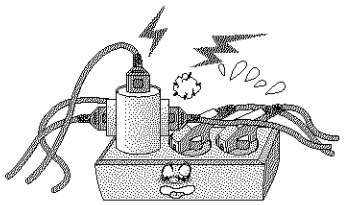


Unplug the Monitor from the wall outlet and disconnect the antenna or cable system during a lightening storm or when left unattended and unused for long periods of time. This will prevent damage to the unit due to lightening and power-line surges.

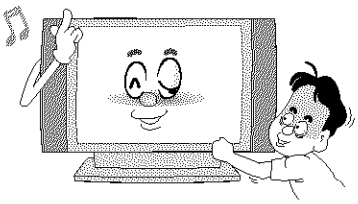


Protect the power cord. Power supply cords should be routed so that they won't be walked on or pinched by objects placed on or against them. Pay particular attention to cords at plugs, convenience receptacles, and the point where they exit from the unit.

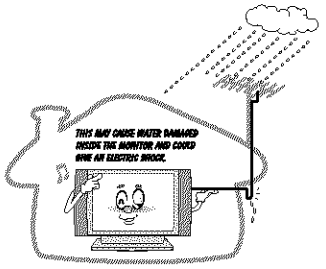
Important Safety Information



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



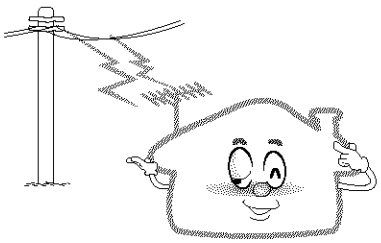
Do not insert anything through the openings in the unit, where they can touch dangerous voltage points or damage parts. Never spill liquid of any kind on the Monitor.



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

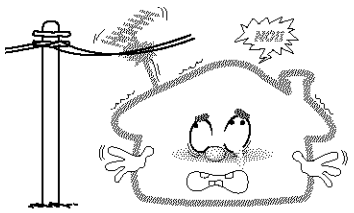
- This may cause water damaged inside the Monitor and could give an electric shock.

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 and electric shock.



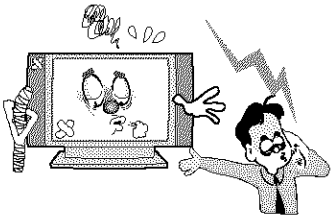
There should be an enough distance between an outside antenna and power lines to keep the former from touching the latter even when the antenna falls.

- This may cause an electric shock.

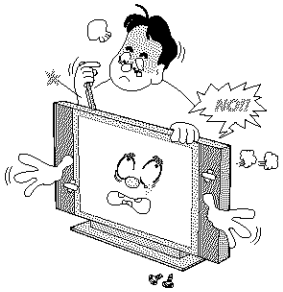
Do not attempt to service the Monitor yourself. Refer all servicing to qualified service personnel. Unplug the unit from the wall outlet and refer servicing to qualified service personnel under the following conditions:

- when the power-supply cord or plug is damaged
- if liquid has been spilt 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

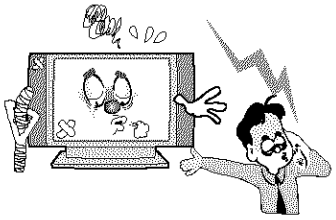
Important Safety Information



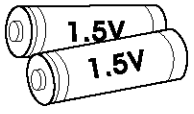
When replacement parts are required, be sure the service technician use replacement parts specified by the manufacturer or those that have the same characteristics as the original part. Unauthorized substitutions may result in additional damage to the unit.



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.

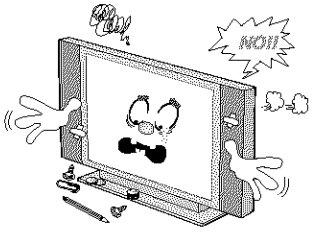


If you make adjustments yourself, adjust only those controls that are covered by the operating instructions. Adjusting other controls may result in damage and will often require extensive work by a qualified technician to restore the Monitor to normal.



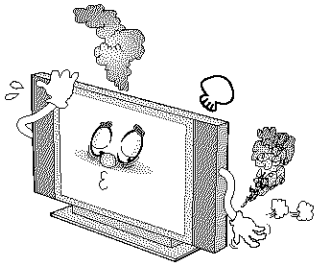
Use only the specified batteries.

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



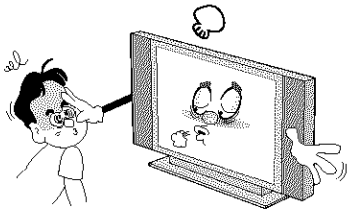
Do not place anything containing liquid on top of the Monitor.

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



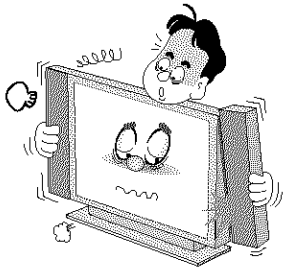
In case of smoke or strange smell from the Monitor, switch it off, unplug it from the wall outlet and contact your dealer or service center.

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



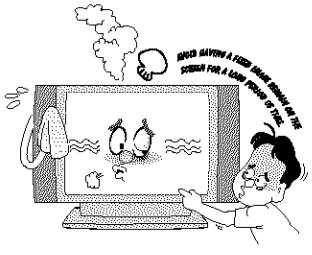
The recommended viewing distant is 5~7 times farther out than the diagonal length of the screen.

- If not, eyes may strain.



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

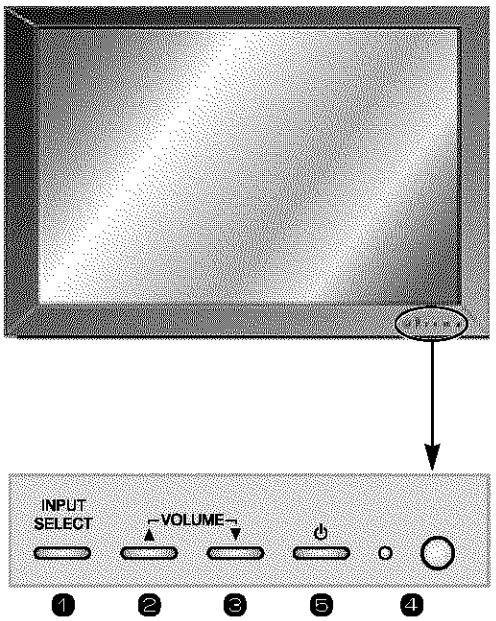
- This may cause the Monitor to fall, causing serious injury to a child or adult, and serious damage to the Monitor.



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.

OSD Button

<Front Panel>



OSD Button & Function

1. Input Signal Source Select
2. Audio Volume Up
3. Audio Volume Down
4. Remote Sensor & Power Indicator
5. Power (Stand By)

OSD Key Function

SELECT

Select the signal source from multiple input source such as TV, AV1, AV2, S-Video, Component, Analog RGB and DTV YPbPr.

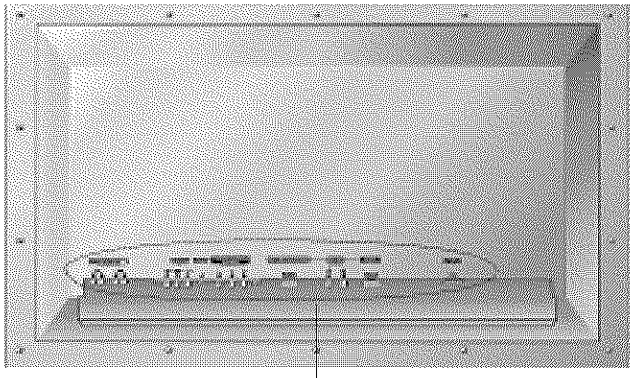
VOL- / VOL+

Change the audio level in normal display mode and move the scroll bar in Volume control menu.

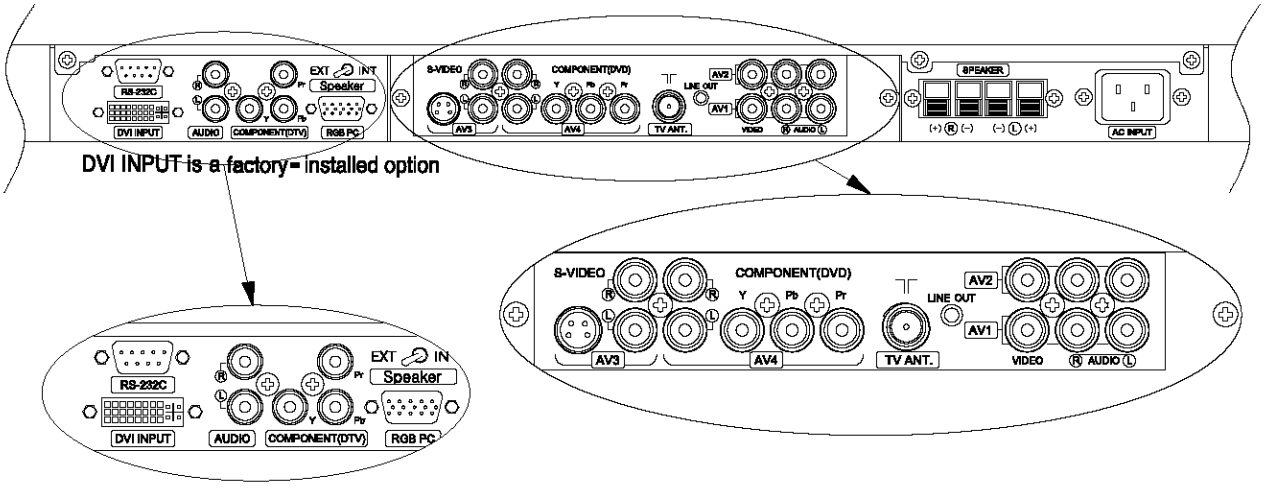
POWER

Turn on and off the main power.

Connecting To External Equipment



Back panel of the Monitor



DVI INPUT is a factory-installed option

RS-232C INPUT CONTROL TERMINAL

Control the monitor's functions externally by external equipment. Connects to the computer RS-232C output terminal.

DVI INPUT(Optional)

Connect DVI Computer Source (Digital Signal) here. Contact your dealer for buying optional item.

AUDIO INPUT TERMINAL

Connect to the audio output terminal of a VCR, DVD or similar source of device.

RGB PC INPUT TERMINAL (VGA/SVGA/XGA)

Connects to the computer's analog RGB.

S-Video Input Terminal

Connects to a S-Video output terminal of a S-VHS VCRs or DVD players.

Component Input(DVD) 480i

Connects to a component output terminal of a DVD player.

Component Input(DTV Y, Pb, Pr) 480p, 720p, 1080i

Connects to a component output terminal of a DVD player or HD Set-Top Box.

TV Antenna Terminal

Connects to an antenna cable.

Line Out

Fixed Level Audio signal output to external audio amplifier(optional) or Headphones(Optional).

Composite Input Terminal(AV1, AV2)

Connects to a composite output terminal of VCRs or DVD players.

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.

Toggle Switch

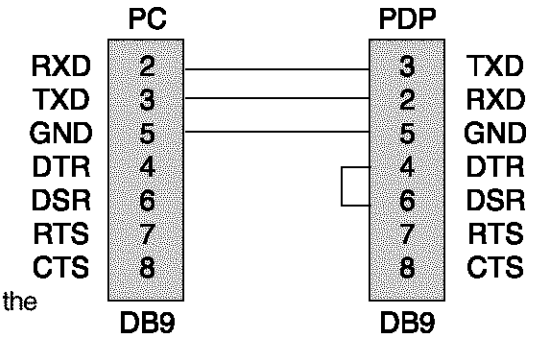
Audio out controller to internal or external.

Connectors	
AUDIO INPUT	RCA Pin Jack
VIDEO INPUT	RCA Pin Jack
S-VIDEO INPUT	Pin Did
COMPONENT VIDEO INPUT	BNC
RGB INPUT	15-pin D-sub
RS-232C	9-pin D-sub

•When connecting separately purchased BNC terminals, conversion connectors are required between the pin jacks and the BNC terminals.

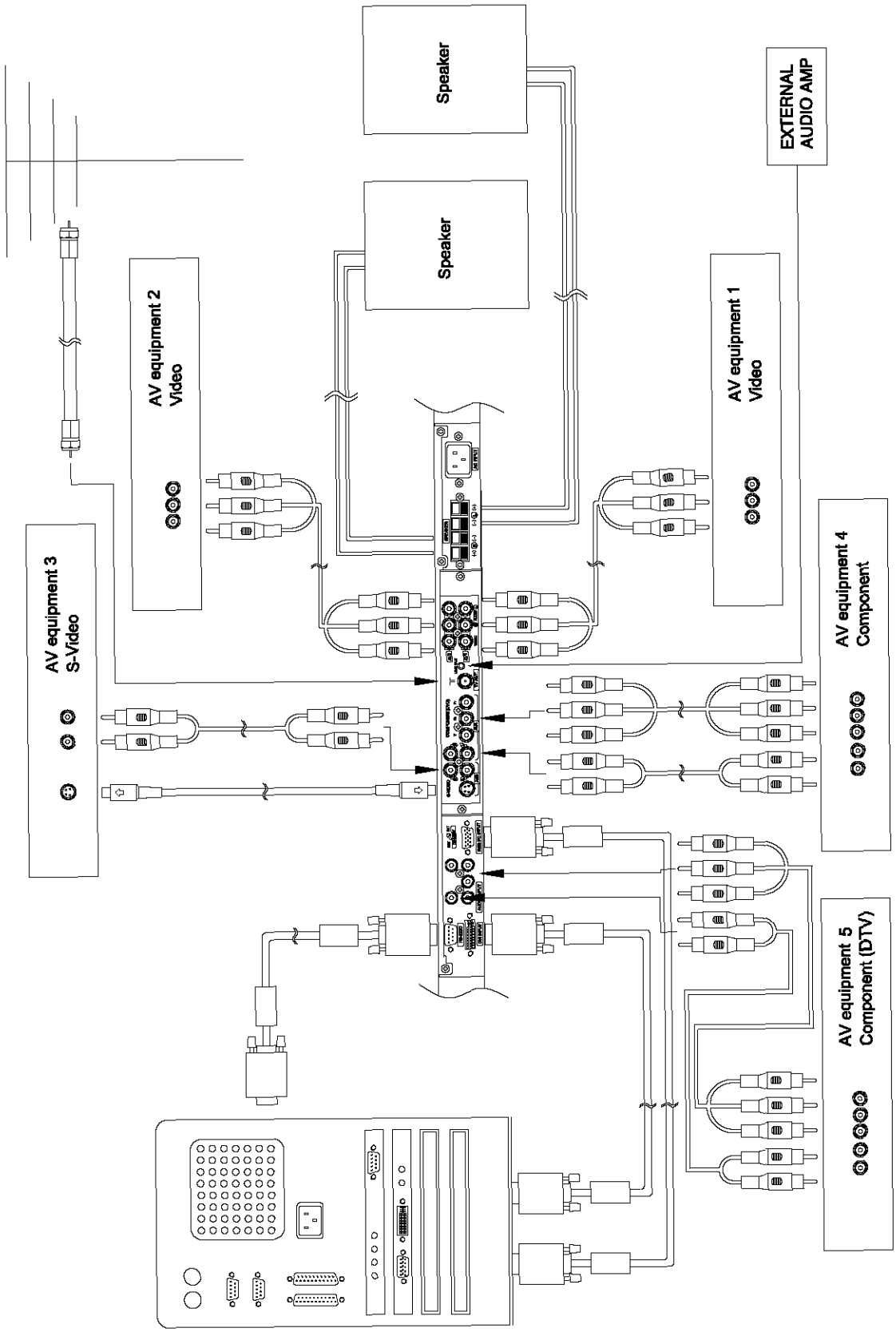
RS-232C Configurations

3- wire configuration (Non standard)

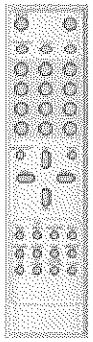


• Cables connecting PC's may vary depending on the PC types.

Overview Of Your New PDP



Accessories



Remote Control Handset

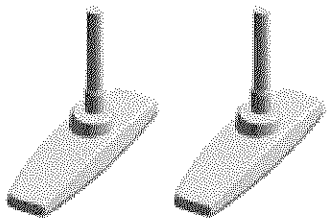
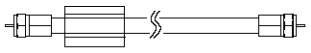
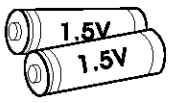


Table Stand
(Separated Type)



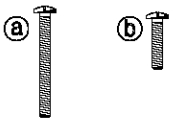
Shielded

Power Cord



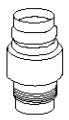
Alkaline Batteries (AAA)

Owner's Manual



4*30 : 2EA 4*16 : 2EA

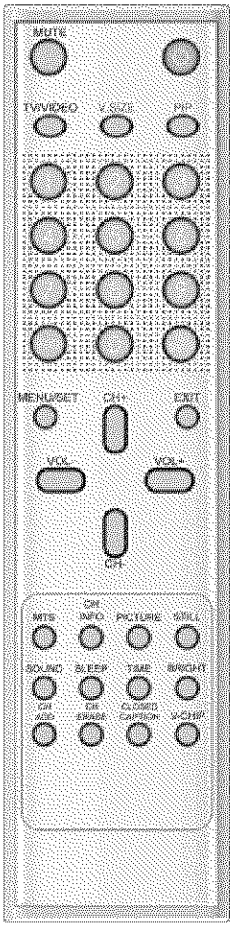
Screw



F Type Connector

Features Of The Remote Control

When using the remote control, always point it directly at the IR sensor of Plasma monitor.



MUTE
Mute on / off

POWER
Turn the main power on and to stand by

TV / VIDEO
Select the signal source from multiple input source of TV, AV1, AV2, S-Video, Component, Analog RGB and DTV YPbPr

V.SIZE
Change the image settings, ie; 16:9, 4:3, etc.

PIP(Picture-in-picture)
Activate PIP function on PC for DTV Mode

Number key
Input channel number

PRE PG
Jump back to previous TV channel

MENU / SET
Activate the OSD window, enter the sub-menu

EXIT
Exit from the current OSD menu or sub-menu

CH+ / CH-
Change channels on TV mode, up or down

VOL+ / VOL-
Change the audio level, increase or decrease

MTS
Multi Channel Television Stereo. Select audio out mode to stereo, mono or Secondary Audio Program(SAP)

CH INFO
See information for selectecd channel

PICTURE
Choose three different modes of picture settings

STILL
Activate the temporary image freeze feature

SOUND
Choose the best appropriate audio environment

SLEEP

Set TV timer for 30 min, 60 min, 90 min and 180 min

TIME
Set clock for sleep mode

BRIGHT
Choose one of the five different setting modes ; Brightness, Contrast, Color and Sharpness.

CH ADD
Add TV channels to preset

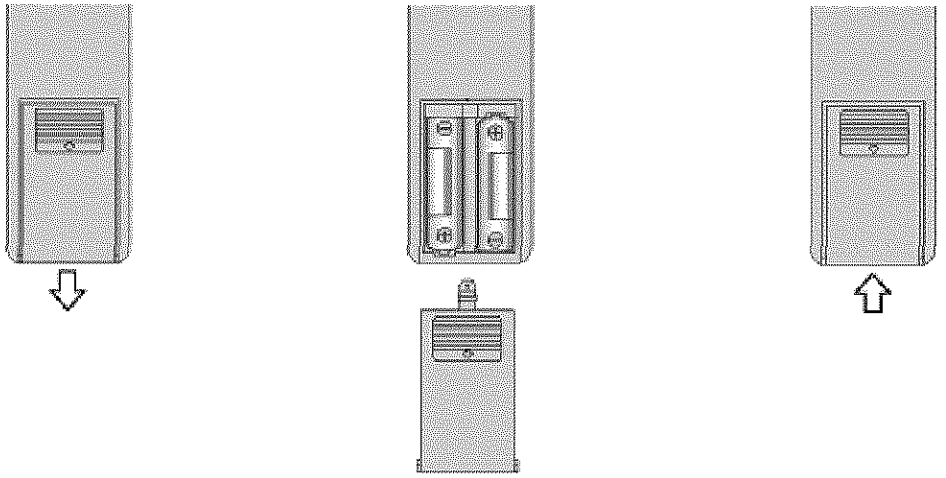
CH ERASE
Erase TV channels to preset

CLOSED CAPTION
Turn on the closed caption function

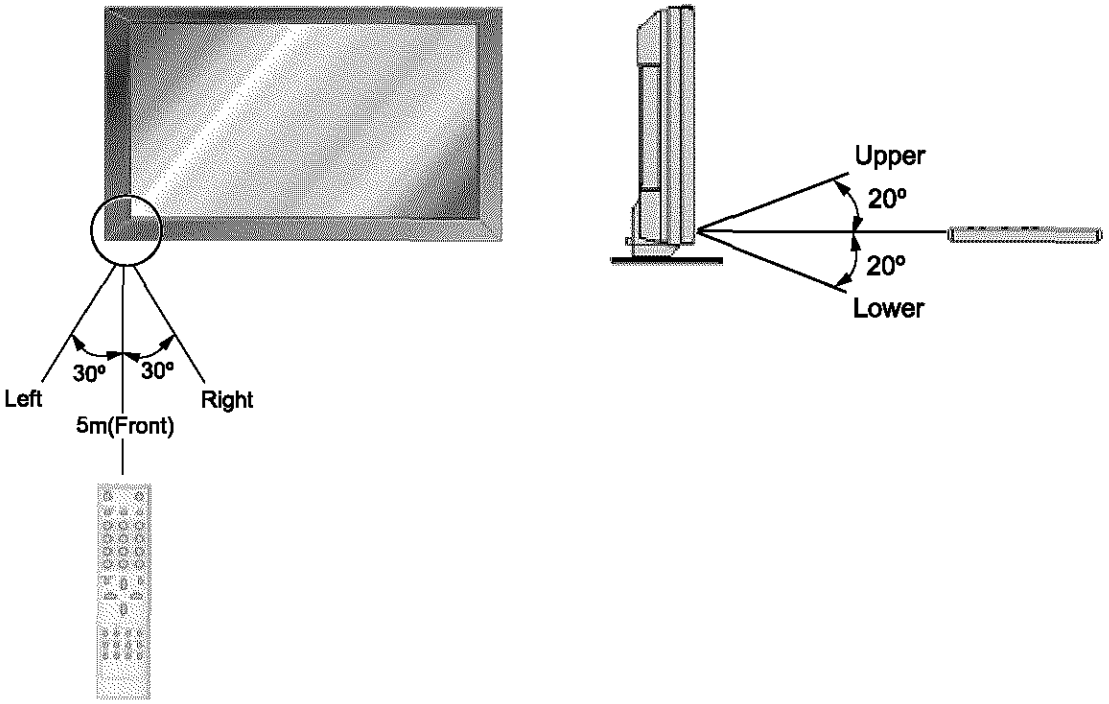
V-CHIP
Activate the V-chip function

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 to the correct direction.
3. Close the cover until it clicks.



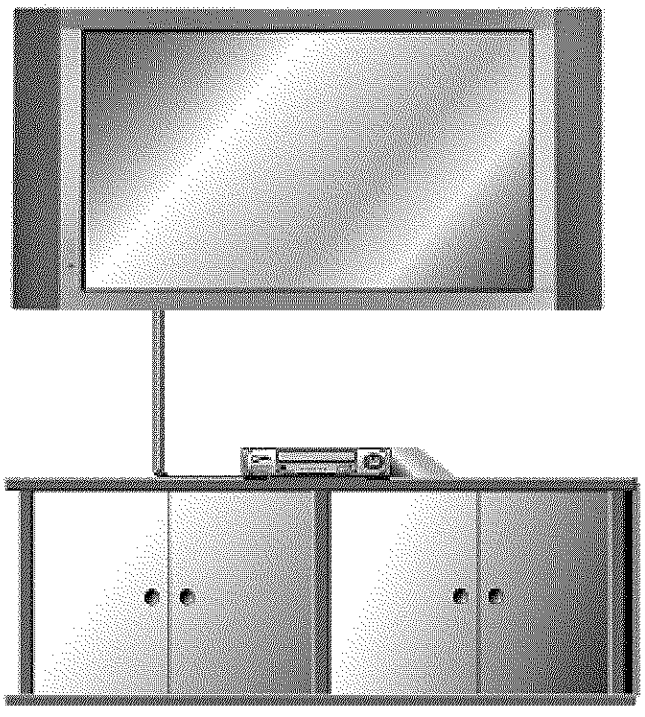
Reception range of Remote Control



Monitor Installation

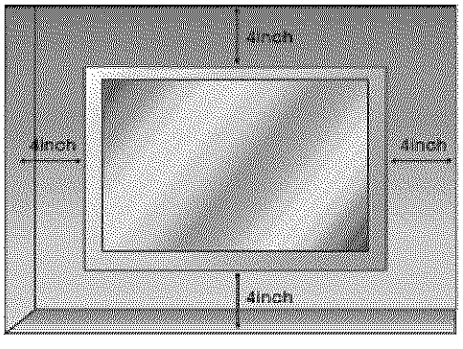
The Monitor can be installed in Wall Mount, Table Stand and Ceiling Mount

Wall Mount (optional) Installation



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

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



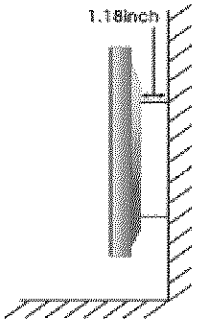
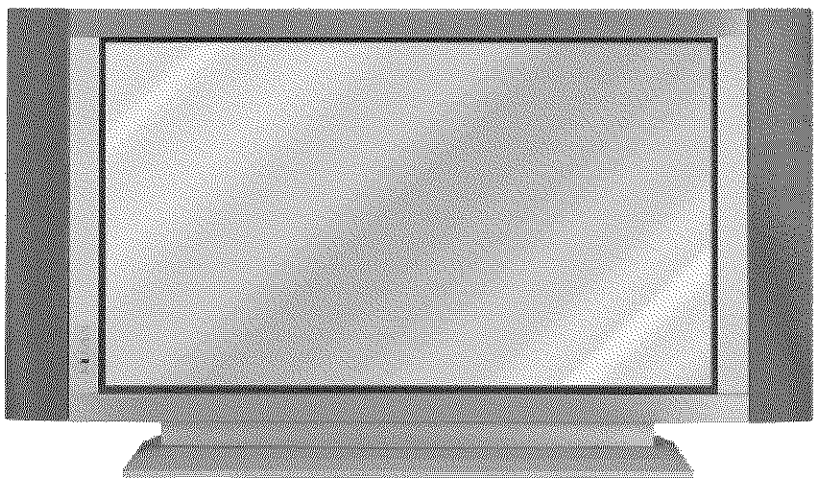


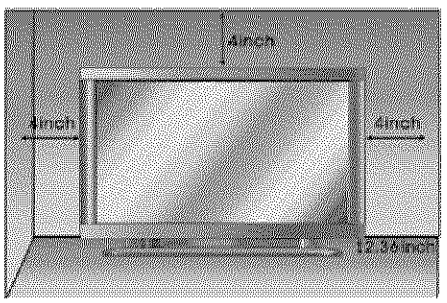
Table Stand (optional) Installatidfdfdfon

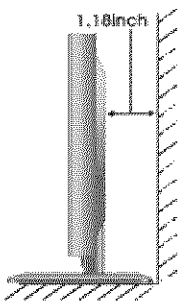
United type Table Stand (optional)



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

• Table Stand requires minimum allowable clearances for adequate ventilation.





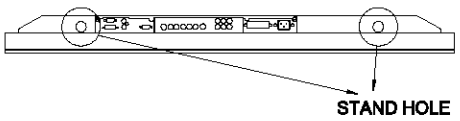
Monitor Installation

Installation

42"

① Insert Table Stand into Plasma Monitor
② ⓐ–Screw(4×30) Down
③ ⓑ–Screw(4×16) Down

Screws
ⓐ ⓑ
2-4X16
2-4X30



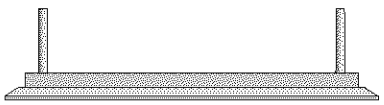


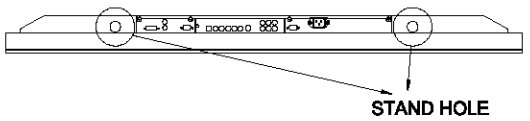
Table Stand
(United Type - *optional*)

Table Stand
(Separated Type)

50"

① Insert Table Stand into Plasma Monitor
② ⓐ–Screw(4×30) Down
③ ⓑ–Screw(8×18) Down

Screws
ⓐ ⓒ
2-8X18
2-4X30



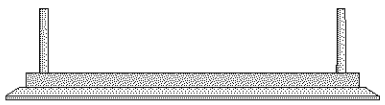
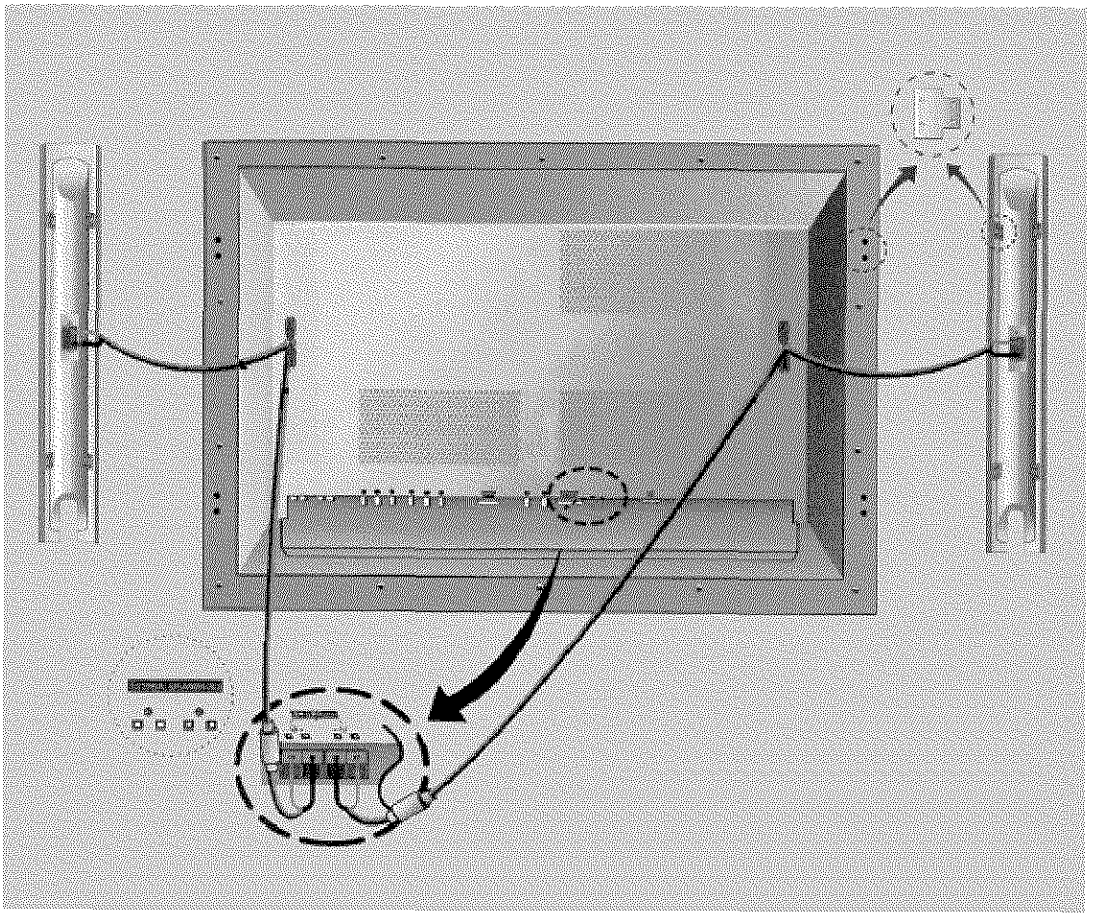


Table Stand
(United Type - *optional*)

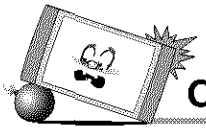
Table Stand
(Separated Type)

Speaker Installation

42" External Speaker (Optional) Installation



• Match the color of each connection on the speaker and monitor

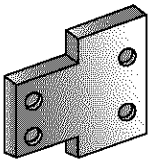


Caution

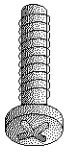
• ***Turn off monitor power before making any connections.***
Place the speakers in the position you want. Install the speaker wires on the monitor and speaker. Be sure to connect the positive "+" wire to the "+" input and the negative "-" wire to the "–" input. Connect left monitor input to left speaker and right monitor input to right speaker. Any extra speaker wire length remaining can be bunched into the wire holders provided. (Caution: Once installed, the speaker wire holders lock into position and can't be removed.)

Monitor Installation

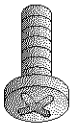
External Speaker Accessories



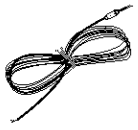
4-Metal Plates (Mount speakers to monitor)



8-4 x 16 Long Screws (Attach metal plates to speakers)

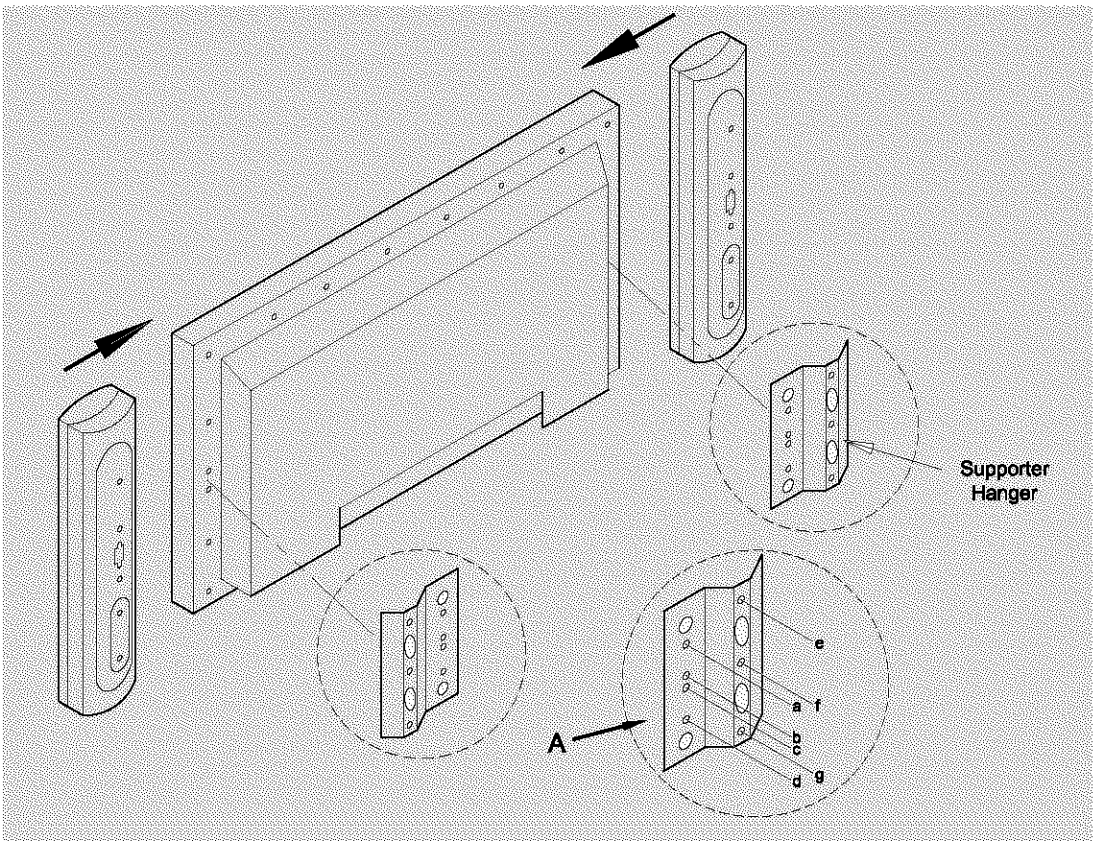


8-4 x 8 Short Screws (Attach metal plates to monitor)

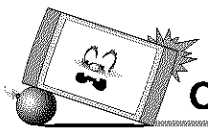


2-Speaker Wires

50" Speaker (Optional) Installation



• Match the color of each connection on the speaker and monitor.

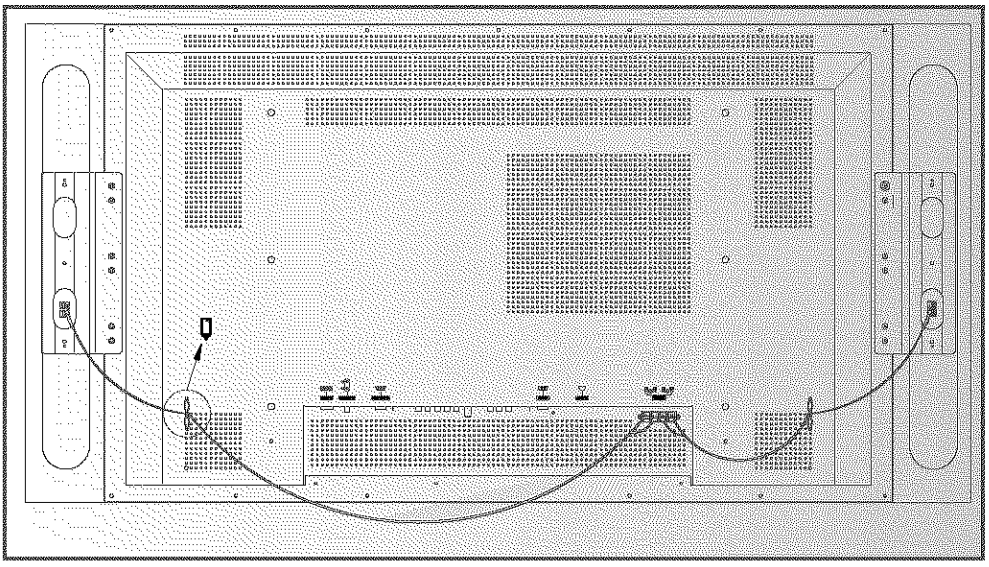


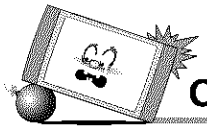
Caution

• Always lift the monitor itself (not the speakers) when handling or moving the monitor after speakers have been installed. Assemble the monitor to speaker using the supporter hanger and bolt. As shown above A, assemble the a and b of supporter hanger to the monitor using the bolt(M4x8). Assemble the c, d and e to the speaker using the bolt(4x16). If the bolts are tightened too much, the product could be damaged.

Monitor Installation

Connecting Speakers to the Monitor using the speaker wires provided

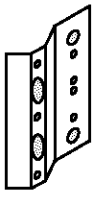




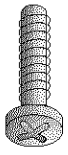
Caution

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

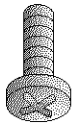
Accessories



2 - Supporter Hanger (Mount speakers to Monitor)

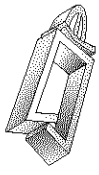


6 - 4X16 Screws (Attach Supporter Hanger to speakers)



8 - M4X8 Screws (Attach Supporter Hanger to monitor)

2-Speaker Wires



2 - Speaker Wire Holders (for the speaker wires)

Optional Extras

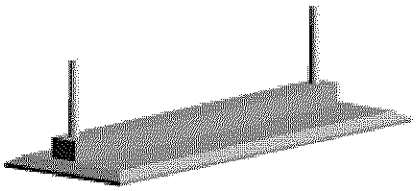
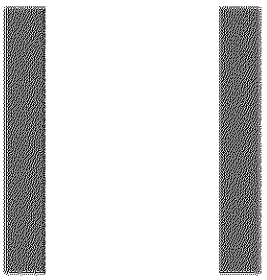
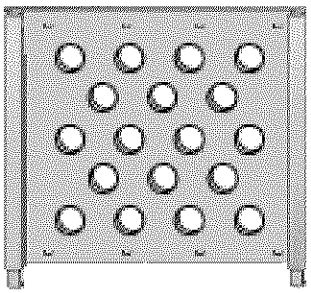


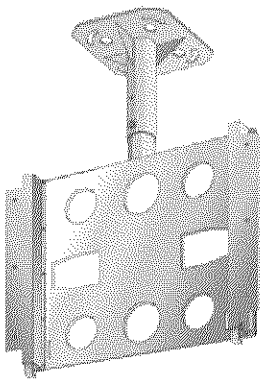
Table Stand
(Pedestal United)



External Speakers

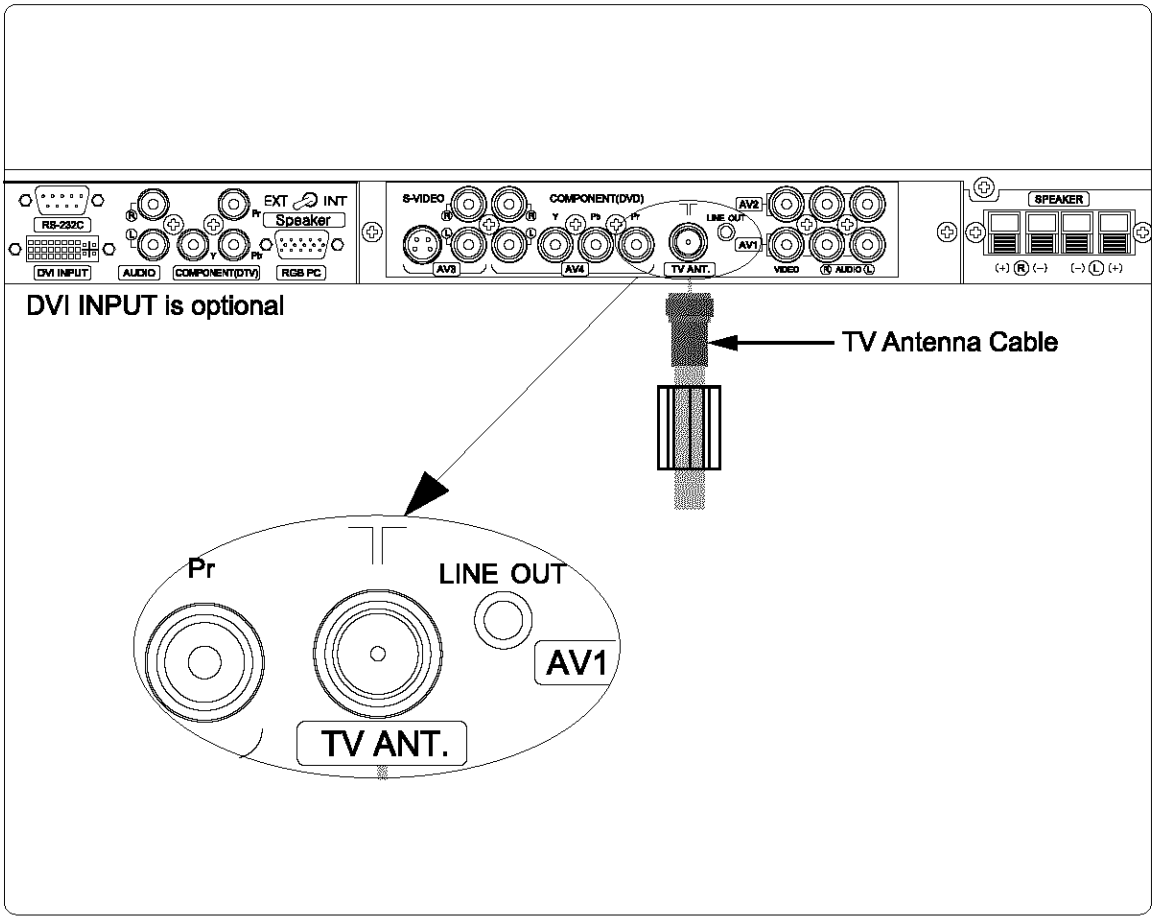


Fixed Wall
Mount Bracket



Ceiling Mount Bracket

Watching TV



To watch TV (When the Interface board is installed.)

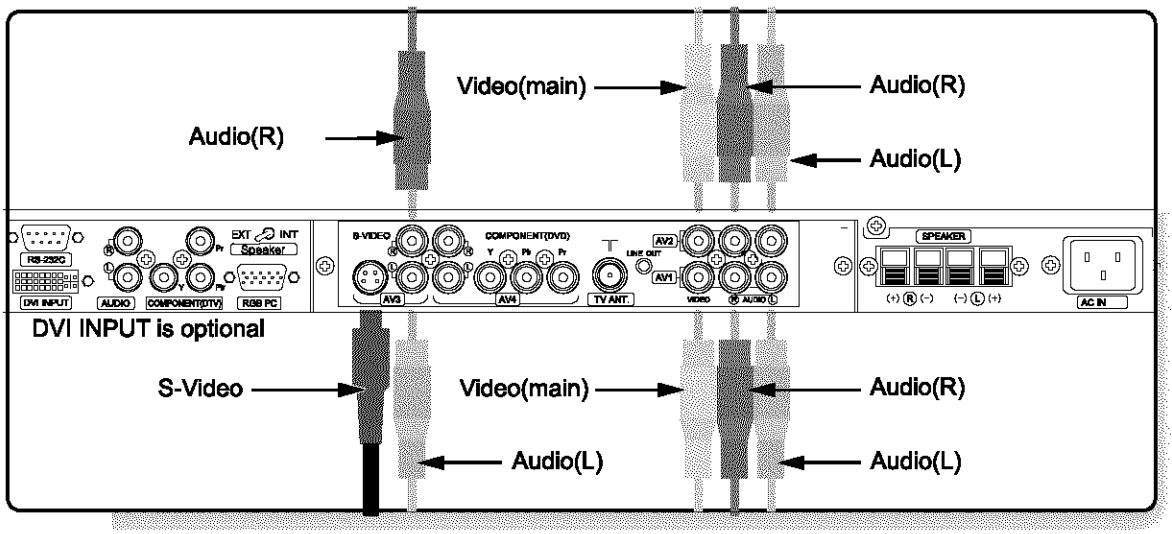
1. Connect the Antenna or CATV signal source to TV input. Press TV/VIDEO button on the Remote Control and select TV on OSD.
2. Use CH+, CH- button or numeric button to change TV channel for selection.
3. You can watch the previous channel by pressing PRE CH. button on the Remote Control.
4. Also, you can tune to cable service provided channels using the cable box. For further information regarding cable TV service, contact cable TV service provider(s).

When connecting the Plasma Monitor with external equipment, match the colors of connecting ports (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 Plasma Monitor.

If you connect a S-VIDEO VCR to the S-VIDEO input, the picture quality will be improved, compared to connecting aregular VCR to the Video input.

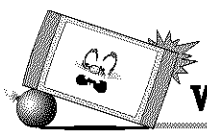
Avoid still mode on the screen for a long period of time.



<To avoid picture noise (interference), leave an adequate distance(over 3m) between the VCR and monitor.>

To watch VCR (When the Interface board is installed.)

1. Press TV/ Video button on the Remote Control and select Video Sources. (When connecting with S-Video, select the S-Video.)
2. Insert a video tape into the VCR and press the PLAY



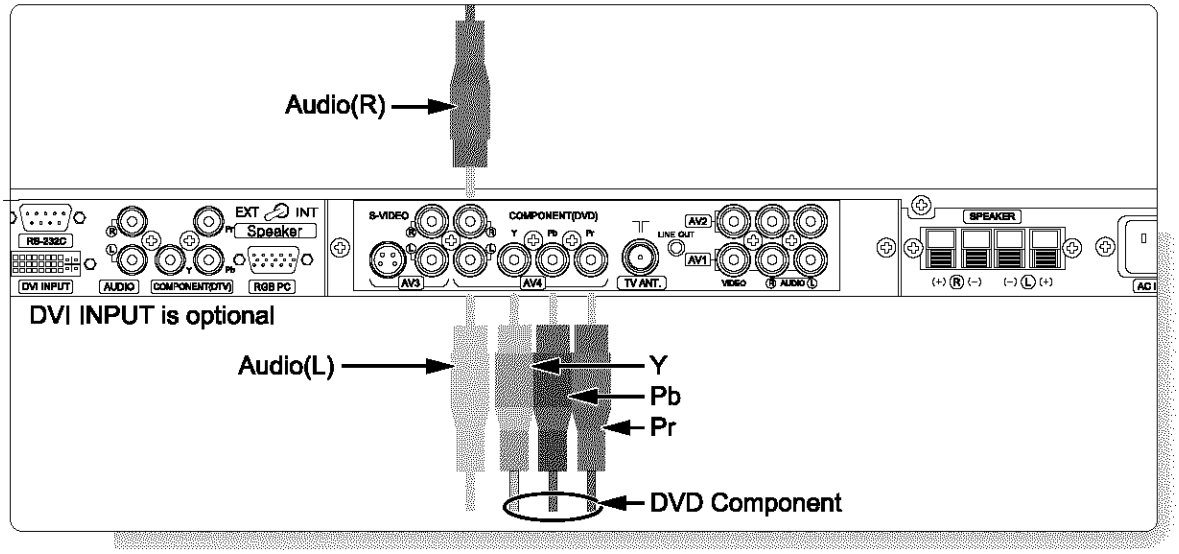
Warning

• ***No Signal***
"No Signal" on display will disappear after 5 minutes, then the TV will go in to Sleep Mode (dark).

Watching DVD(Interlace)

How to connect (When the Interface board is installed.)

Connect DVD video inputs to Y, Pb, Pr of COMPONENT (480i) (DVD INPUT) and audio inputs to Audio sockets of AV INPUT.



How to use (When the Interface board is installed.)

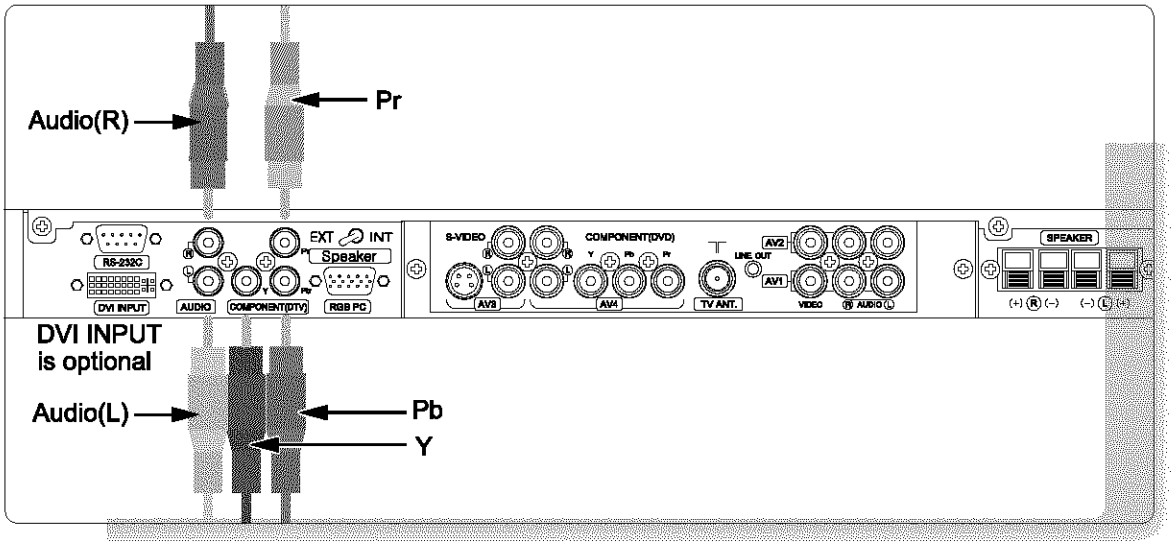
1. Turn on the DVD player.
2. Press TV / Video button on the remote control of the monitor to select Component.

Component Input ports

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

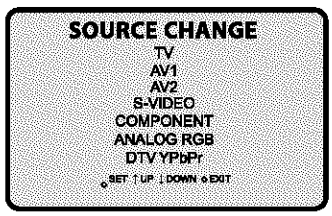
Component ports of the Monitor	Y	P_B	P_R
Video output ports of DVD player	Y Y Y Y	Pb B-Y Cb P_B	Pr R-Y Cr P_R

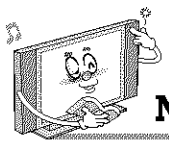
DVD/HDTV Watching through RGB Input for Progressive(480p, 720p, 1080i) mode(YPbPr)



How to use (When the Interface board is installed.)

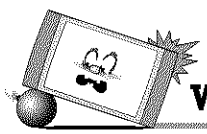
1. Turn on the DVD player or Settop Box.
2. Press TV / Video button on the remote control to select DTV Y, Pb, Pr





Notice

• *Normal DVD source is based on 480i, which should be connected through normal YPbPr of Component signal.*



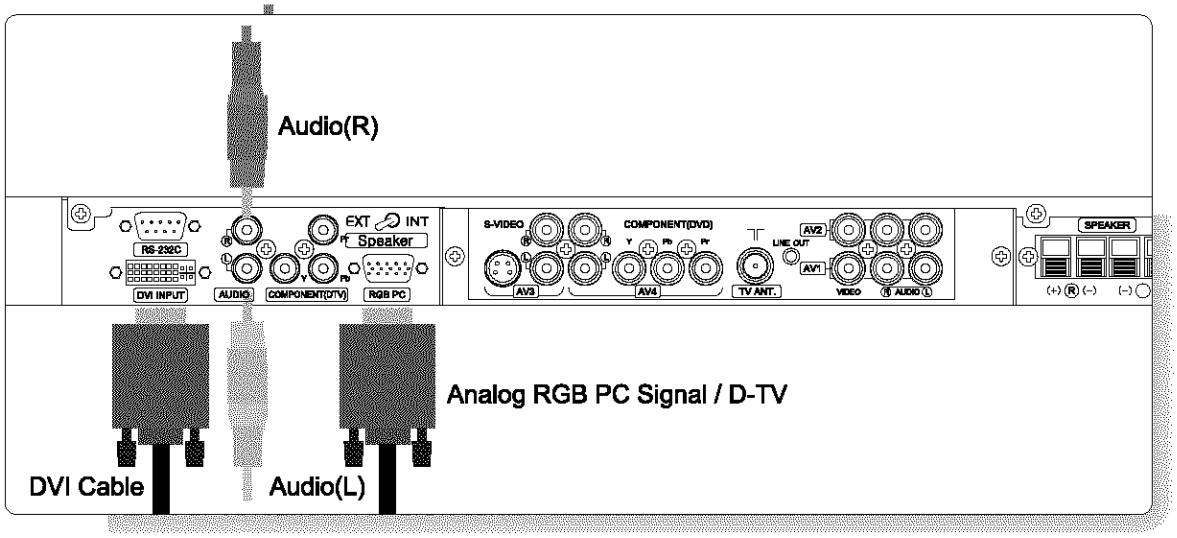
Warning

• *Connect normal 480i, DVD source, through normal YPbPr of Component signal only.*

• ***No Signal***
"No Signal" on display will disappear after 5 minutes, then the TV will go in to Sleep Mode (dark).

Connecting The PC

You can enjoy vivid picture and sound with connecting a PC with the Monitor.



Connecting a PC to the PDP

• Connect a PC (15pin) cable between the Video Output jack on the PC and the RGB (480p, 720p, 1018i) in (15p D-SUB) on the PDP.

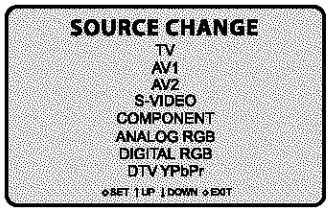
Pin Configuration

• 15Pin Signal Cable
(based on mate pin)

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)

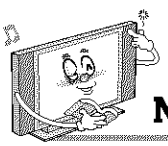
DVI Cable (optional)

• To see the PC through DVI, Select "Digital RGB" in your OSD.



Compatible Display 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
	48.363	60.00
1024 x 768	56.476	70.06
	60.023	75.02
1280 x 1024	64.000	60.00
1366 x 768	48.387	60.00



Notes

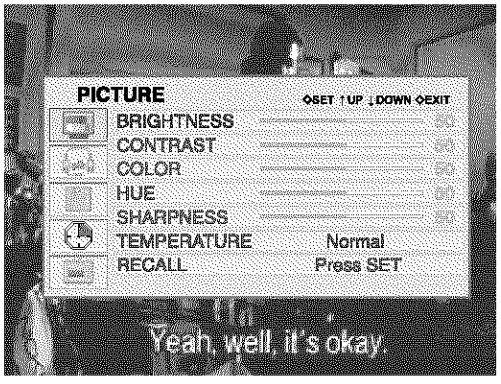
- ***Synchronization input form : separate***
- ***852x480 : 42" Native Resolution***
  Horizontal Polarity is Positive(+)
  Vertical Polarity is Negative(-)
- ***1366x768 : 50" Native Resolution***
  Horizontal Polarity is Positive(+)
  Vertical Polarity is Negative(-)

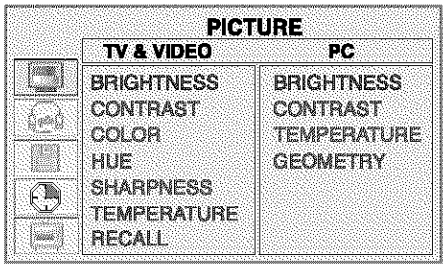
OSD Structure

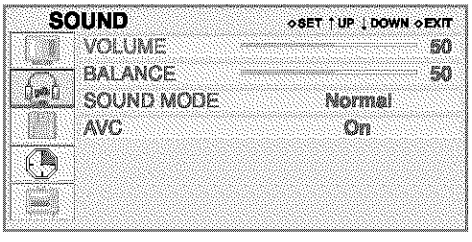
• OSD (On Screen Display) allows user to control or adjust various features and settings in accordance with his/her preferences.

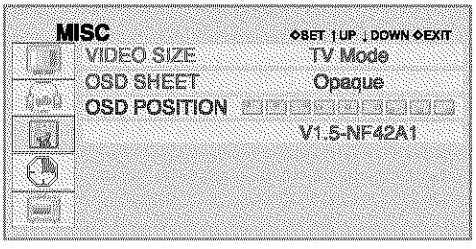
• Press the MENU / SET button on the Remote Control to see the OSD.

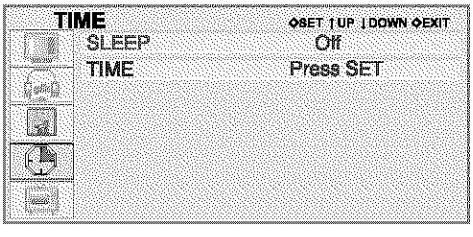
e.g.) OSD menu on the video background

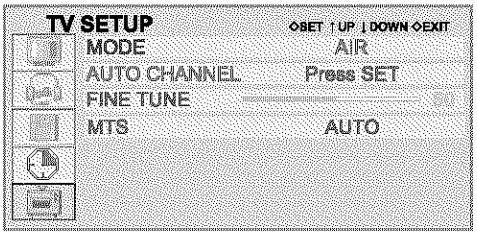


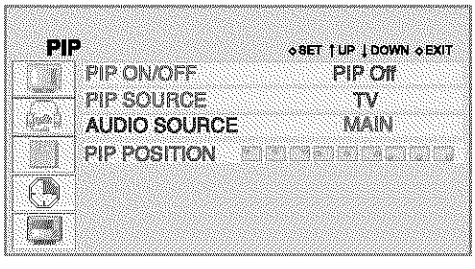




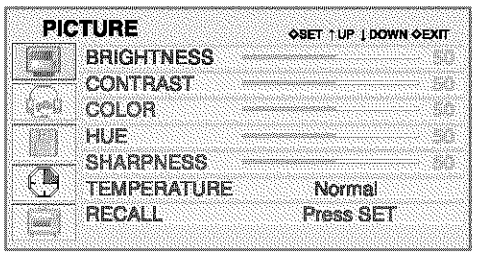








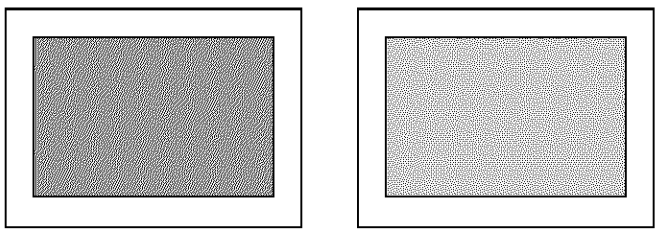
Adjust Brightness, Contrast, Color, Hue, Sharpness, Temperature and Recall on OSD menu.



1. Press MENU/SET button to activate OSD.
2. Press MENU/SET button again to get into PICTURE main menu.

BRIGHTNESS

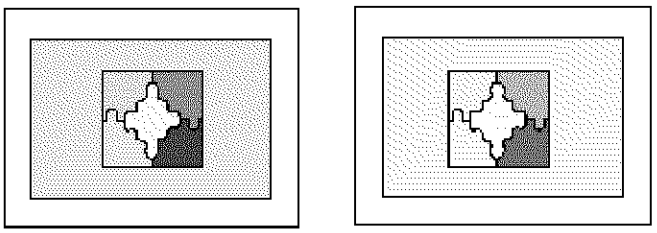
Control the brightness of display by using left and right button.



Dark ◀ ▶Bright

CONTRAST

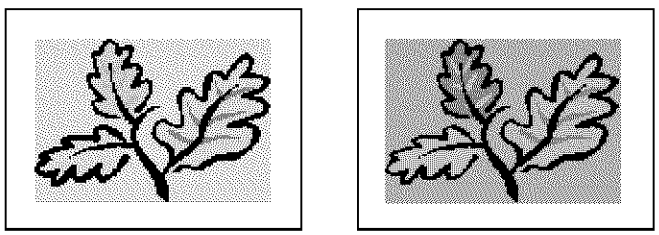
Control the contrast of display.



Distinct ◀ ▶Vague

COLOR

Control the color saturation of display.

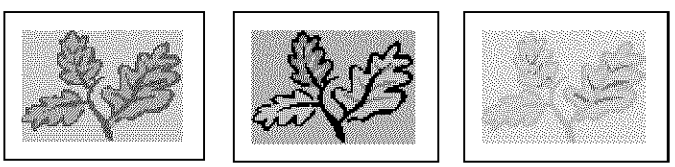


Decrease ◀ ▶Increase

• Saturation means the color tone in accordance with the difference of color concentration under red color criteria.

HUE

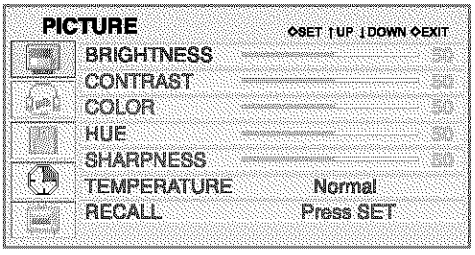
Control the color appearance from neutral to red, green or blue.



Red ◀ ▶Green

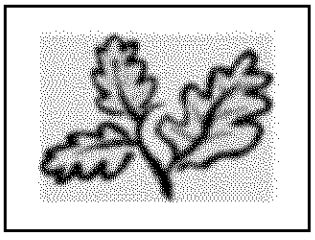
• Hue defines a difference of color toward Green or Red color direction.

PICTURE (TV & VIDEO)

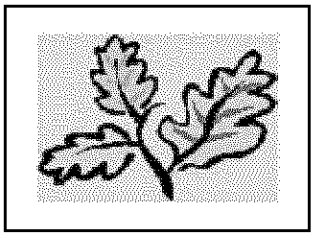


SHARPNESS

Control the sharpness of image edge.



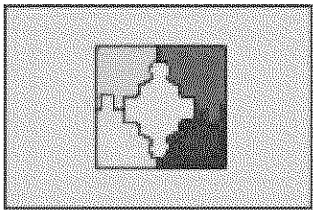
Less sharp ◀



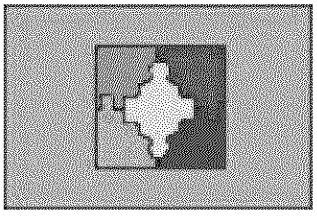
▶ Sharp

TEMPERATURE

Select the color temperature of screen image from Warm, Cool and Normal.



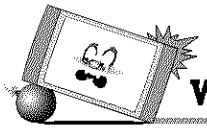
Warm ◀



▶ Cold

RECALL

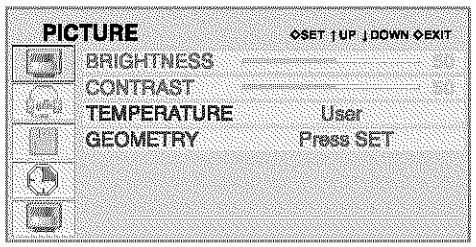
Go into PICTURE Menu, and select Recall then press set for all resets.



Warning

- *Screen Image retention : Do not display a still image (such as on a videogame or when hooking up a PC to this Monitor) on the plasma monitor panel for more than 2 hours as it can cause screen image retention. This image retention is also known as "screen burn". To avoid such image retention, refer to page 30 and 31 of this manual to reduce the degree of brightness and contrast of this screen when displaying a still image.*

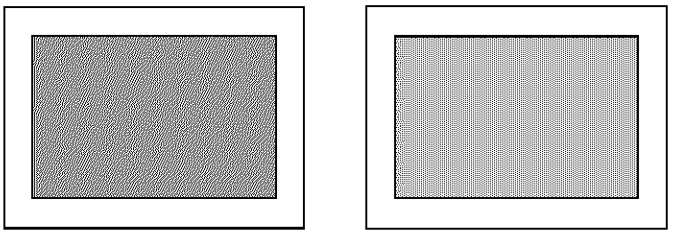
Adjust Brightness, Contrast, Temperature and Geometry on OSD menu.



1. Press MENU/SET button to activate OSD.
2. Press MENU/SET button again to get into PICTURE main menu.

BRIGHTNESS

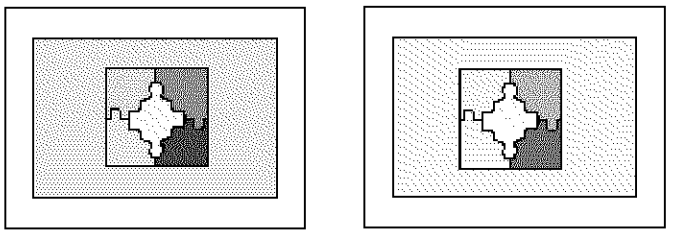
Control the brightness of display.



Dark ◀ ▶ Bright

CONTRAST

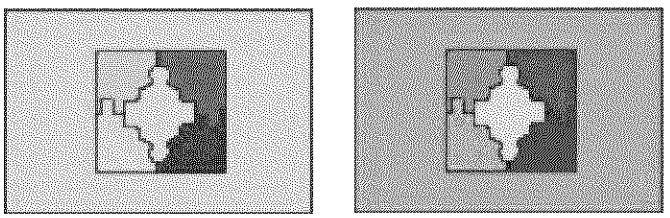
Control the contrast of display.



Distinct ◀ ▶ Vague

TEMPERATURE

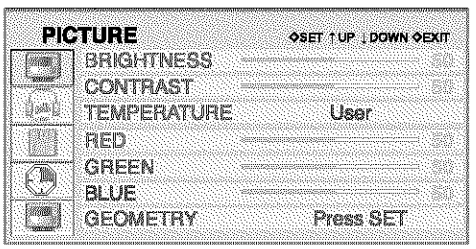
Select the color temperature of screen image from Warm, Cool and Normal.



Warm ◀ ▶ Cold

Temperature control by User

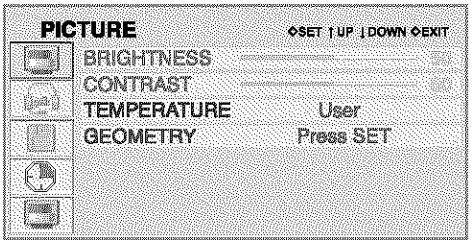
Value for Red, Green and Blue can be adjusted when you choose User mode using ◀ ▶ key.

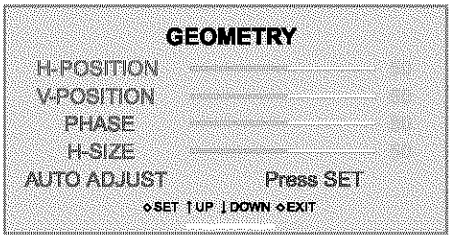


PICTURE (PC)

GEOMETRY

Press MENU/SET button, you can see the picture below. Move where you want to adjust.

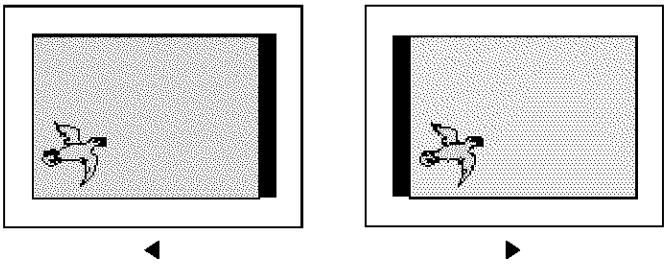




<on Analog RGB mode>

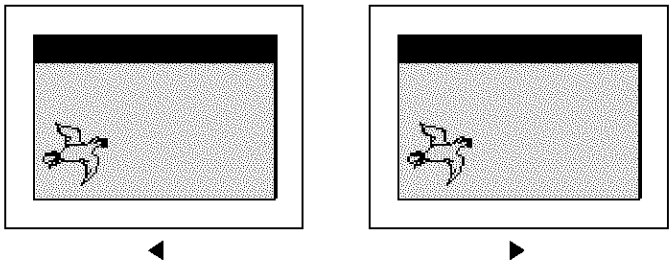
H-POSITION

Centering display image.
After selecting Position menu, you can move the image using VOL -/+ buttons.



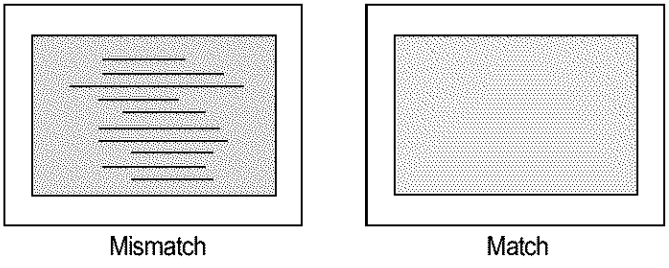
V-POSITION

Centering display image.
After selecting Position menu, you can move the image using VOL -/+ buttons.



PHASE

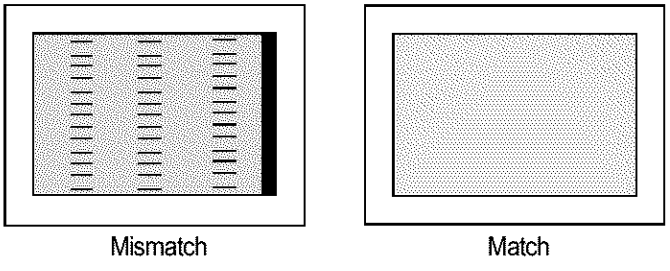
Fine tuning of display accuracy on the screen. Only available when you are in PC/HD input mode.



Mismatch Match

H-SIZE

Adjust the horizontal size of display. Only available when you are in PC/HD input mode.



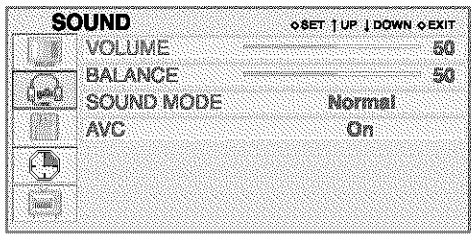
Mismatch Match

AUTO ADJUST

Automatically adjust picture position and eliminate any image shaking.

• AUTO ADJUST is only available on Analog RGB mode.

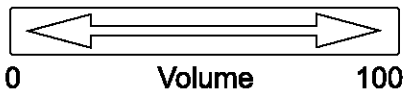
Adjust the Volume, Balance, Sound Mode and AVC on OSD menu.



1. Press MENU/SET button to activate OSD.
2. Use DOWN button to go to SOUND main menu.
3. Press MENU/SET button again to get into SOUND main menu.

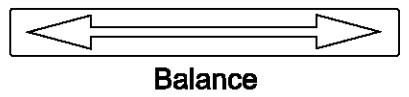
VOLUME

Control the amount of volume of sound. Ranges from 0 to 100



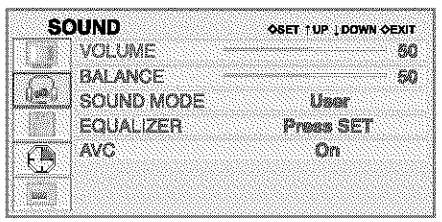
BALANCE

Control the left and right sound balance.



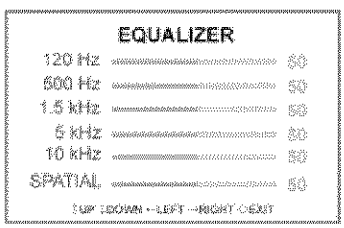
SOUND MODE

The sound mode feature allows you to choose the best appropriate audio environment.



SOUND MODE - EQUALIZER

You can adjust the quality of the sound to suit your taste on User mode

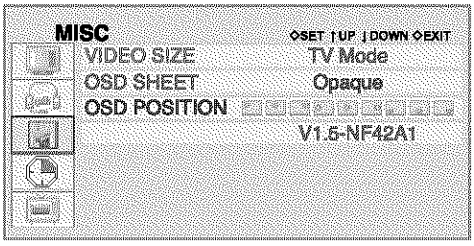


AVC (Auto Volume Control)

AVC feature controls the volume level between two different channels automatically.

MISC (TV & VIDEO + PC)

Image scaling, OSD display.



VIDEO SIZE(Aspect Ratio)

You can change the scaling size of video on MISC main menu and VIDEO SIZE sub menu or by pressing V.SIZE button on Remote Control.

Fill Screen

Fill the screen regardless of incoming aspect ratio

Fit to Aspect

Fit the screen with the same aspect ratio as signal source

Letter Box

Expand letter box contents to full screen. But you will notify the display quality worse than original mode due to the loss resolution caused by image expansion. (use only with letter box contents)

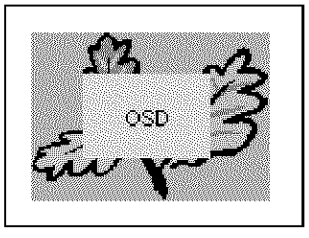
TV mode

Zooming more like a classical TV size, which is over-scanned.

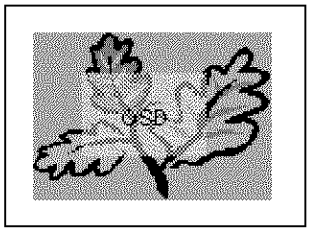
OSD SHEET

Select the background pattern of OSD. "Opaque" and "Translucent" can be selected. "Opaque" set the OSD background as solid color. "Translucent" set the OSD background as half transparent.

Changes the Transparency of background color of OSD window.



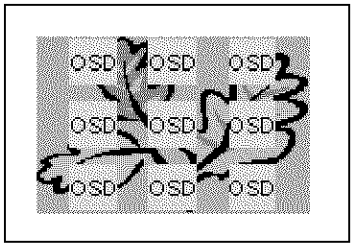
Opaque

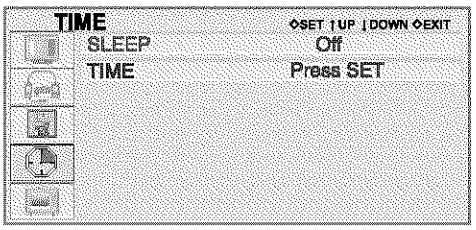


Translucent

OSD POSITION

Select OSD position among nine preset positions



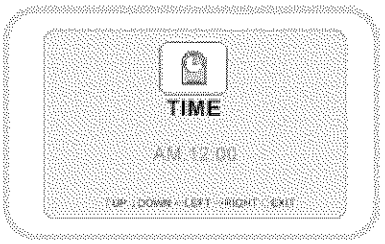


SLEEP : 30 min > 60 min > 90 min > 180 min

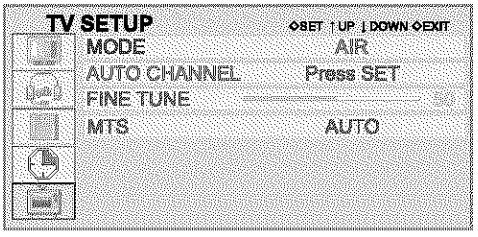
Select your desirable setting time to turn off the TV automatically. 30 min, 60 min, 90 min, 180 min and "Off" can be selected. The timer will start to count down just after you select.

TIME SET

select the mode from Off, Everyday and Once by using Up and Down button.



TV SET-UP



MODE

Select "Air" or "Cable". If your TV set is connected to an antenna, select "AIR", If you TV set is connected to the CABLE TV, select "CABLE"

AUTO CHANNEL

If you select "AUTO CHANNEL", TV set will automatically scan available channels and add to permanent channel list.

If you want to exit auto channel scan, press "Exit" key on the Remote Control.

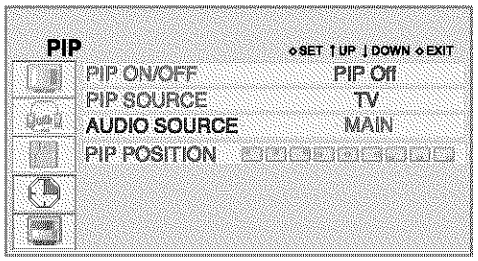
FINE TUNE

You can manually adjust the tuning precision by using this function.

MTS

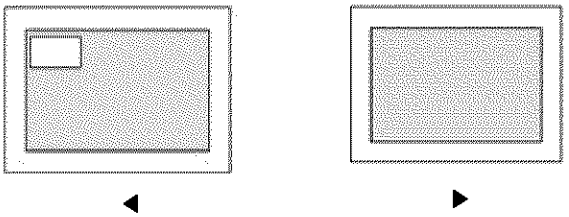
Select the audio mode on the TV for "AUTO", "STEREO", "MONO", "L1" and "L2" can be selected. If you select "AUTO", the TV set will select stereo mode if the channel broadcast in stereo mode, mono mode otherwise. If you want to set sound mode as "MONO", the set will sounds as mono mode even if the channel broadcasts with stereo mode. If the channel is broadcasting in bi-lingual mode and if you want to listen to secondary language, you should select "L2". The TV set will sounds with default language otherwise.

PIP works in Analog RGB, Digital RGB, and DTV Y,Pb,Pr mode.



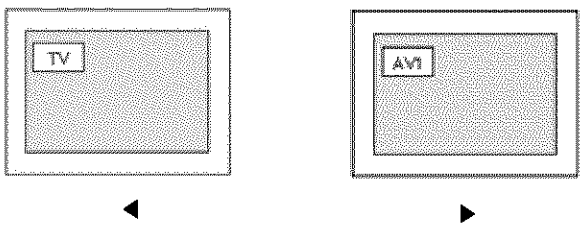
PIP (Picture in Picture) ON/OFF

Press the MENU/SET button
Select ON/OFF the PDP mode.
You can choose ON/OFF
mode using VOL-/+ keys.



PIP SOURCE

Press the MENU/SET button
Select the PIP video source.
After selecting video source menu,
you can change the source using
VOL-/+ keys.
(TV>AV1>AV2>SVIDEO>COMPONENT)

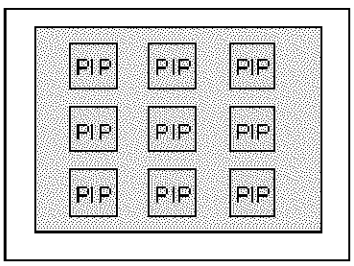


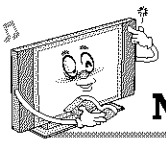
AUDIO SOURCE

Press the MENU/SET button
Select the audio source. When you select 'PIP' mode, you will hear PIP audio source.
When you select 'Main' mode, you will hear Analog RGB audio source.
you can change the source using VOL-/+ keys.

PIP POSITION

Press the MENU/SET button
Select PIP position among nine preset positions.

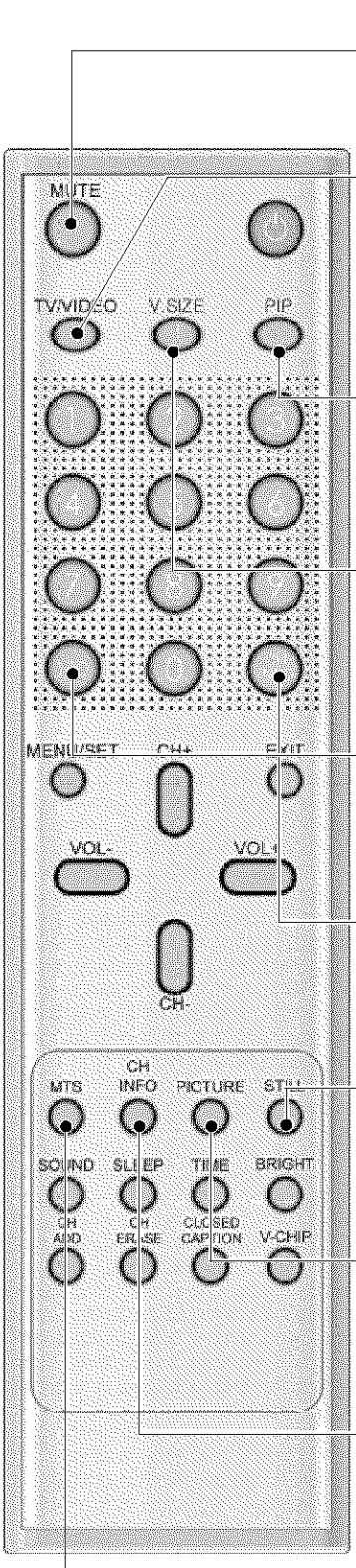


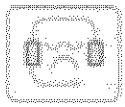


Notes

• PIP function gets disabled when VCR, DVD or PC is in play

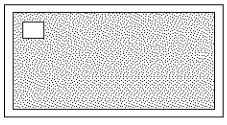
Hot Key Function By Remote Control



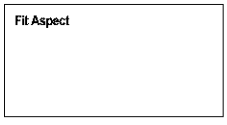


MUTE
To turn off the sound

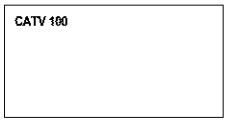
TV / VIDEO
Select the signal source from multiple input source of TV, AV1, AV2, S-Video, Component, Analog RGB and DTV YPbPr.(480p, 720p, 1080i input)



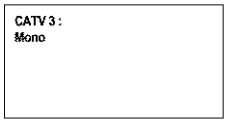
PIP
Activate PIP function on Analog RGB Mode or DTV



V.SIZE
Change the image size setting, ie; 16:9, 4:3, etc.

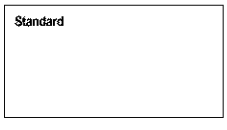


100
Press this button first for cable channels over 100

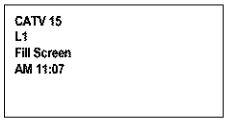


PRE CH
Go back to previous TV channel

STILL
Freeze frame function, press once again for reset



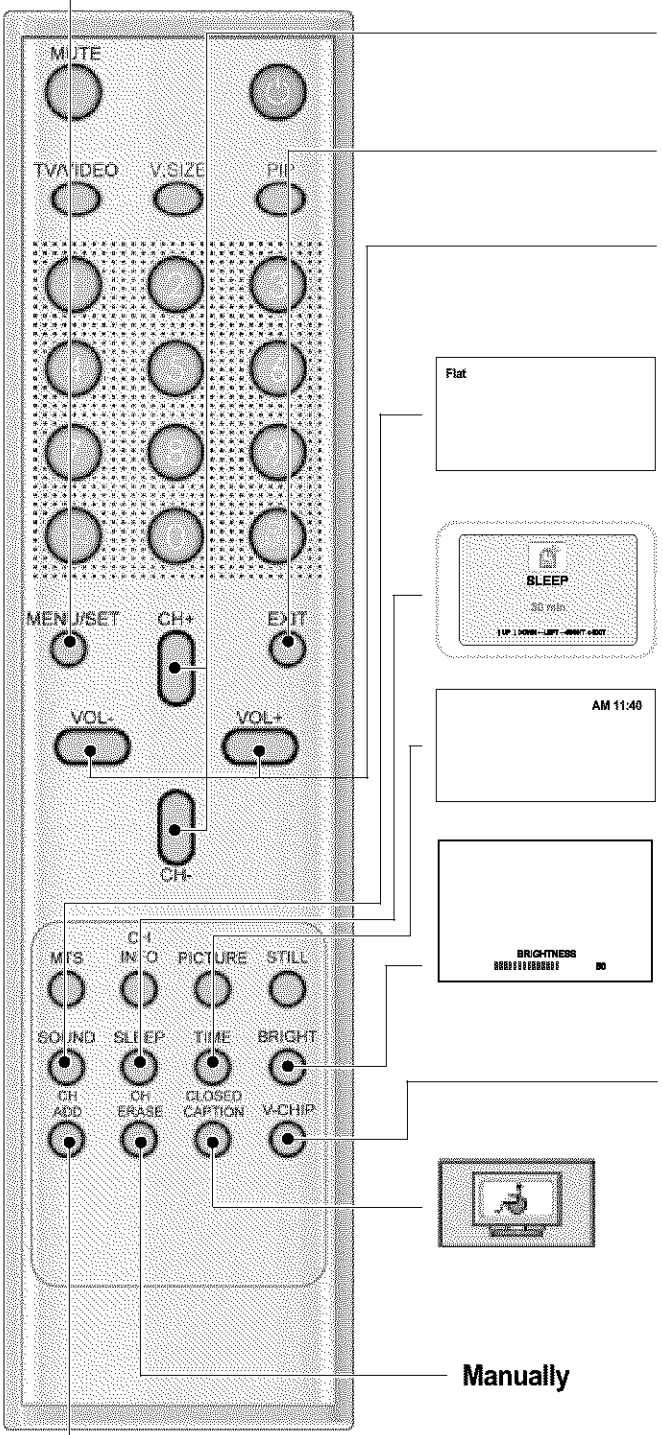
PICTURE
The Picture mode feature allows you to choose three different modes of picture settings



CH INFO
You can see information regarding the channel that you select

MTS
Change sound setting, ie; L1, L2, Mono, etc.

Hot Key Function By Remote Control



Menu/Set
Activate the OSD window, enter the sub-menu.

CH+/CH-
Change the TV channel o TV mode up or down.

EXIT
Exit from the current OSD menu or sub-menu.

VOL+/VOL-
Change the audio level, increase or decrease and used for OSD navigation.

SOUND
The sound mode feature allows you to choose the best appropriate audio environment. ie. Stereo, Mono, ASP

SLEEP
Set TV timeer for
60 min, 90 min and 180 min

TIME
Set the clock for sleep mode

BRIGHT
Press "Bright" button repeatedly to directly choose one of five different setting modes; Brightness, Contrast, Color and Sharpness by pushes

Refer to next page

CLOSED CAPTION
Push Closed Caption button to activate closed caption menu. Use arrow control keys to access 2 channels of Closed Captions and 2 channels of Text.

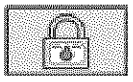
Manually

CH ERASE
Erase the TV channel preset

Manually

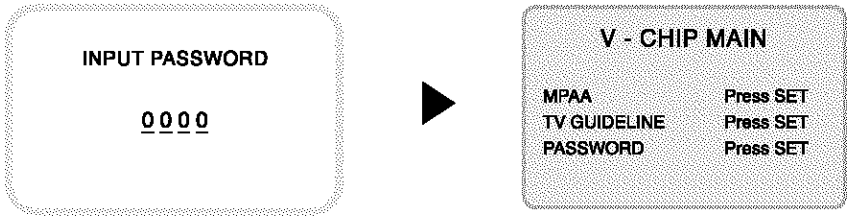
CH ADD
Add the TV channel preset

Hot Key Function By Remote Control



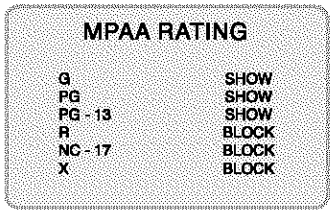
V-CHIP

Push V-Chip button to activate V-Chip function menu. Input 4digit password(factory default password : 0000) And follow the directions.



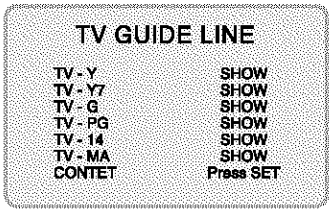
MPAA RATING

Select the block level.
you can change the 'SHOW', 'BLOCK' by using VOLUME(◀ ▶) keys.



TV GUIDELINE

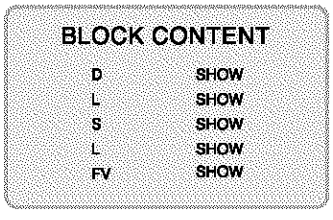
Select the TV guideline.
you can change the 'SHOW', 'BLOCK' by using VOLUME(◀ ▶) keys.



BLOCK CONTENT

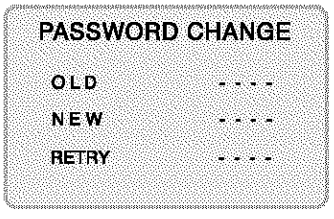
(TV GUIDELINE ▶ CONTENT)

You can change the 'SHOW', 'BLOCK' by using VOLUME(◀ ▶) keys.



PASSWORD CHANGE

You can change the password.
(4 characters)



42" Plasma TV Display Panel	50" Plasma TV Display Panel
Function and Specification	**Function and Specification**
42-inch diagonal screen	50-inch diagonal screen
Variable 4:3 / 16:9 image aspect ratios (4 modes)	Variable 4:3 image aspect ratios (4 modes)
16:9 Panoramic mode	16:9 Panoramic mode
852 x 480 physical pixels	1366 x 768 physical pixels
800:1 contrast ratio	590:1 contrast ratio
Brightness:630cd/m^2	Brightness:560cd/m^2
PC monitor support up to 1280 x 1024 60hz	PC monitor support up to 1280 x 1024 60hz
181-Channel Cable-Ready TV tuner (NTSC)	181-Channel Cable-Ready TV tuner (NTSC)
Advanced multi-window viewing:	Advanced multi-window viewing:
Picture-In Picture(PIP) with four selectable window positions	Picture-In Picture(PIP) with four selectable window positions
on PC mode	on PC mode
Multiple input compatible	Multiple input compatible
Advanced Motion digital processor	Advanced Motion digital processor
Motion-Adaptive Deinterlace Processor	Motion-Adaptive Deinterlace Processor
Digital progressive line scaling	Digital progressive line scaling
3:2 Pull-Down for Film Scan Conversion	3:2 Pull-Down for Film Scan Conversion
Digital 3D comb filter (NTSC)	Digital 3D comb filter (NTSC)
PAL/SECAM TV/CATV Tuner Module(Market S pecific)	PAL/SECAM TV/CATV Tuner Module(Market Specific)
Closed Caption decoding (NTSC)	Closed Caption decoding (NTSC)
Favorite channel programming	Favorite channel programming
Channel lock/V-chip (NTSC)	Channel lock/V-chip (NTSC)
Interlaced Component input with 480i and Progressive Component input with 480p, 720p, 1080i	Interlaced Component input with 480i and Progressive Component input with 480p, 720p, 1080i
Automatic frequency detection	Automatic frequency detection
Selectable color temp. settings:Warm, Cool, User	Selectable color temp. settings:Warm, Cool, User
Miscellaneous	**Miscellaneous**
Built-in audio amplifier and two 7W speakers / Optional	Built-in audio amplifier and two 7W speakers / Optional
Selectable fixed/variable audio output / Optional	Selectable fixed/variable audio output / Optional
Quiet fanless operation	Quiet fanless operation
Input phase clock adjustment	Input phase clock adjustment
Front panel lock (via RS-232)	Front panel lock (via RS-232)

Specification

42" Plasma TV Display Panel	50" Plasma TV Display Panel
Connectivity:	**Connectivity:**
Composite:RCA-pin x 1, Scart type x 1	Composite:RCA-pin x 1, Scart type x 1
Component video signal : YPbPr x 1	Component video signal : YPbPr x 1
S-video : Mini DIN 4-pin x 1	S-video : Mini DIN 4-pin x 1
RGB input : D-sub 15-pin x 1(480p, 720p, 1080i)	RGB input : D-sub 15-pin x 1(480p, 720p, 1080i)
Audio input : RCA-pin Type(L/R) x 4:Full support separated audio input for each Video input	Audio input : RCA-pin Type(L/R) x 4:Full support separated audio input for each Video input
Speaker output : Cinch Conn Type(L/R) x 1(4inch connectors type)	Speaker output : Cinch Conn Type(L/R) x 1(4inch connectors type)
Audio mode : Stereo	Audio mode : Stereo
Control Ports : RS-232 D-sub 9-pin x 1	Control Ports : RS-232 D-sub 9-pin x 1
DVI input : DVI Cable / Optional	DVI input : DVI Cable / Optional
Accessories	**Accessories**
Full function remote control	Full function remote control
Table stand / Optional	Table stand / Optional
Side-mount Speakers / Optional	Side-mount Speakers / Optional
Dimensions : (W x H x D) **unit : mm**	**Dimensions : (W x H x D)** **unit : mm**
1050 x 635 x 87 (Main only)	1210 x 733 x 88 (Main only)
1250 x 635x 87 (With stand, without Speaker)	1450 x 733 x 88 (With stand, without Speaker)
1050 x 708x 299 (With stand and speaker)	1450 x 802 x 299 (With stand and speaker)
Weight:	**Weight:**
40kg (Main only)	52kg (Main only)
47kg (With stand, without Speaker)	57kg (With stand, without Speaker)
49.7kg (With stand and Speaker)	61kg (With stand and Speaker)
Working Environment	**Working Environment**
Power : AC 110~240V, 50/60Hz	Power : AC 110~240V, 50/60Hz
Power Consumption : 380 Watts	Power Consumption : 380 Watts
Temperature	Temperature
Operation : 0°c~35°c(32°F~90°F)	Operation : 0°c~35°c(32°F~90°F)
Storage : -15°c~60°c(5°F~140°F)	Storage : -15°c~60°c(5°F~140°F)
Humidity	Humidity
Operation : 20~70%	Operation : 20~70%
Storage : 20~80%	Storage : 20~80%
Pressure	Pressure
Operation : 800~1114hPa	Operation : 800~1114hPa
Storage : 600~1114hPa	Storage : 600~1114hPa

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.
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 from the Monitor	Typical sound due to normal Monitor operation, Monitor is not faulty.

Warranty Card

iDisplay.TV Corp. (Techview™brand)
Limited 1 Year Warranty

iDisplay.TV Corp.(Techview™brand) hereby warrants, subject to the conditions herein stated in the paragraphs below, that should this product become defective by reason of improper workmanship or material defect during the specified warranty period, iDisplay.TV Corp.(Techview™brand), at its option, will repair (on-site service will be provided where available) or refund the same, effecting all necessary parts replacements, without charge for either parts or labor.

Warranty Period:

iDisplay.TV Corp.(Techview™brand), warrants that from the date of purchase, this product will be free from defects in material for a period of one (1) year and a period of (1) year on labor. iDisplay.TV Corp.(Techview™brand)., at its option, will repair (on-site service will be provided where available) or refund this product found to be defective during the warranty period. If the product is no longer available, iDisplay.TV Corp.(Techview™brand), may refund your purchase, with original proof of purchase.

Conditions:

This warranty is valid for the original retail purchaser from the date of initial retail purchase and is not transferable. Keep the original sales receipt. Proof of purchase is required to obtain warranty service and/or refund. iDisplay.TV Corp.(Techview™brand), dealers, service centers, or retail stores selling iDisplay.TV Corp.(Techview™brand), products do not have the right to alter, modify or in any way change the terms and conditions of this warranty.

This warranty does not cover normal wear of parts or damage resulting from any of the following: Negligent use or misuse of the product; Improper voltage or current; Use contrary to the operating instructions; Deviation from instructions regarding storage and transportation; Disassembly; Repair or alteration by anyone other than iDisplay.TV Corp. or a iDisplay.TV Corp.(Techview™brand), authorized service center. Further, the warranty does not cover Acts of God, such as fire, flood, hurricanes and tornadoes.

iDisplay.TV Corp.(Techview™brand) shall not be liable for any incidental or consequential damages caused by the breach of any express or implied warranty. Except to the extent prohibited by applicable law, any implied warranty of merchantability or fitness for a particular purpose is limited in duration to the duration of the above warranty. Some states, provinces or jurisdictions do not allow the exclusion or limitation of incidental or consequential damages or limitations on how long an implied warranty lasts, so the above limitations or exclusion may not apply to you. This warranty gives you specific legal rights, and you may also have other rights that vary from state to state or province to province.

How to Obtain Warranty Service

You must contact iDisplay.TV Corp.(Techview™brand), Customer Service/Technical Support at our toll-free number 1-866-334-8324 (TECH) or by service@idisplay.tv.
A Customer Service/Technical Support representative will attempt to resolve warranty issues over the phone. If telephone resolution is not possible, the Customer Service/Technical Support representative will require your assistance in performing routine diagnostic procedures.

iDisplay.TV Corp.(Techview™brand)
Quality Control Department/
Customer Service Department
5690 Stewart Ave.
Fremont, CA 94538
U.S.A.

ITEM # 70109

Memo

Memo

TECHVIEW