

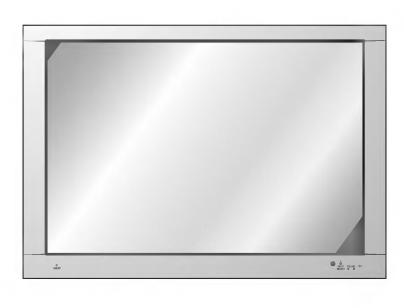
Please read this owner's manual carefully before operating the Monitor.

Retain it for future reference.

Record model number and serial number of the Monitor.

See the label attached on the back of the Monitor and quote this information to your dealer when you require service.

Model number : Serial number :



MONITOR

SMA

a

## MT/MZ-40PA10/B/G/K/S MT/MZ-40PA11/B/G/K/S MT/MZ-42PZ10/B/G/K/S MT/MZ-42PZ11/B/G/K/S OWNER'S MANUAL

### **FCC NOTICE**

• MT-40PA11/B/G/K/S / MT-42PZ11/B/G/K/S : A Class A digital device

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

MT-40PA10/B/G/K/S / MT-42PZ10/B/G/K/S : A Class B digital device

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to raido 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.

### WARNING

This is Class A and 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.

#### WARNING

TO REDUCE THE RISK OF FIRE AND ELECTRIC SHOCK, DO NOT EXPOSE THIS PROD-UCT TO RAIN OR MOISTURE.



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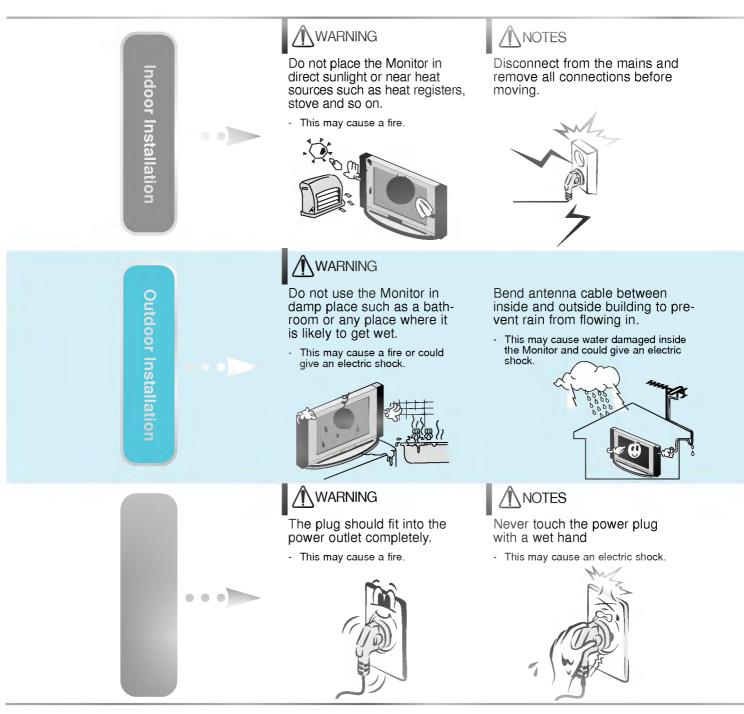
Child lock	
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Others	

Others	
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After reading this manual, keep it in the place where the user can always contact easily.

## **Safety Instructions**

- Use the Monitor at the place lower than the altitude of 6562 feet (2000m) to get the best quality of picture and sound.



\* Safety instructions have two kinds of information, and each meaning of it is as below.

WARNING The violation of this instruction may cause serious injuries and even death.

The violation of this instruction may cause light injuries or damage of the product.

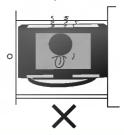
 $\hbar$  Take care of danger that may happen under specific condition.

### NOTES

/NOTES

Do not place the Monitor in a builtin installation such as a bookcase or rack.

- Ventilation required.



### NOTES

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

- This may cause an electric shock.

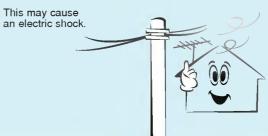


When installing the Monitor on a table, be careful not to place the edge of its stand.

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



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.



### **NOTES**

Do not pull the cord but the plug when unplugging.

- This may cause a fire.



Eusure the power cord doesn't trail across any hot objects like a heater.

 This may cause a fire or an electric shock.



Do not plug when the power cord or the plug is damaged or the connecting part of the power outlet is loose.

This may cause a fire or an electric shock.

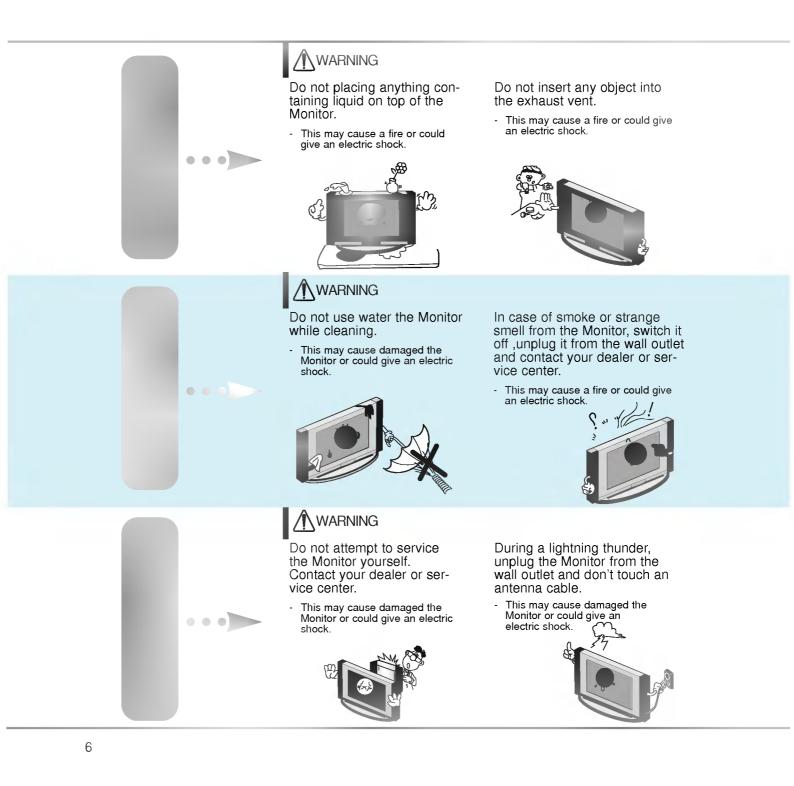


Connection

**Basic functio** 

Special function

## **Safety Instructions**



### /WARNING in U.K. only

This set is supplied with a BS 1363 approved 13 amp mains plug, fused at 5 amp. When replacing the fuse always use a 5 amp BS 1362, BSI or ASTA approved type. Never use this plug with the fuse cover omitted. To obtain a replacement fuse cover contact your dealer or "LG Electronics U.K. Ltd." If the type of plug supplied is not suitable for the mains sockets in your home, then the plug should be removed and a suitable type fitted. A mains plug removed from the mains lead of this set must be destroyed. A mains plug with bared wires is hazardous if inserted in a mains socket. Do not connect either wire to the earth pin, marked with the letter E or with the earth symbol = or coloured green or green and yellow. If any other plug is fitted, use a 5 amp fuse, either in the plug, or at the distribution board. The wires in this mains lead are coloured in accordance with the following codes: **BLUE: NEUTRAL, BROWN: LIVE** As the colours of the wires in the mains lead of this set may not correspond with the coloured marking identifying the terminals in your plug, proceed as follows: The wire which is coloured blue must be connected to the terminal which is marked with the letter N or coloured black. The wire which is coloured brown must be connected to the terminal which is marked with the letter L or coloured red.

to the terminal which is marked with the letter L or coloured red.

### WARNING

Do not place heavy objects on the Monitor.

This may cause serious injury to a child or adult.



Dispose of used batteries carefully to protect a child from eating them.

In case that it eats them, take it to see a doctor immediately.



## NOTES

When moving the Monitor assembled with the 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



NOTES

Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners.

This may cause damaged the Monitor or could give an electric shock.



#### Contact the service center once a year to clean the internal part of the Monitor.

- Accumulated dust can cause mechanical failure.



### NOTES

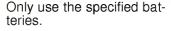
The distance between eyes and the screen should be about 5 ~ 7 times as long as diagonal length of the screen.

- If not, eyes will strain.



Unplug the Monitor from the wall outlet when it is left unattended and unused for long periods of time.

Accumulated dust may cause a fire or an electric shock from deterioration or electric leakage.

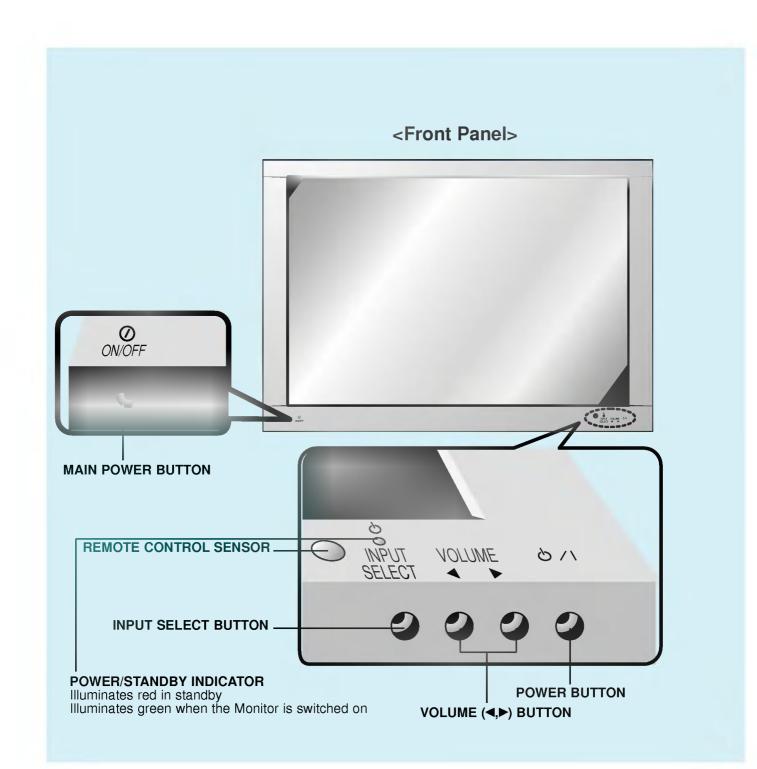


This make cause damaged the remote control or could give an electric shock.



Basic functi

## **Controls of the Monitor**









D-sub 15 pin cable

Mains cord





Owner's Manual



Alkaline batteries



- Optional extras can be changed or modified for quality improvement without any notification new optional extras can be added.
- Contract your dealer for buying these items.



RT/RZ-BA10 (PDP Tuner)



AP-40/42WA20M/B (Tilt wall mounting bracket)



AP-40/42WA10/B (Wall mounting bracket)



## **Optional Extras**

- Optional extras can be changed or modified for quality improvement without any notification new optional extras can be added.
- Contract your dealer for buying these items.



AP-40/42CA10/B (Ceiling mounting bracket)



AP-40/42DA10/A/B/G/K/S (Desktop stand)



AP-40/42SA10D/A/B/G/K/S (Speaker stand)



Video cables



AP-40/42FA10/A/B/G/K/S (Floor type stand)



AP-40/42SA10/A/B/G/K/S (Speakers)



AP-40/42SA10F/A/B/G/K/S (Floor type speaker stand)



Audio cables

Basic function

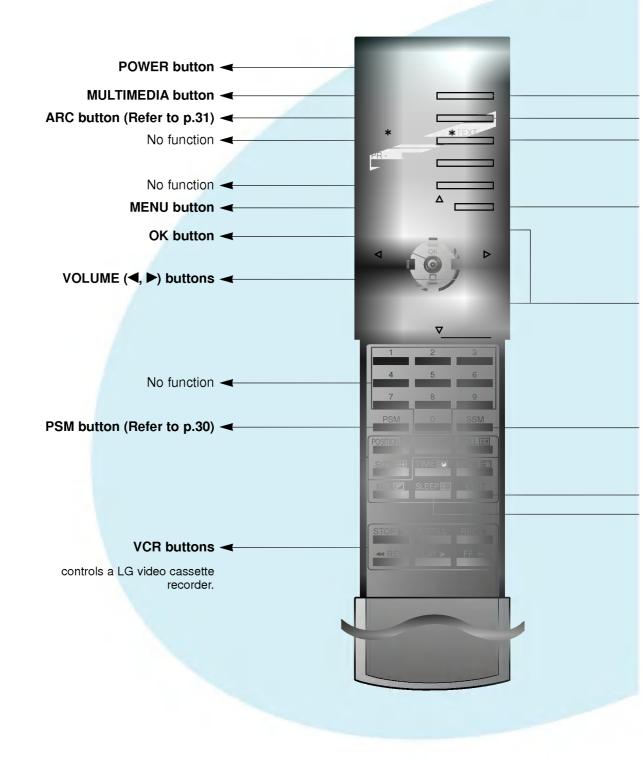
Special function

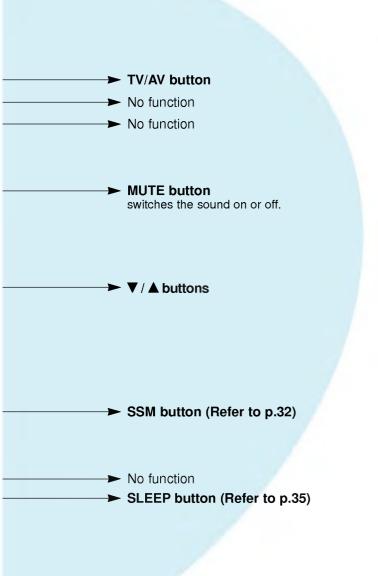
11

First step

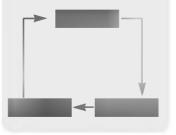
## **Controls of the remote control**

- Some buttons on this remote control does function only when the Monitor is connected with RT/RZ-BA10 (the PDP tuner).
- When using the remote control aim it at the remote control sensor of the Monitor.





TV/AV button on the remote control Each press of this button changes the mode as below.



MULTIMEDIA button on the remote control Each press of this button changes the mode as below.



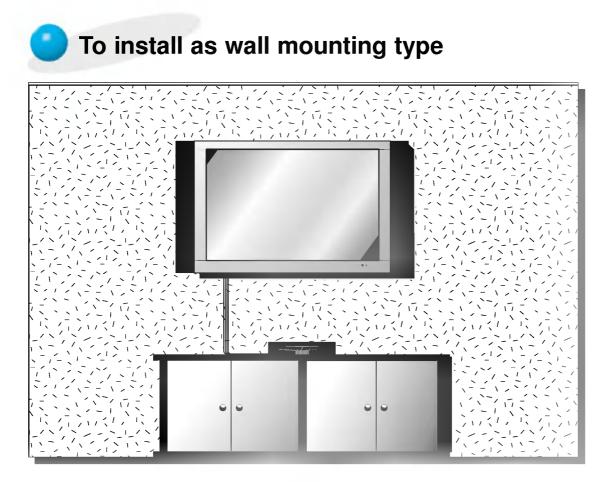
Basic function

First step

Special function

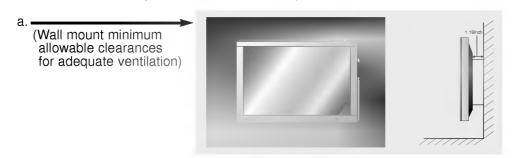
## Installation of the Monitor

- The Monitor can be installed in various ways such as wall mounting type, desktop type, etc..



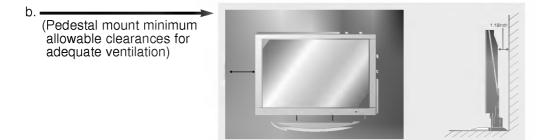
• The monitor can be installed on the wall as the picture above. (For further information, refer to '(Tilt) wall mounting bracket owner's manual'.)

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





• The monitor can be installed on the desk as the picture above. (For further information, refer to 'Desktop stand owner's manual'.)



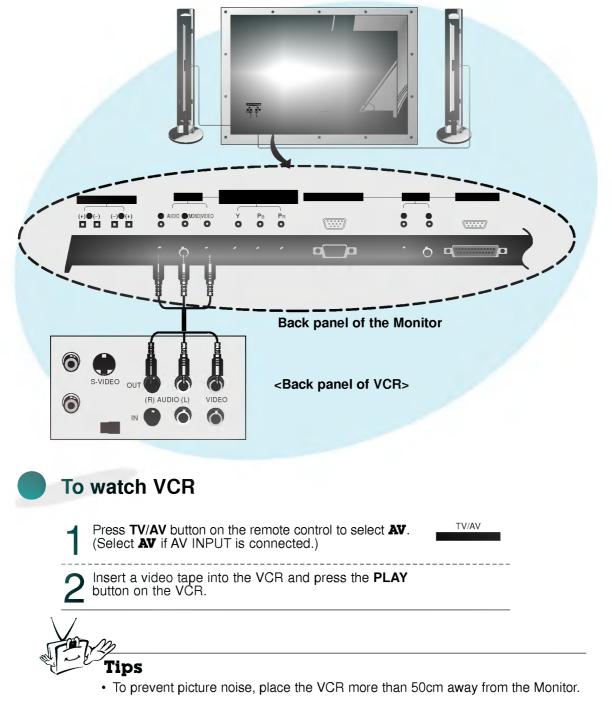
Basic function

First step

Special function

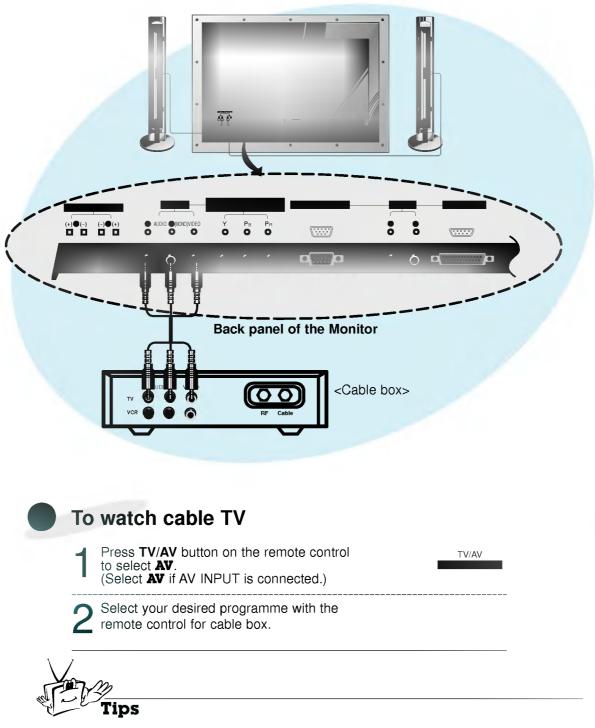
# Watching VCR

- When connecting the Monitor with external equipments, match the colours 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
- Monitor.
- Avoid having a fixed image remain on the screen for a long period of time. Typically a frozen still pic-ture from a VCR, 16:9 picture format or if a CH label is present; the fixed image may remain visible on the screen.



# Watching Cable TV

- After subscribing for a local cable TV station and installing a converter you can watch cable TV.

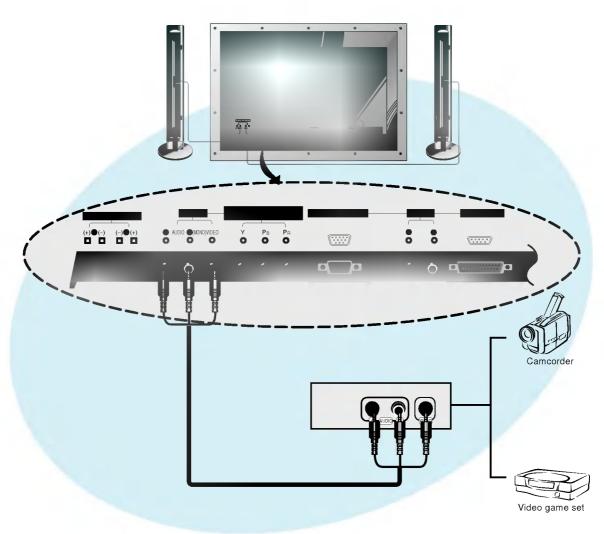


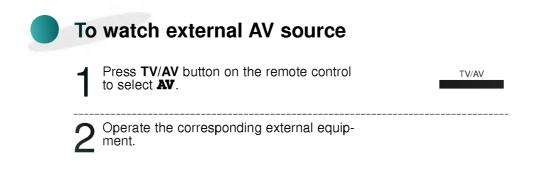
• For further information of cable TV, contact the local cable TV station.

Composition

# Watching external AV source

- When connting the Monitor with external equipments, match the colours of connecting ports.

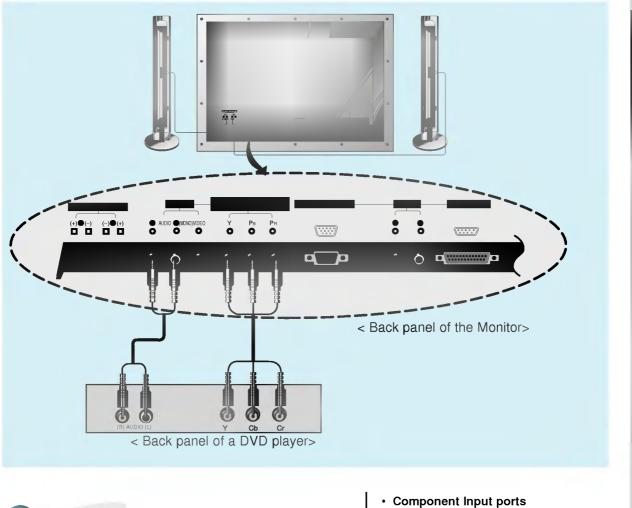




# Watching DVD

### How to connect

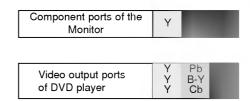
- DVD input is set as 480i/480p mode.
- Connect DVD video inputs to Y, P<sub>B</sub>, P<sub>R</sub> of COMPONENT (480i/480p) (DVD INPUT) and audio inputs to Audio sockets of AV INPUT.



- Press MULTIMEDIA or TV/AV button on the remote control to select COMPONENT.
- Try this after turning on the DVD player.

How to use

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



Composition

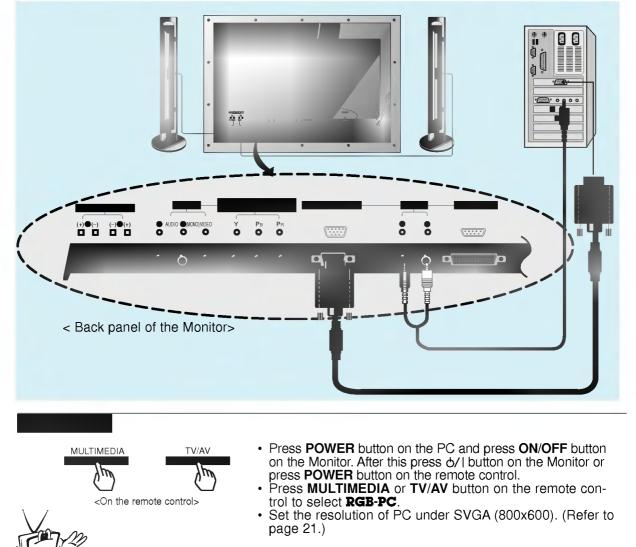
Special function

# **Connecting PC**

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

#### Set the video mode of PC to VGA/SVGA to obtain the best picture quality for the Monitor. ٠

- If the resolution of PC is over SVGA, there will be no picture on the Monitor.
- · Connect the signal cable from the monitor output port of the PC to the RGB-PC INPUT(VGA/SVGA) port of the Monitor.
- Connect the audio cable from the PC to the Audio ports of the Monitor. (Audio cables not included with the Monitor)
- In case of using a sound card adjust PC sound properly.



### Tips

- If still picture is on the screen for a long period time, Screen Burn !
  If the resolution of PC is over SVGA, connect to the RGB-PC INPUT(VGA/SVGA) port of the Monitor after changing the resolution of PC under SVGA.
- If picture isn't be displayed properly by conneting a non-standard PC, contact your dealer for more information.



## **Displayable Monitor Specification**

Resolution	Horizontal Frequency (KHz)	Vertical Frequency (Hz)
640x400	37.861	85.08
720x400	31.469	70.08
	31.469	59.94
640,490	35.000	66.66
640x480 (VGA)	37.861	72.80
	37.500	75.00
	43.269	85.00
	35.156	56.25
800x600	37.879	60.31
(SVGA)	48.077	72.18
	46.875	75.00
	53.674	85.06
832x624	49.725	74.55

First step

Composition

Special function

# Function checking in PC mode

- Make sure to select RGB-PC before operating.

MENU	1	Repeatedly press the MENU b	putton.
		Contrast 100 ☆ Brightness 55 ☆ Colour 50 ⊠ Sharpness 60 ☆ Tint 0 	
			•
		Clock phase 15 Auto-configure Reset	Equalizer Flat Balance 0
		<special menu=""></special>	<sound menu=""></sound>
PR	2	<ul> <li>Press the ▲ / ▼ button to sele</li> <li>The selected menu item changes fr</li> </ul>	
VOL VOL OK	3	<ul> <li>Press the ◄ / ► button to chan menu item.</li> <li>Press the TV/AV button to exit.</li> </ul>	ge the setting of a
TI TI	ps		

• Only when **Equalizer** is set to **User**, **Treble** and **Bass** are displayed and can be adjusted.

# Adjusting in PC mode

### Auto configure

MENU

- This function is for the automatic adjustment of the screen position and clock phase.

Repeatedly press the **MENU** button to select the special menu.



Press the ▲ / ▼ button to select Autoconfigure and then press the ◀ / ► button.



Press the **OK** button.

ОК

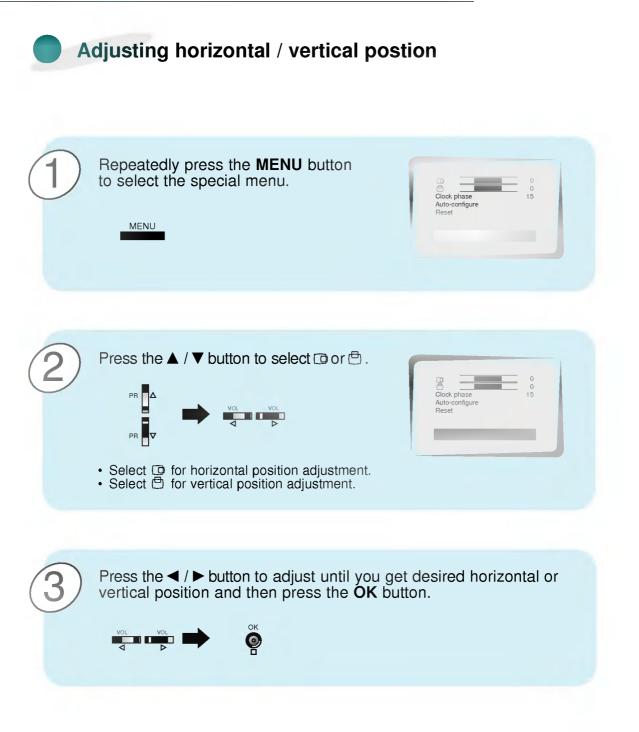
• If picture needs to be adjusted more after auto adjustment, adjust your Monitor's position and clock phase manually.

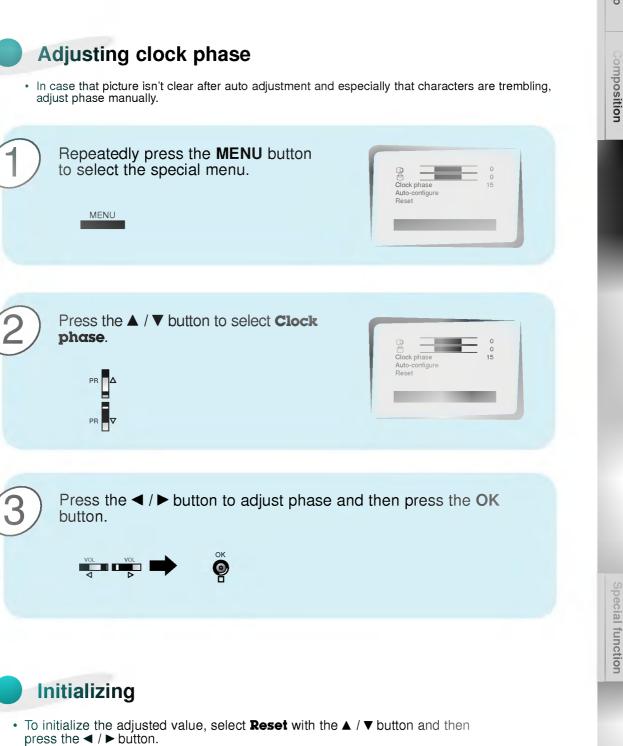


First step

Composition

# Adjusting in PC mode





First step

## Using the remote control



- Open the battery compartment cover on the back side and insert the batteries with correct polarity.
- Apply two 1.5V alkaline batteries of AAA type. Don't mix the used batteries with new batteries.



• Install the batteries with the correct polarities.

#### Notes for using the remote control

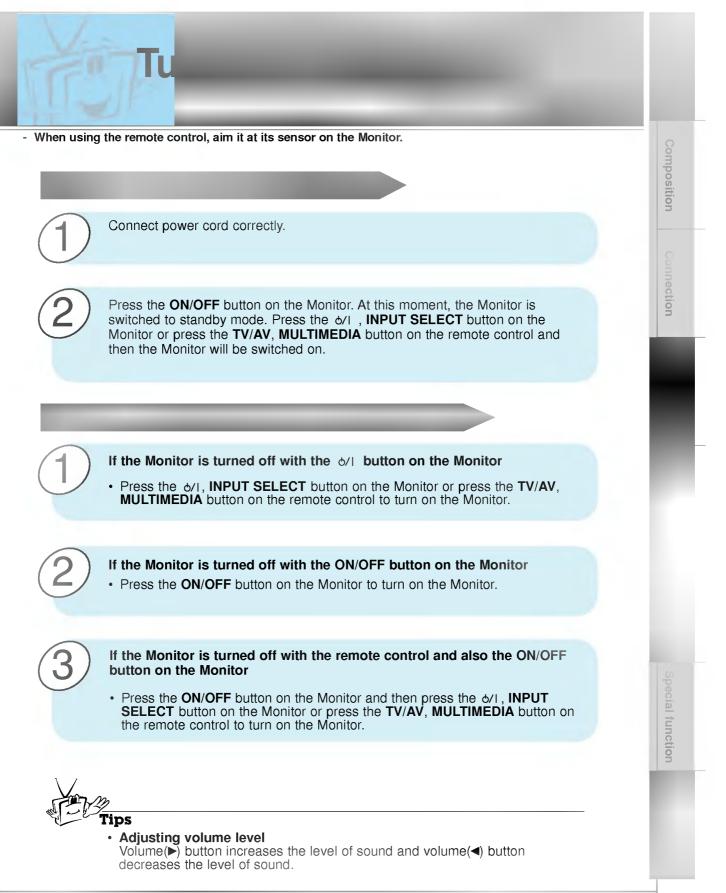
Make sure these are no objects between the remote control and its sensor.

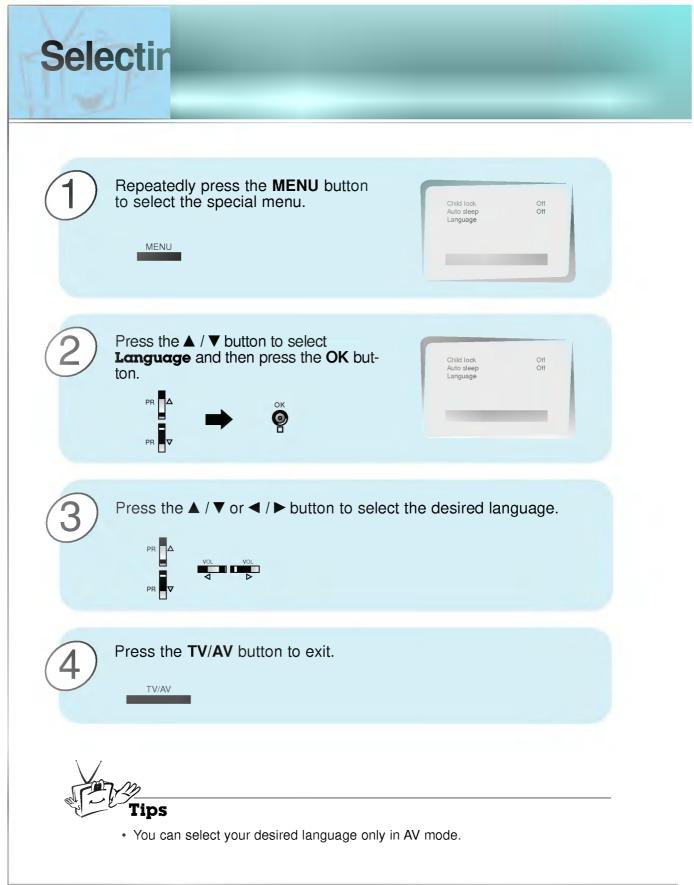
Don't place the remote control near a heater or damp place. Strong impact on the remote control may cause operation failure.

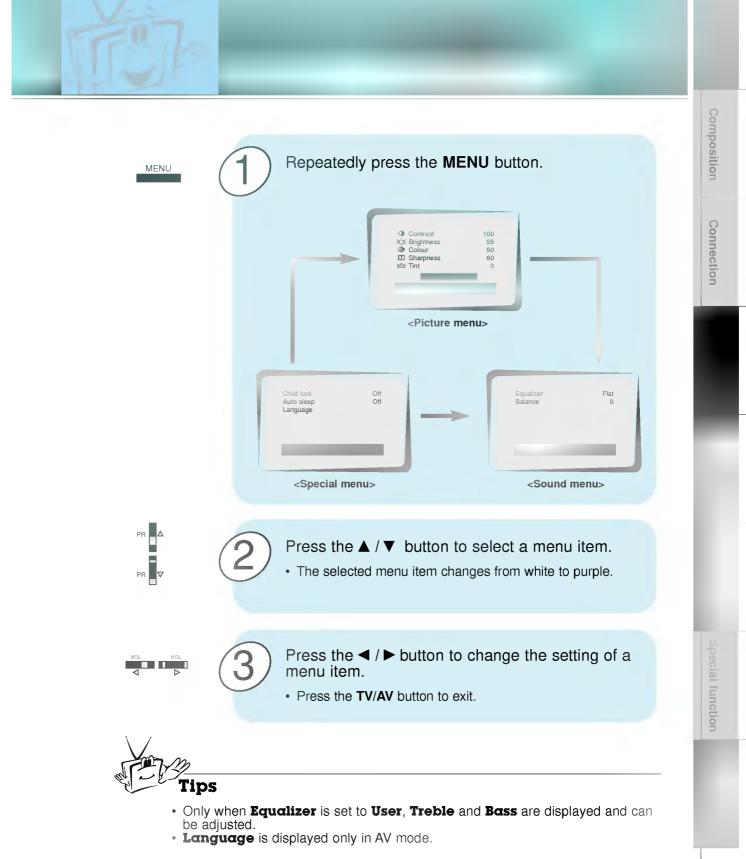


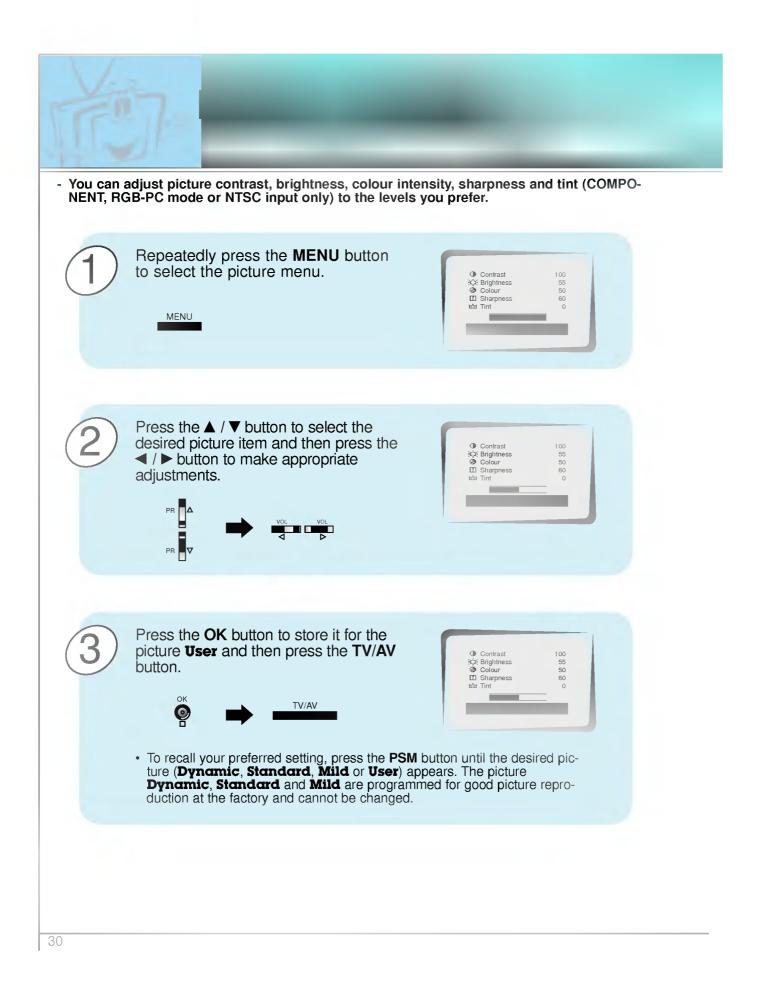
Signal from the remote control may be disturbed by sun light or other strong light. In this case, turn the set to other direction.













- You can watch Plasma Display in various picture formats; 4:3 (Standard), 16:9 (Wide) or Zoom.
- Avoid having a fixed image remain on the screen for a long period of time. Typically a frozen still picture from a VCR, 16:9 picture format or if a CH label is present; the fixed image may remain visible on the screen.

m	Repeatedly press the <b>ARC</b> button to select your desired picture format.
/	<ul> <li>4:3 This picture format is 4 to 3 of general Plasma Display.</li> </ul>
	<ul> <li>16:9         You can enjoy the cinema (the picture format of 16:9) or general Plasma Display programme through the 16:9 mode.         The screen 16:9 is viewed just like that but the screen 4:3 is magnified to the left and right so that the screen 16:9 is full.     </li> </ul>
	• <b>Zoom</b> You can enjoy the cinema in a vast screen through the Zoom mode. The screen 4:3 is magnified to the upper/lower sides so that the screen 16:9 is full. The bottom and top of the picture may be lost.

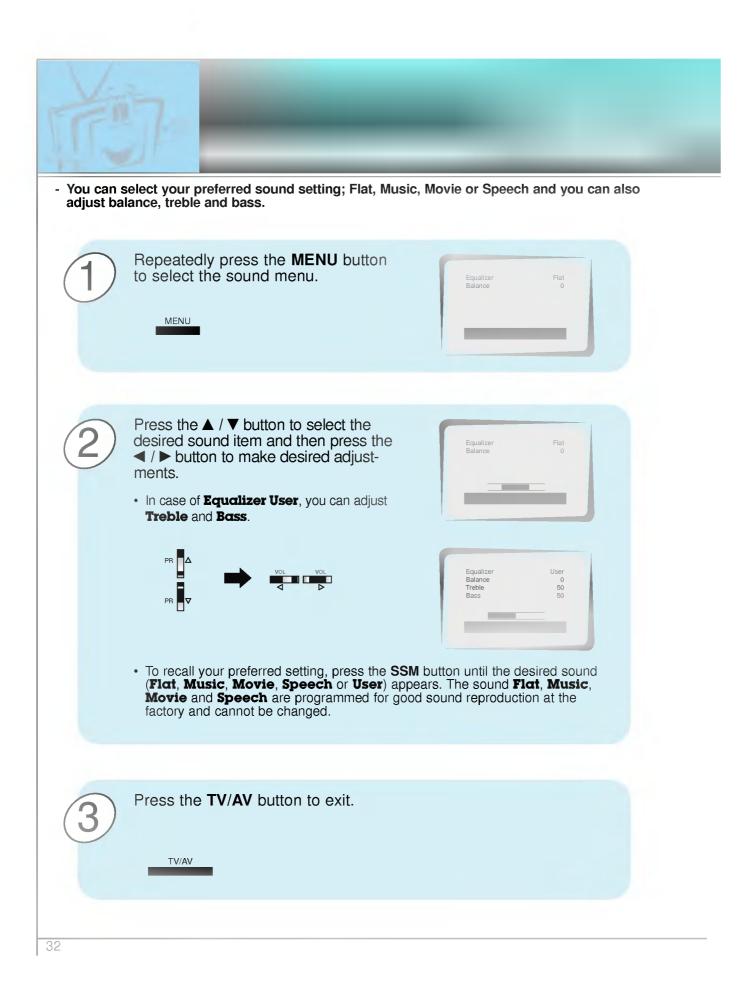
- is reset to the 4:3.
  In COMPONENT mode, this function doesn't work.
  Only when receiving RGB-PC signal (over 800 x 600) in RGB-PC mode, you can select Zoom.

Composition

Connectio

**Basic function** 

pecial function



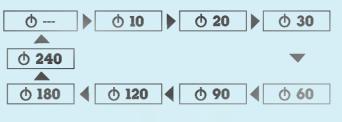
- The Monitor can be set so that the remote control is needed to control it. This feature can be used to prevent unauthorized viewing. Repeatedly press the **MENU** button to select the special menu. Child lock Auto sleep Language Off Off MENU **Basic function** Press the ▲ / ▼ button to select Child lock. Child lock Auto sleep Language Off Off PR PR 🗸 Press the  $\triangleleft$  /  $\triangleright$  button to select **On**. Child lock Auto sleep Language On Off • With the lock on, the display Child lock on appears on the screen if any button on the Monitor is pressed while viewing the Plasma Display. Press the TV/AV button to exit. TV/AV 

T.	7-		
<ul> <li>If you select a approximatel</li> </ul>	Auto sleep On, the Monitor will automati y ten minutes after no input signal.	cally switch itself to	standby mode
1 Re to	epeatedly press the <b>MENU</b> button select the special menu.	Child lock Auto sleep Language	Off
Pr	ess the ▲ / ▼ button to select Auto		
	PR A	Child lock Auto sleep Language	Off
3 Pr	ess the ◀ / ► button to select <b>On</b> .	Child lock Auto sleep Language	Off On
( <b>4</b> ) Pr	ess the <b>TV/AV</b> button to exit.		

- You don't have to remember to switch the Monitor off before you go to sleep. The sleep timer automatically switches the Monitor to standby after the preset time elapses



Press the **SLEEP** button to set sleep time. Each time you press this button setting time is changed as below.





 To release sleep time setting, press the SLEEP button repeatedly to select O ---.

Tips

- To view the remaining sleep time, press the SLEEP button once.
- When you switch the Monitor off, the Monitor releases the preset sleep time.

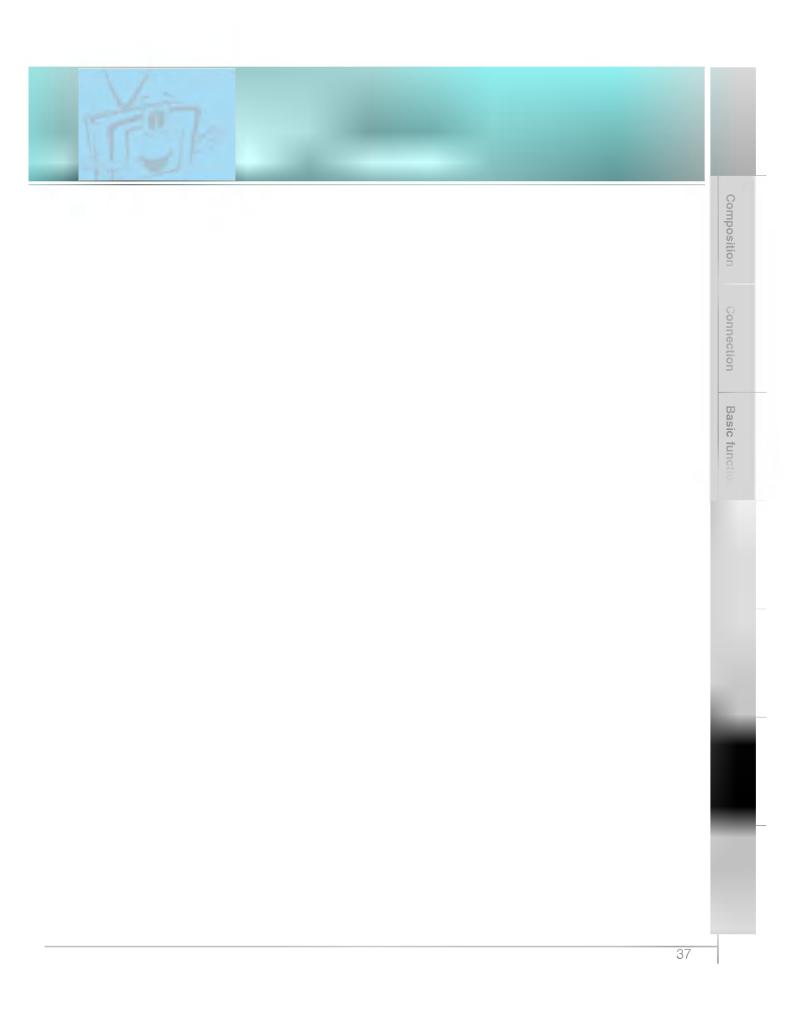
Composition

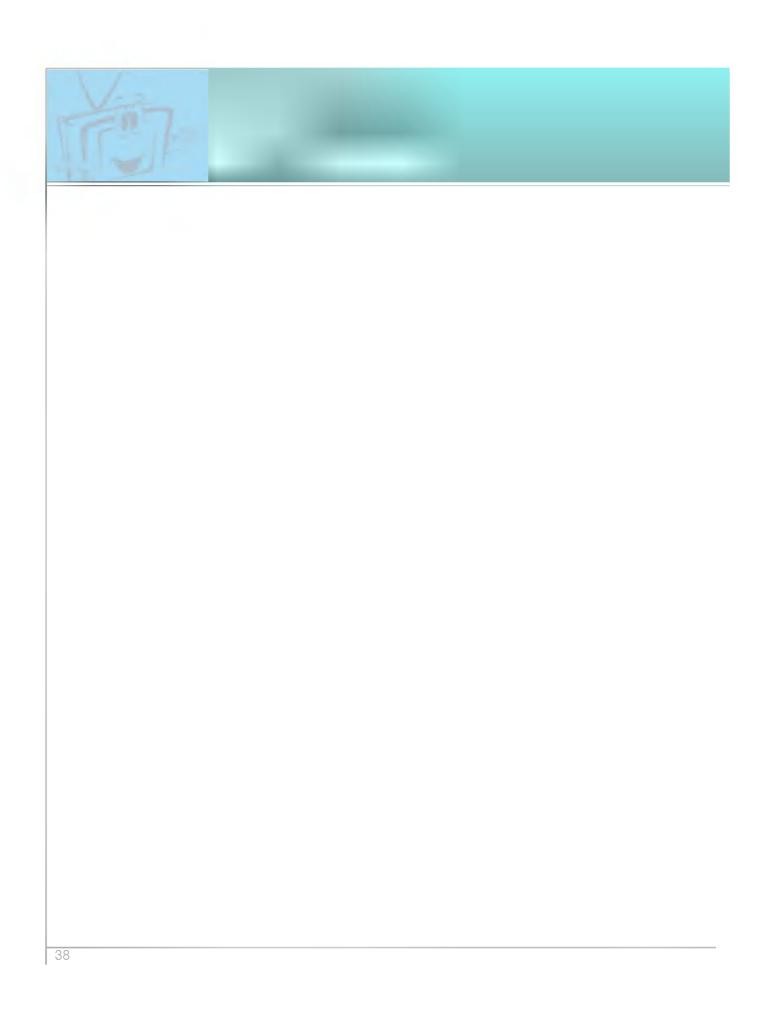
Connection

**Basic function** 

# **Troubleshooting check list**

No picture & No sound	<ul> <li>Check whether the Monitor is turned on.</li> <li>Check the power cord.</li> <li>Plug another product's power cord into the wall outlet whe the Monitor's power cord was plugged in.</li> </ul>	
Picture OK & No sound	<ul> <li>Press the VOLUME (►) button.</li> </ul>	
The remote control doesn't work	Check to see if there is any object between the Monitor and the remote control causing obstruction.	
	Check to see if the batteries are installed with the correct polarities. (Refer to p.26)	
	Replace new batteries. (Refer to p.26)	
	Adjust nisture items in the nisture manu. (Defer to n.20)	
No or Poor colour or Poor picture	Adjust picture items in the picture menu. (Refer to p.30)	
	• Keep a certain distance between the Monitor and the VCR.	
	<ul> <li>Activate any function to restore the brightness of the picture. (If still picture is on the screen for more than 5 minutes, the screen gets dark.)</li> </ul>	
Poor stereo sound	<ul> <li>Check the kind of input signal.</li> </ul>	
No output from one of the Speakers	<ul> <li>Adjust <b>Balance</b> in the sound menu. (Refer to p.32)</li> </ul>	
Strange sound from the Monitor	<ul> <li>The reason strange sound comes from the Monitor when tur ing the Monitor on or off is due to the signals being input or output to the Monitor. This strange noise does not mean tha the Monitor is faulty.</li> </ul>	







MODEL	MT/MZ-40PA10/B/G/K/S MT/MZ-40PA11/B/G/K/S	MT/MZ-42PZ10/B/G/K/S MT/MZ-42PZ11/B/G/K/S
Width (inches)	36.6	41.6
Height (inches)	28	25
Depth (inches)	3.1	3.2
Weight (pounds)	71.8	66.1
Power requirement	AC110-240V ~ 50/60Hz	
Resolution	640 x 480 (Dot)	640 x 480 (Dot)
Colour	16,770,000 (256 steps of each R, G and B)	

• This product specifications above can be changed without notice for quality improvement.

Special function

Composition

Connection

**Basic function** 

