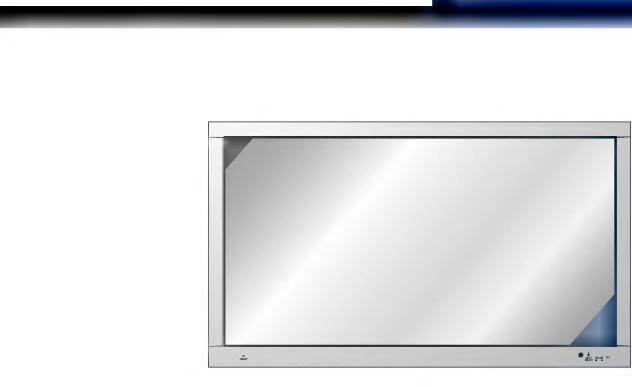


Please read this owner's manual carefully before operating the Monitor. Retain it for future reference. Record model number and serial number of the Monitor. See the label attached on the back of the Monitor and quote this information to your dealer when you require service.

Model number : Serial number :





LG Plasma Monitor

What is a Plasma Monitor?

If voltage is inputted to gas in glass panels, ultraviolet rays is outputted and fused with a fluorescent substance. At this moment, light is emitted. A Plasma Monitor is a next generation flat Display using this phenomenon.

160° - Wide angle range of vision

A Plasma Monitor provides more than 160° angle range of vision so that you can get a picture without distortion from any direction.

Easy installation

A Plasma Monitor is much lighter and smaller than other same class products so that you can install the Plasma Monitor at the desired place.

Big screen

The screen of a Plasma Monitor is 42" so that you can get vivid experience as if you are in a theatre.

Multimedia Plasma Monitor

A Plasma Monitor can be connected with a computer so that you can use it as a screen for conference, game, internet and so on.

The explanation about coloured dots may be present on PDP screen

The PDP which is the display device of this product is composed of 0.9 to 2.2 million cells and a few cell defects can occur in the manufacture of the PDP. Several coloured dots vis-ible on the screen would be acceptable, in line with other PDP manufacturers and would not mean that the PDP is faulty. We hope you will understand that the product which cor-responds to this standard is regarded as acceptable. It means that it could not be changed or refunded.

We promise that we'll do our best to develop our technology to minimize the cell defects.

WARNING

This is Class B product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

WARNING

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



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Basic function

Turning on the Monitor	27
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Picture

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Sound	
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Special function

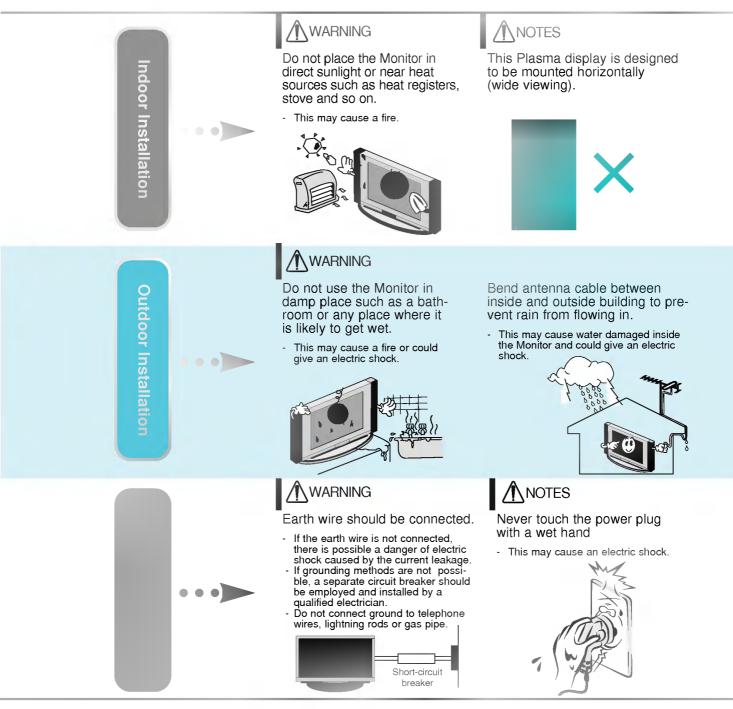
Child lock	
Auto sleep	
Sleep timer	
O	
Others	

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

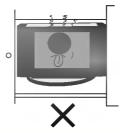
Disconnect from the mains and remove all connections before moving.



NOTES

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

- Ventilation required.



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.



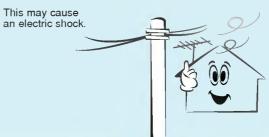
NOTES

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.



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.

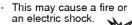


Ensure the power cord doesn't trail across any hot objects like a heater.

 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.

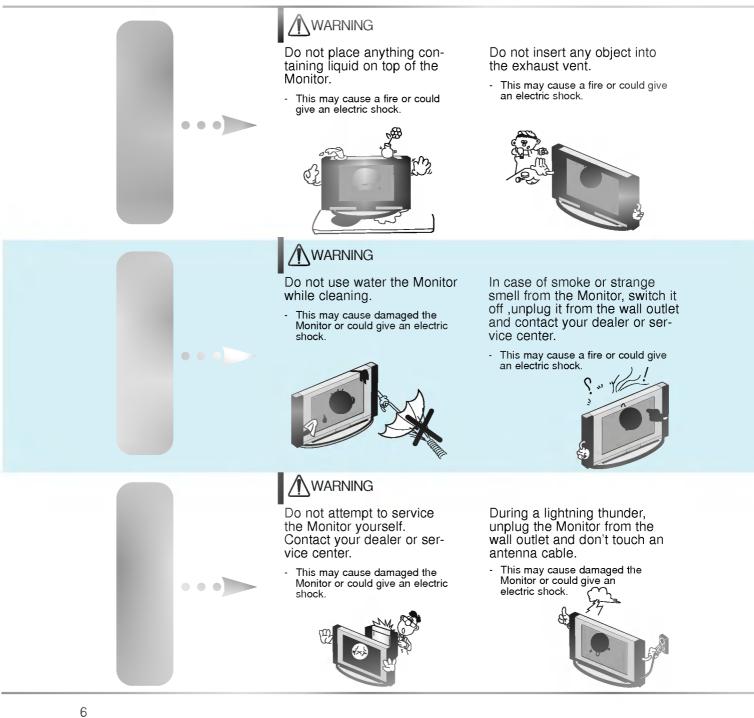




Connection

Special function

Safety Instructions



/ WARNING in U.K. only

This set is supplied with a BS 1363 approved 13 amp mains plug, fused at 13 amp. When replacing the fuse always use a 13 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 $\stackrel{-}{=}$ or coloured green or green and yellow. If any other plug is fitted, use a 13 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.

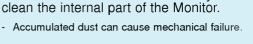
This may cause the Monitor to fall, causing serious injury to a child or adult, and serious damage



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

to the

Monitor



NOTES

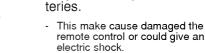
The distance between eyes and the screen should be about 5 ~ 7 times as long as diagonal length of the screen.

- If not, eyes will strain.



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

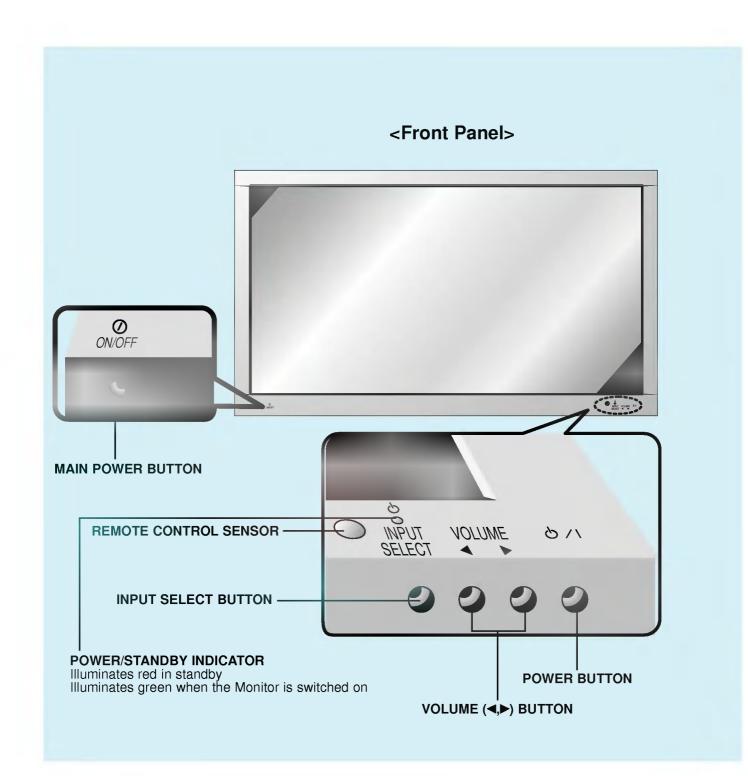
Accumulated dust may cause a fire or an electric shock from deterioration or electric leakage.

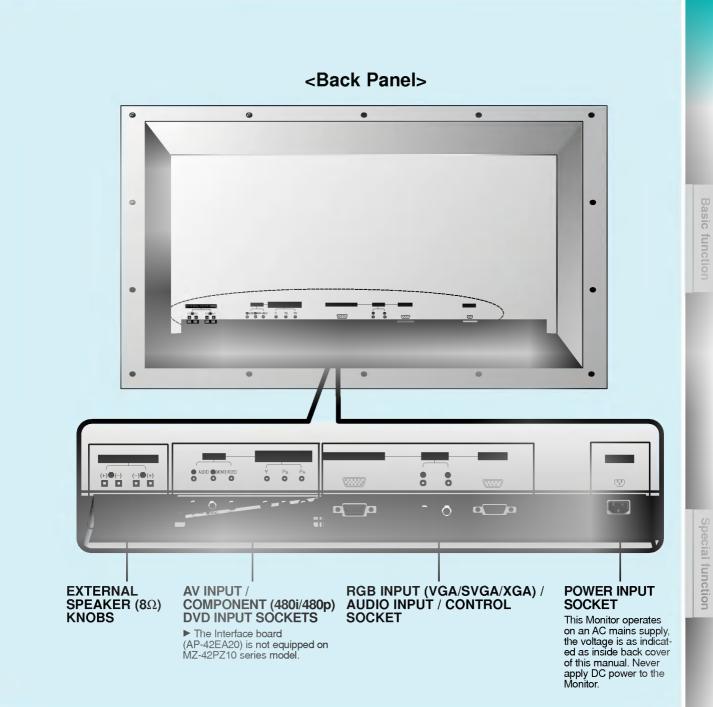




Only use the specified bat-

Controls of the Monitor





First step







Power cord



C LE LG TY ~~

Owner's Manual

Alkaline batteries (Optional)

1.5

Phone scart cable (Optional)



- 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-42WA20M series (Tilt wall mounting bracket)



AP-42EA20 (Interface board)



AP-42WA10 series (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-42CA10 series (Ceiling mounting bracket)



AP-42DA10 series (Desktop stand)



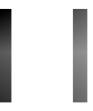
AP-42SA10D series (Speaker stand)



Video cables



AP-42FA10 series (Floor type stand)



AP-42SA10 series (Speakers)



AP-42SA10F series (Floor type speaker stand)



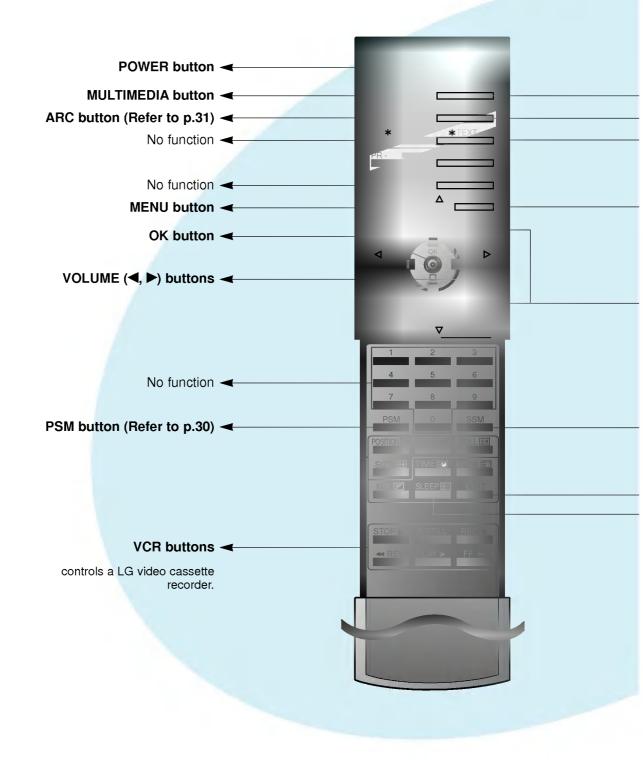
Audio cables

Basic function

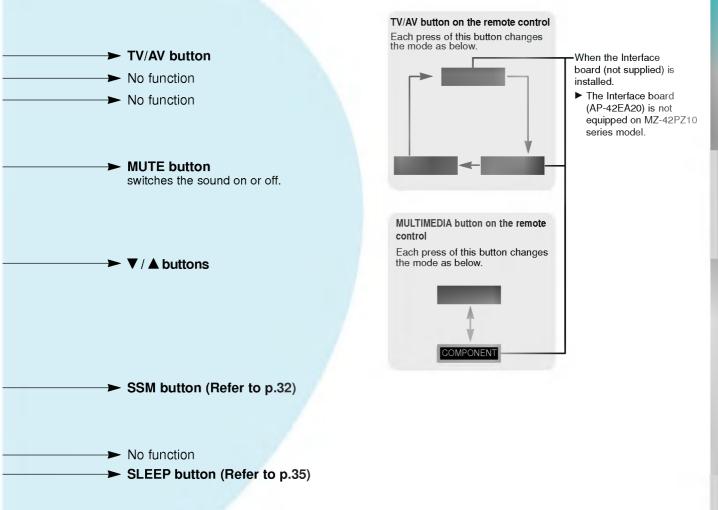
Special function

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.

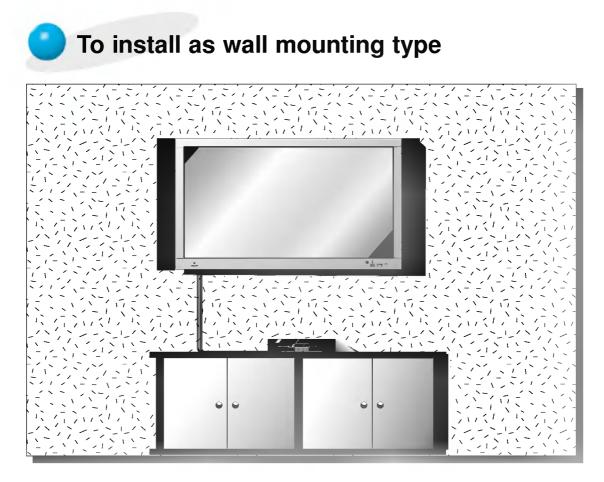






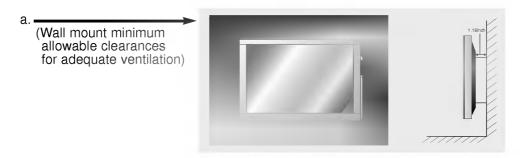
Installation of the Monitor

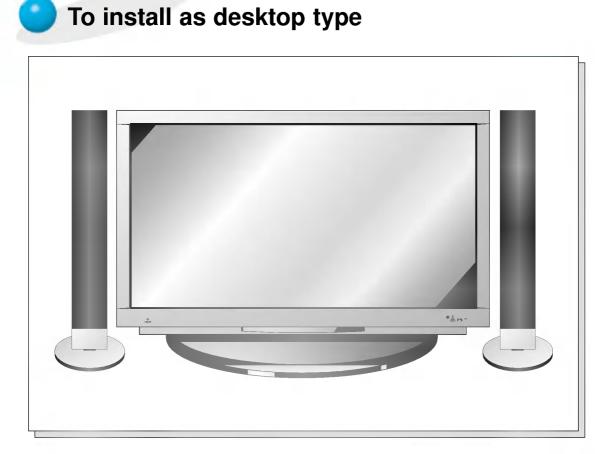
- The Monitor can be installed in various ways such as wall mounting type, desktop type, etc..



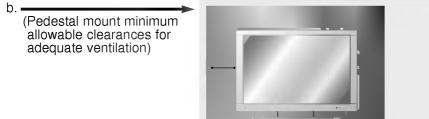
• The monitor can be installed on the wall as the picture above. (For further information, refer to '(Tilt) wall mounting bracket owner's manual'.)

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

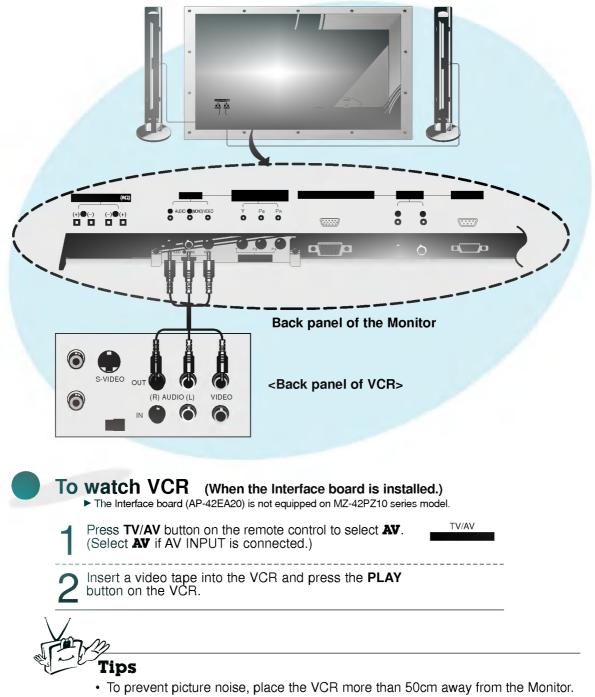
First step

Special function

15

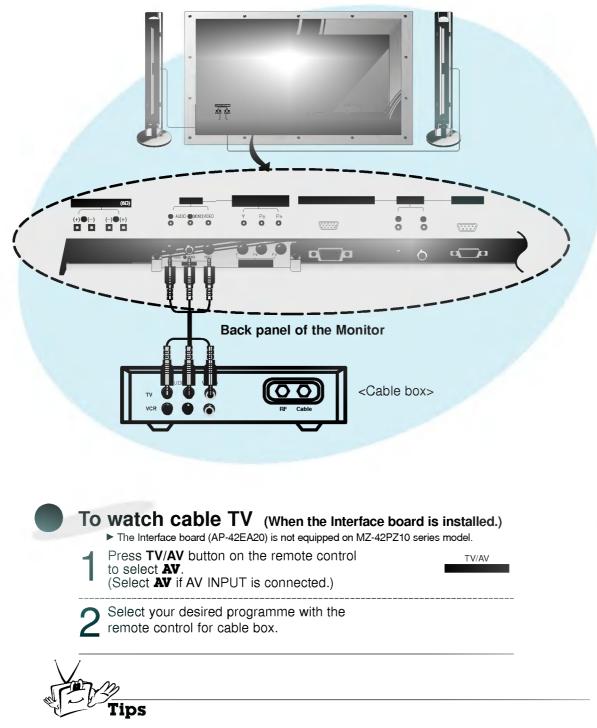
Watching VCR

- 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 picture from a VCR, 4:3 picture format or if a CH label is present; the fixed image may remain visible on the screen.



Watching Cable TV

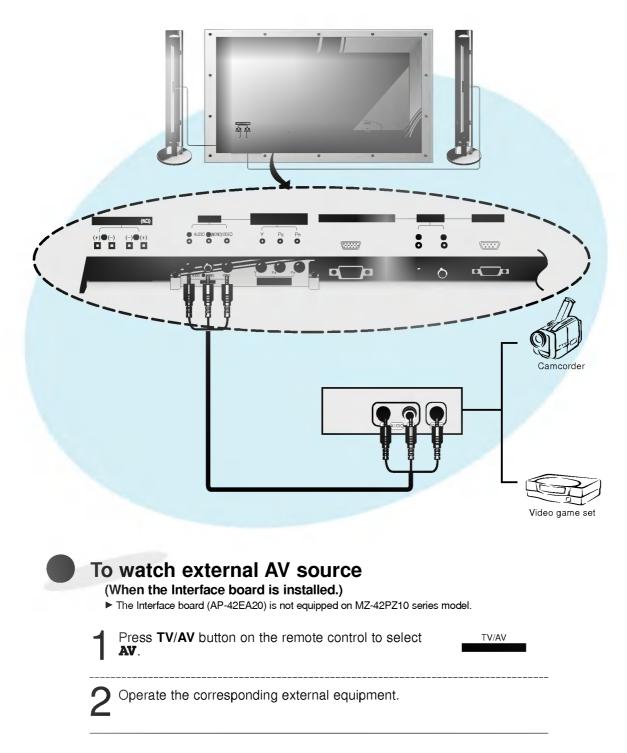
- After subscribing for a local cable TV station and installing a converter you can watch cable TV.



Composition

Watching external AV source

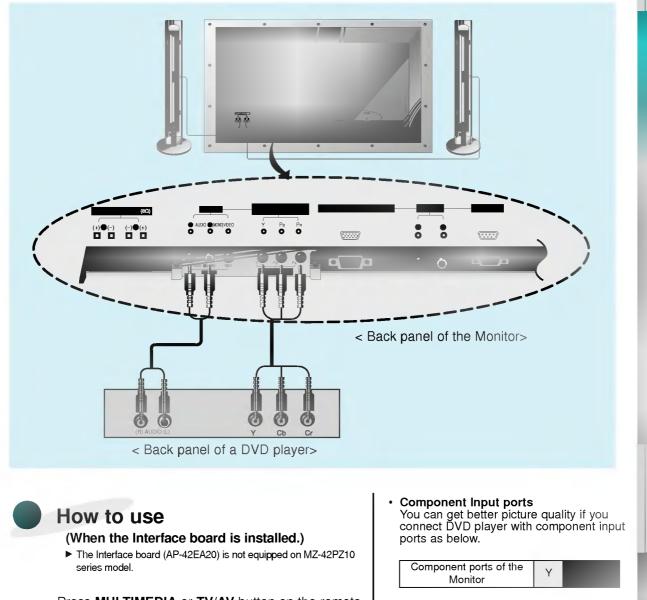
- When connting the Monitor with external equipments, match the colours of connecting ports.



Watching DVD

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

- ► The Interface board (AP-42EA20) is not equipped on MZ-42PZ10 series model.
- DVD input is set as 480i/480p mode.
- Connect DVD video inputs to Y, P_B, P_R 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.

B-Y Cb

Y Y

Video output ports

of DVD player

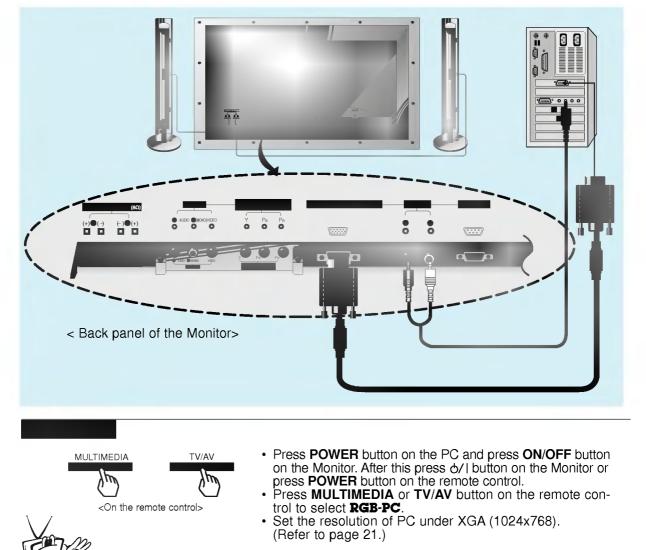
Special function

First step

Composition

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/XGA to obtain the best picture quality for the Monitor.
- If the resolution of PC is over XGA, there will be no picture on the Monitor. · Connect the signal cable from the monitor output port of the PC to the RGB
- INPUT(VGA/SVGA/XGA) 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 XGA, connect to the RGB INPUT(VGA/SVGA/XGA) port of the Monitor after changing the resolution of PC under XGA.
- 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
C10v100	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
1024x768	48.363	60.004
(Compressed	56.476	70.069
XGA)	60.023	75.029

First step

Composition

Function checking in PC mode

- Make sure to select **RGB-PC** before operating.

MENU	1	Repeatedly pres	ss the MENU	button.
			Colour 5 Sharpness 6	
			<picture menu=""></picture>	
		Clock phase 15 Auto-configure Reset	-	Equalizer Flat Balance 0
		<special menu=""></special>		<sound menu=""></sound>
	2			lect a menu item. from white to purple.
OK	3	Press the ◀ / ► menu item. • Press the TV/AV		nge the setting of a
	ps			d Bαss are displayed and

- Only when Equalizer is set to User, Treble and Bass are displayed and can be adjusted.
 Language is displayed only in PC mode (special menu) when the Interface
- board is not installed and you can select your desired Language.
- ► The Interface board (AP-42EA20) is not equipped on MZ-42PZ10 series model.

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.

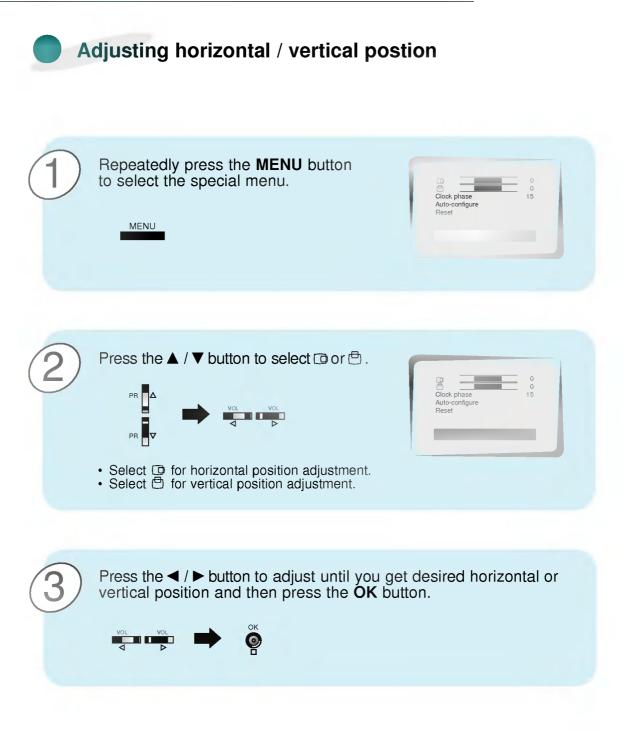


First step

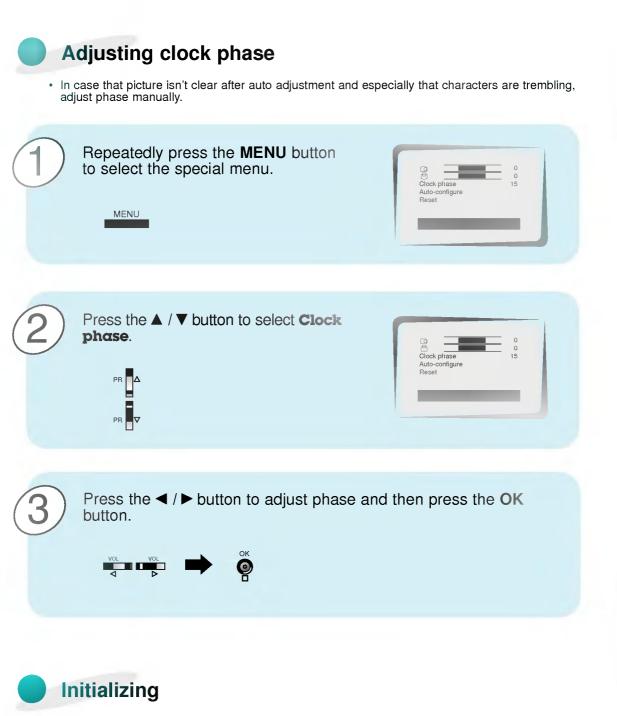
Composition

23

Adjusting in PC mode



Composition



To initialize the adjusted value, select **Reset** with the ▲ / ▼ button and then press the ◄ / ► button.

Special function

Using the remote control



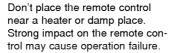
- Open the battery compartment cover on the back side and insert the batteries with correct polarity.
- Apply two 1.5V alkaline batteries of AAA type. Don't mix the used batteries with new batteries.



• Install the batteries with the correct polarities.

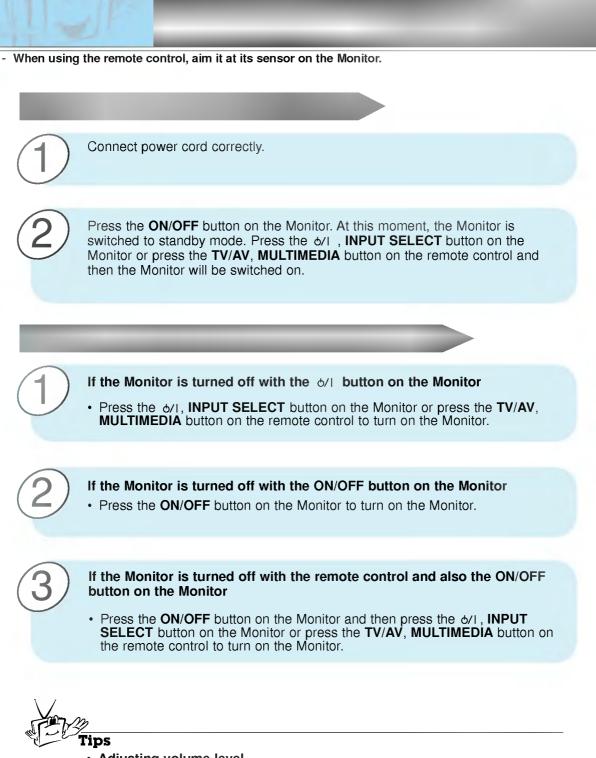
Notes for using the remote control

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



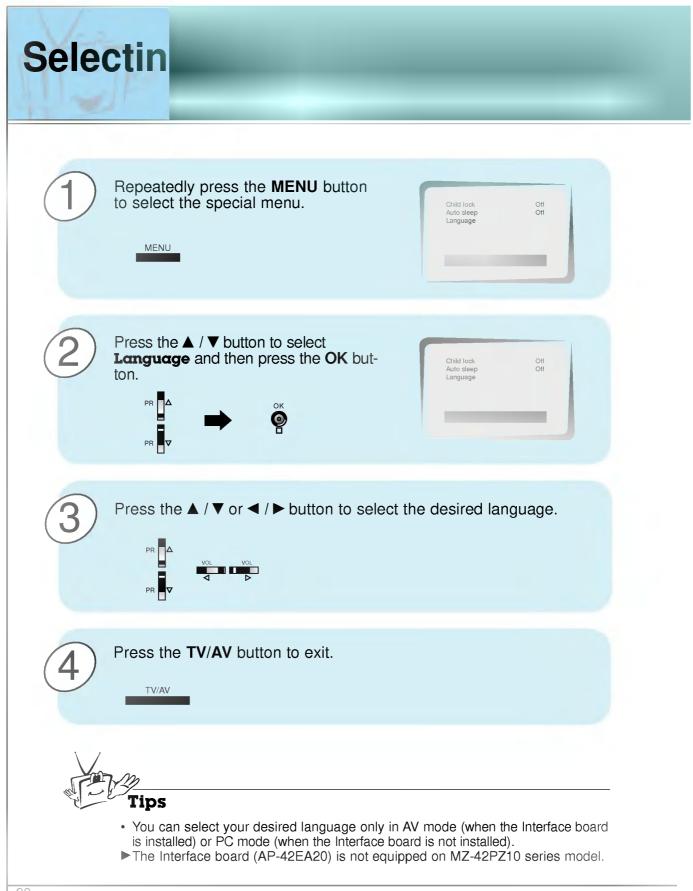
Signal from the remote control may be disturbed by sun light or other strong light. In this case, turn the set to other direction.



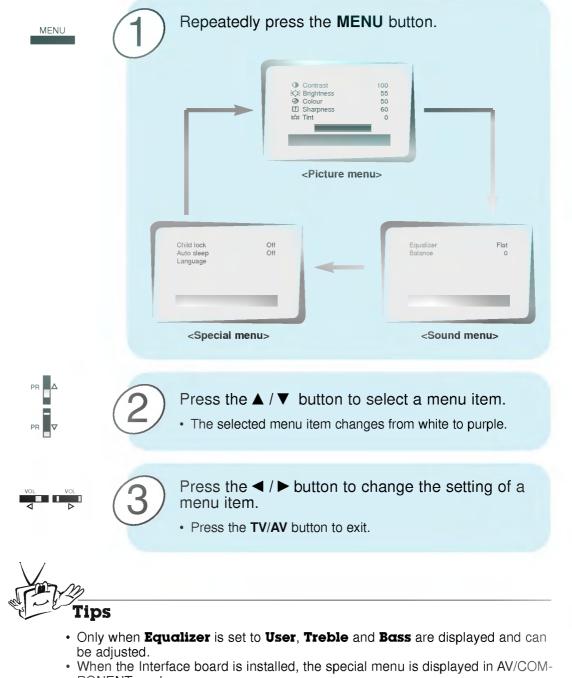


Adjusting volume level Volume(►) button increases the level of sound and volume(◄) button decreases the level of sound.

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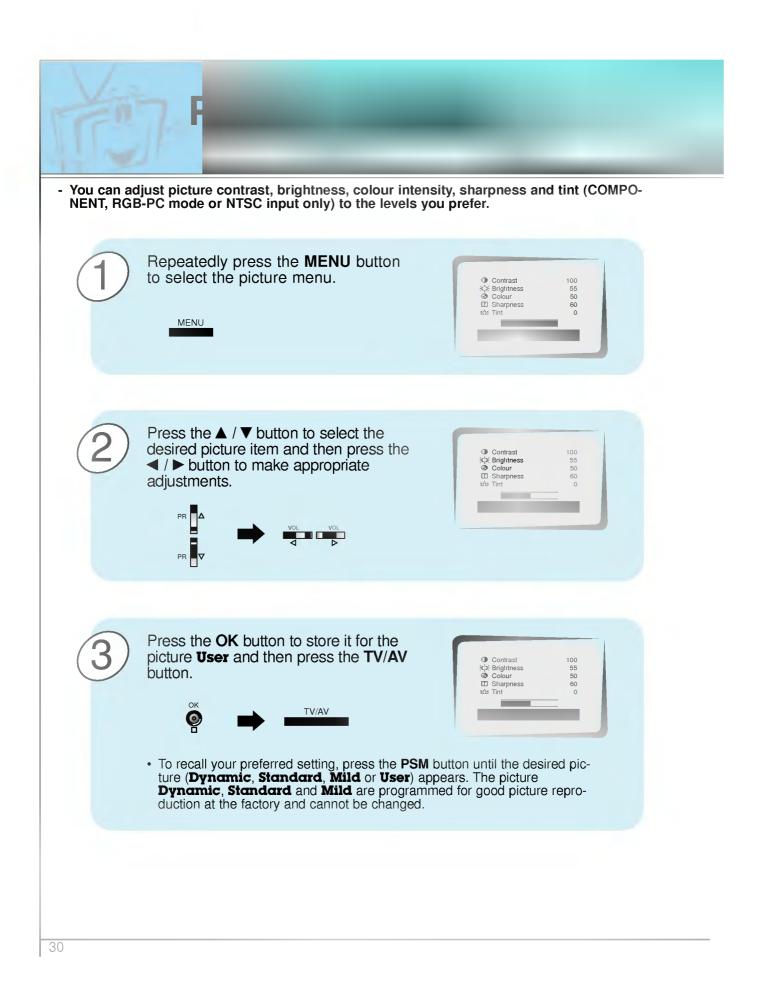




- PONENT mode.
- The Interface board (AP-42EA20) is not equipped on MZ-42PZ10 series model.

Special function

Connection



- You can watch Plasma Display in various picture formats; 16:9 (Wide), 4:3 (Standard), Zoom 1 or Zoom 2 in AV mode.
- 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.

ARC (Aspect Ratio Control)



Repeatedly press the **ARC** button to select your desired picture format.

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.

4:3

This picture format is 4 to 3 of general Plasma Display.

Zoom 1

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.

You can move the screen up/down with \blacktriangle / \blacktriangledown button.

Zoom 2

You can enjoy a larger magnified screen in this mode. The screen Zoom 2 is viewed just like that but the screen 16:9 is magnified more and more to the left and right so that the screen Zoom 2 is full.

• Zoom

Only when receiving over SVGA (800X600), you can select Zoom.

You can move the screen up/down or left/right with \blacktriangle / \blacktriangledown or \blacktriangleleft / \blacktriangleright button.

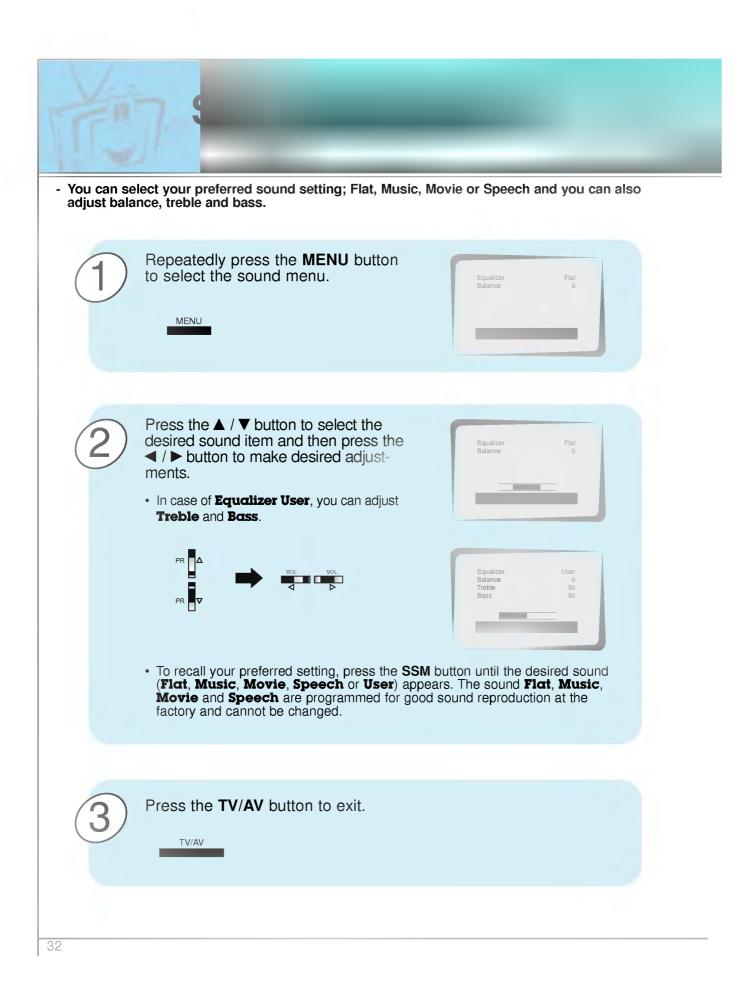
Γips

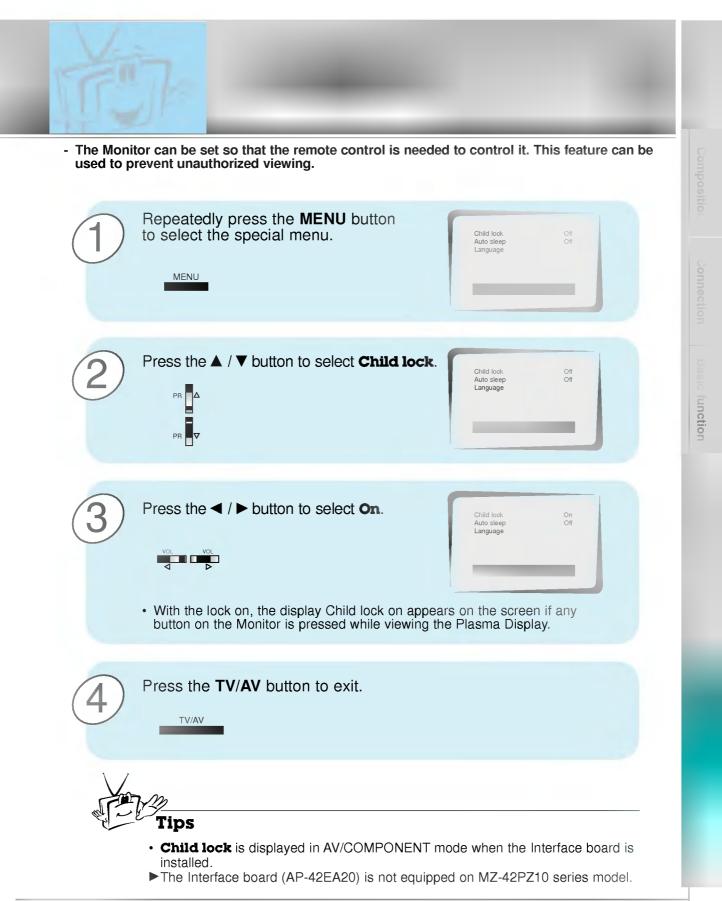
- When you switch the Monitor to standby or off, the picture format is reset to the 16:9.
- In COMPONENT mode only you can select 4:3.
 Only when receiving RGB-PC signal (over 800 x 600) in RGB-PC mode, you can select **Zoom**.

Composition

Connection

Basic function



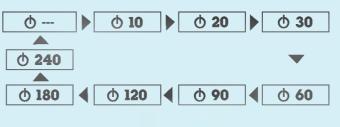


you selec proximat	ct Auto sleep On , the Monitor will automatically tely ten minutes after no input signal.	switch itself to s	standby mode
1	Repeatedly press the MENU button to select the special menu.	Chiid lock Auto sleep Language	Off
2	Press the ▲ / ▼ button to select Auto sleep.	Child lock Auto sleep Language	Off Off
	PR V	_	
3)	Press the ◀ / ► button to select On .	Child lock Auto sleep Language	Off On
		_	
4	Press the TV/AV 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 ---.



- To view the remaining sleep time, press the SLEEP button once.
- When you switch the Monitor off, the Monitor releases the preset sleep time.
- The Interface board (AP-42EA20) is not equipped on MZ-42PZ10 series model.

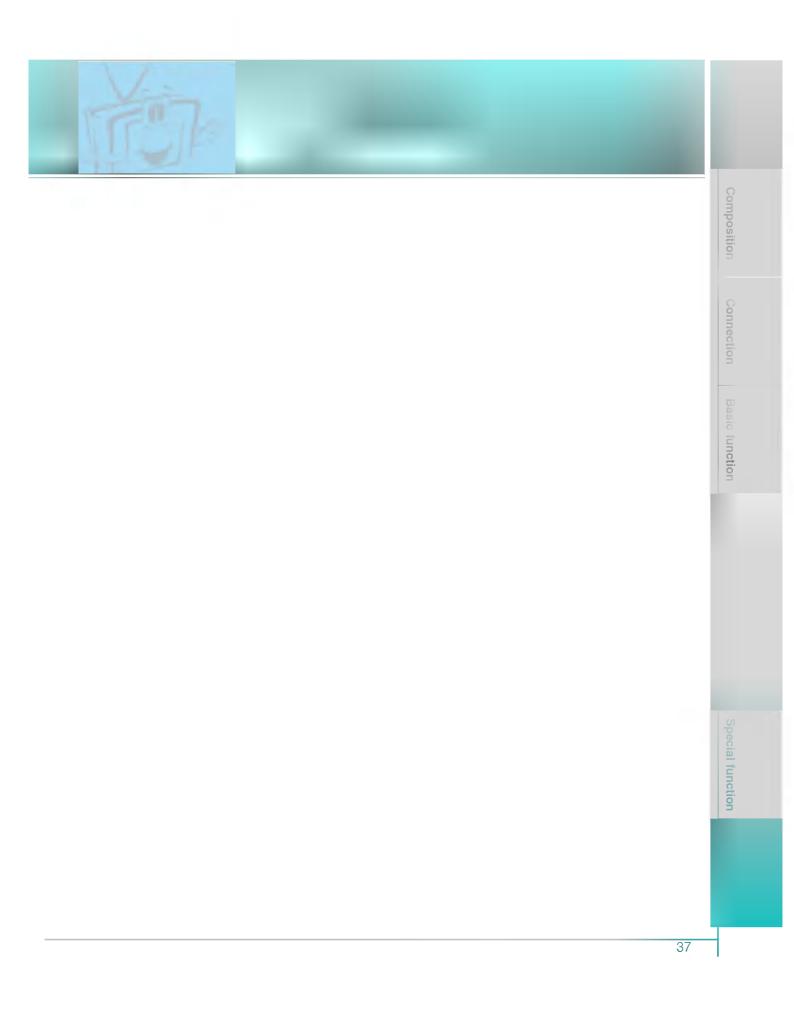
Composition

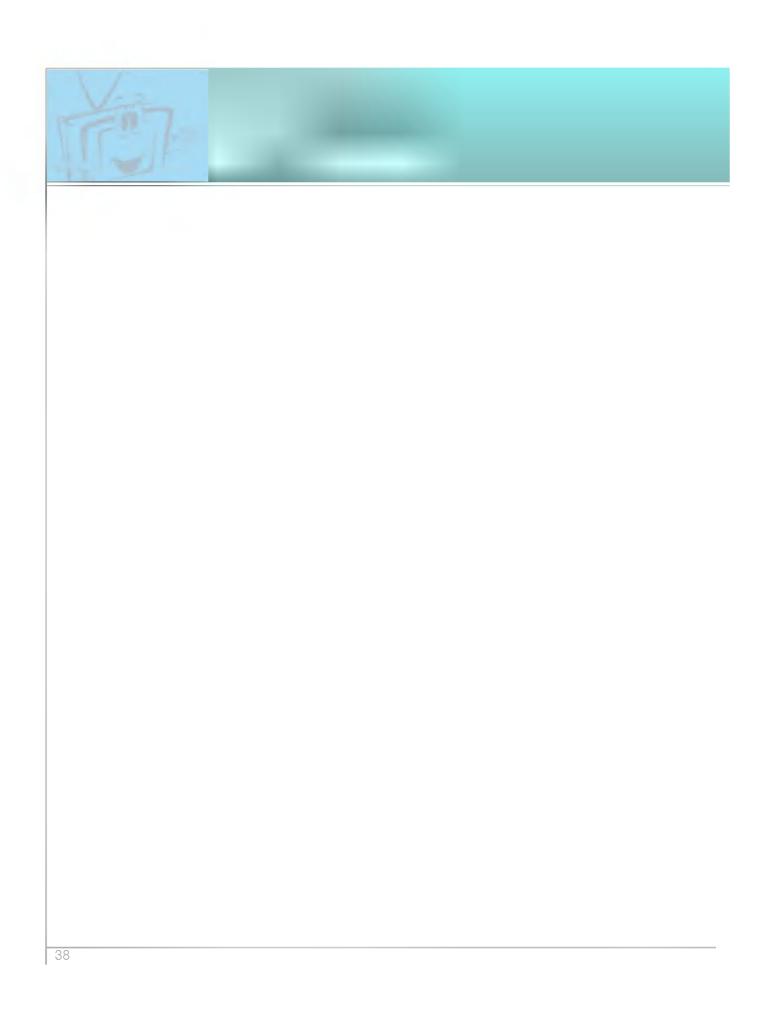
Connection

Basic function

Troubleshooting check list

No picture & No sound	 Check whether the Monitor is turned on. Check the power cord. 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 to see if there is any object between the Monitor and the remote control causing obstruction.
The remote control doesn't work	 Check to see if the batteries are installed with the correct polarities. (Refer to p.26)
	Replace new batteries. (Refer to p.26)
	Adjust picture items in the picture menu. (Refer to p.30)
	• Keep a certain distance between the Monitor and the VCR.
No or Poor colour or Poor picture	• 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.)
Poor stereo sound	Check the kind of input signal.
No output from one of the Speakers	 Adjust Balance in the sound menu. (Refer to p.32)
Strange sound from the Monitor	 The reason strange sound comes from the Monitor when turn ing the Monitor on or off is due to the signals being input or output to the Monitor. This strange noise does not mean that the Monitor is faulty.







Width (inches)	41.6	
Height (inches)	25	
Depth (inches)	3.2	
Weight (pounds)	72.1	
Power requirement	230V~ 50Hz	110-240V~ 50/60Hz
Resolution	852 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.

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