

# **Owner's Instru**

TFT LCD Monitor wi

**IB-18**

**iB Elec**

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## Safety Instructions

Before connecting the AC power cord to the DC adapter outlet, make sure the designation of the DC adapter corresponds to the local electrical outlet. Never insert anything metallic into the cabinet openings of the LCD monitor. Doing so may create the danger of electric shock. To avoid electric shock, never touch the inside of the LCD monitor. Only a qualified technician should open the case of the LCD monitor. Never use your LCD monitor if the power cord has been damaged. Do not place anything to rest on the power cord, and keep the cord away from where a child can trip over it.

Be sure to hold the plug, not the cord, when disconnecting the LCD monitor to avoid electric shock.

Openings in the LCD monitor cabinet are provided for ventilation to prevent overheating, these openings should not be blocked or covered. Also, do not place the LCD monitor on a bed, sofa, rug, or other soft surface. Doing so may block the ventilation openings in the bottom of the cabinet. If you put the LCD monitor in a bookcase or some other enclosed space, be sure to provide adequate ventilation. Put your LCD monitor in a location with low humidity and a minimum of dust.

Do not expose the LCD monitor to rain or use it near water (in kitchen, bathroom, swimming pool, etc.). If the LCD monitor accidentally gets wet, unplug it and take it to an authorized dealer immediately. You can clean the LCD monitor with a soft, dry cloth if necessary, but be sure to unplug the LCD monitor first.

Place the LCD monitor on a solid surface and treat it carefully. The LCD monitor has a thin glass with a plastic front surface and can be damaged if dropped. Do not clean the front panel with keton-type materials (e.g., acetone, benzene, toluene, ethylacid, methyl chloride, or chloride - these may damage the panel).

Locate your LCD monitor near an easily accessible AC outlet.

### CAUTION

RISK OF ELECTRIC SHOCK

**DO NOT OPEN**

CAUTION : TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK).

NO USER-SERVICEABLE PARTS INSIDE.

REFER SERVICING TO QUALIFIED SERVICE PERSONNEL

## Regulatory Information

### European Notice

products with the CE Marking comply with both the EMC Directive (89/336/EEC), (93/68/ECC) and the Low Voltage Directive(72/23/EEC) Commission of the European Community. Compliance with these directives is conformity to the following European Norms:

- \* EN55022:1998-Radio Frequency Interference
- \* EN55024:1998-Electromagnetic Immunity
- \* EN61000-3-2:1995+A1+A2-Power Line Harmonics
- \* EN61000-3-3:1995-Voltage Fluctuations
- \* EN60950-Product Safety

## FCC Information

### User Instructions

The Federal Communications Radio Frequency Interference Statement following warning:

**NOTE :** This equipment has been tested and found to comply with limits for digital devices, pursuant to Part 15 of the FCC Rules. These limits provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy. If installed and used in accordance with the instructions, may cause harmful interference to radio communication. 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 receptions, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

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

### User Information

Changes or modification not expressly approved by iB elecom co., Inc. could void the user's authority to operate the equipment. If necessary, consult your dealer or an experienced radio/TV technician for suggestions. You may find the booklet called How to Identify and Solve Interference Problems helpful. This booklet was prepared by the FCC.

## Regulatory Information

Communications Commission. It is available from the U.S. Government, Washington, DC 20402, Stock Number 004-000-00345-4.

### Warning

User must use shielded signal interface cables to maintain FCC compliance of the product.

### Declaration of conformity for products Marked with FCC Logo

This device complies with Part 15 of FCC Rules. Operation is subject to the following two conditions:

(1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Provided with this monitor is a detachable power supply cord with two polarized terminations. It may be suitable for connection to any UL Listed or CSA Approved power source with a similar configuration. Before making the connection, make sure the voltage rating of the computer convenience outlet is the same as the monitor and that the current rating of the computer convenience outlet is equal to or exceeds the monitor voltage rating. For 120 Volt applications, use only UL Listed detachable power cords with NEMA configuration 5-15P type (parallel blades) plug cap. For 240 Volt applications, use only UL Listed Detachable power supply cord with NEMA configuration 6-20P type (parallel blades) plug cap.

## General Safety Precautions

This Monitor has been engineered and manufactured your safety. You can prevent serious electrical shock and hazards by keeping : following:

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Do not place anything heavy, wet or m or the power cord. Never cover the ve any material and never touch them wit inflammable materials.

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Avoid operating the monitor in extrem areas affected by dust.

\* Temperature : 5-35• \* Humidity :

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Be sure to turn the monitor off befor into the socket. Make sure that the p cords are securely and correctly conn

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Overloaded AC outlets and extension c are frayed power cords and broken plu electric shock or fire Call your serv replacement.

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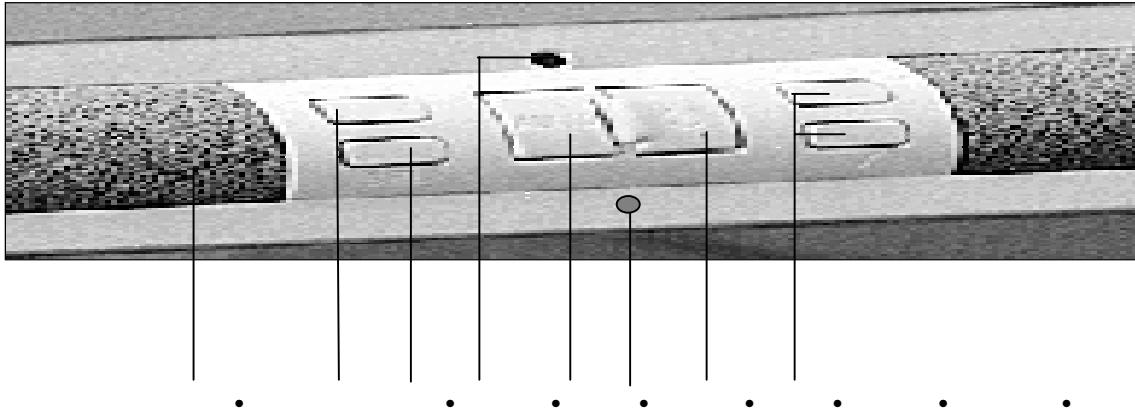
Do not use sharp tools such as a pin monitor, as they may scratch the LCD

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Do not use a solvent, such a benzene, it will damage the LCD surface.

## Parts Description

### Front Panel



#### 1) MENU

Display the main on-screen menu.  
Exit from sub-menu.

#### 2) SELECT

Select input signal.

#### 3) Remote control sensor

Aim the remote control towards this spot  
the Monitor and TV.

#### 4) AUTO

The monitor automatically saves the new  
setting when OSD menu closes.

#### 5) Power LED

Power indicated LED(C)

#### 6) POWER

Switches the set off (the Monitor and TV).

#### 7) UP,DOWN

Press UP or DOWN to change  
Also used to highlight selections on the

#### 8) SPEAKER

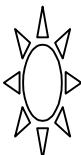
## Accessory



Remote  
Controller



DC Power  
Supply/Adapter



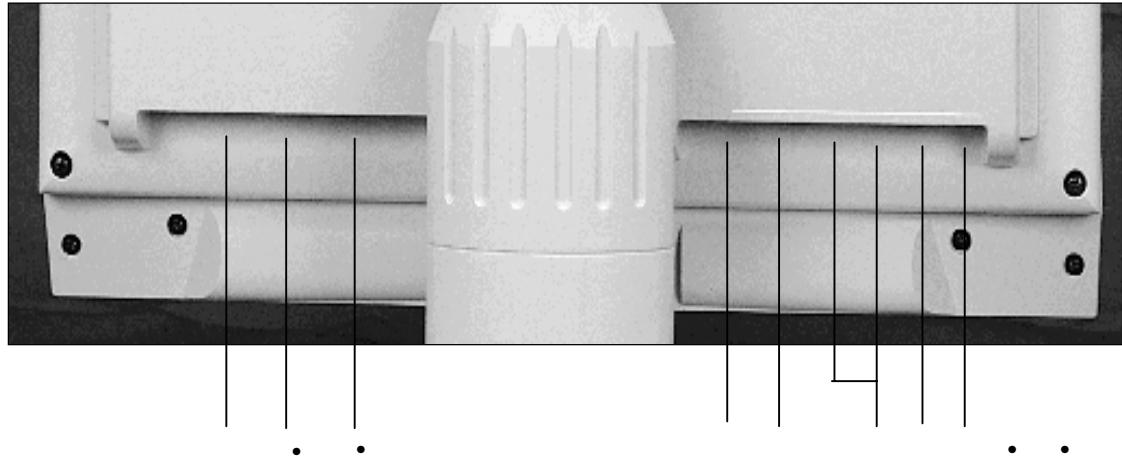
Power Cable



15-pin D\_Sub  
Signal Cable

## Parts Description

### Rear Panel



#### 1) VGA-IN Jack

Used to connect a video signal from a personal computer.

#### 2) POWER Jack

To input power from power outlet.

#### 3) TV-IN Jack

Used to connect a video signal from a personal computer

#### 4) S-VIDEO IN Jack

S-Video signal from an S-VHS VCR or laserdisc player.

Audio signals from VCR or similar device.

#### 5) VIDEO-IN Jack

Video signals from VCR

#### 6) AUDIO-IN Jack

Audio signal from VCR

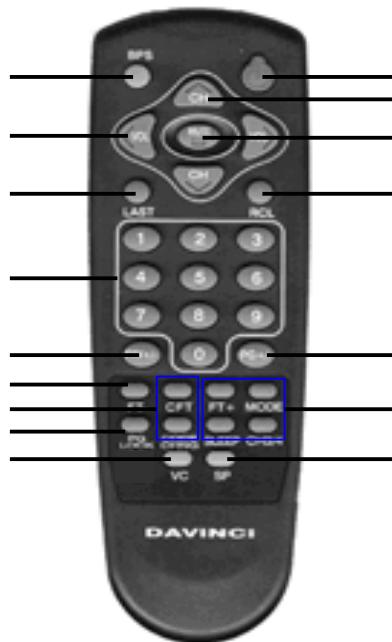
#### 7) PC SOUND-IN Jack

Audio signal from PC device

#### 8) PC SOUND -OUT JACK

Audio signal output to

## Remote Control Unit



### Inserting the Batteries in the Remote Controller

You must insert or replace the batteries in the remote controller:

- \* Purchase the set.
- \* Find that the remote controller is no longer operating correctly.

1 Remove the cover of the remote controller by pressing the symbol and pulling the cover space in the direction of the arrow.

2. Insert 2 batteries(AA size), taking care to respect the polarities

! You can use your remote controller within a distance of 7-10m and an angle of 30 degrees from the left and right sides of the remote controller receptor of your monitor

**1) SELECT**

Select submenu of the on-screen menu.

**9) VOL +(• ), VOL-(• )**

Press the increase or  
Also used to make sel  
on-screen menus.

**2) MENU**

Displays On Screen Menu.

**10) TV**

Select TV signal.

**3) PC**

Select PC signal.

**11) Numeric buttons**

Direct channel select

**4) AUTO**

Automatically adjust the image position,  
the clock and the clock phase value.

**12) PHASE**

Screen image still.

**5) PIP**

PIP menu turn on/off and size choose.

**13) ZOOM-in/out**

screen size Zoom in

**6) MUTE**

Press to temporarily cut of the sound.

**14) PIP POSITION**

PIP position moving.

**7) POWER**

Turns the power on and off.

**15) SCAN**

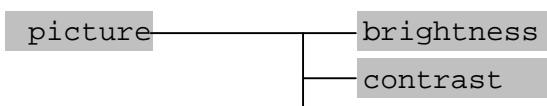
Auto TV channel sear

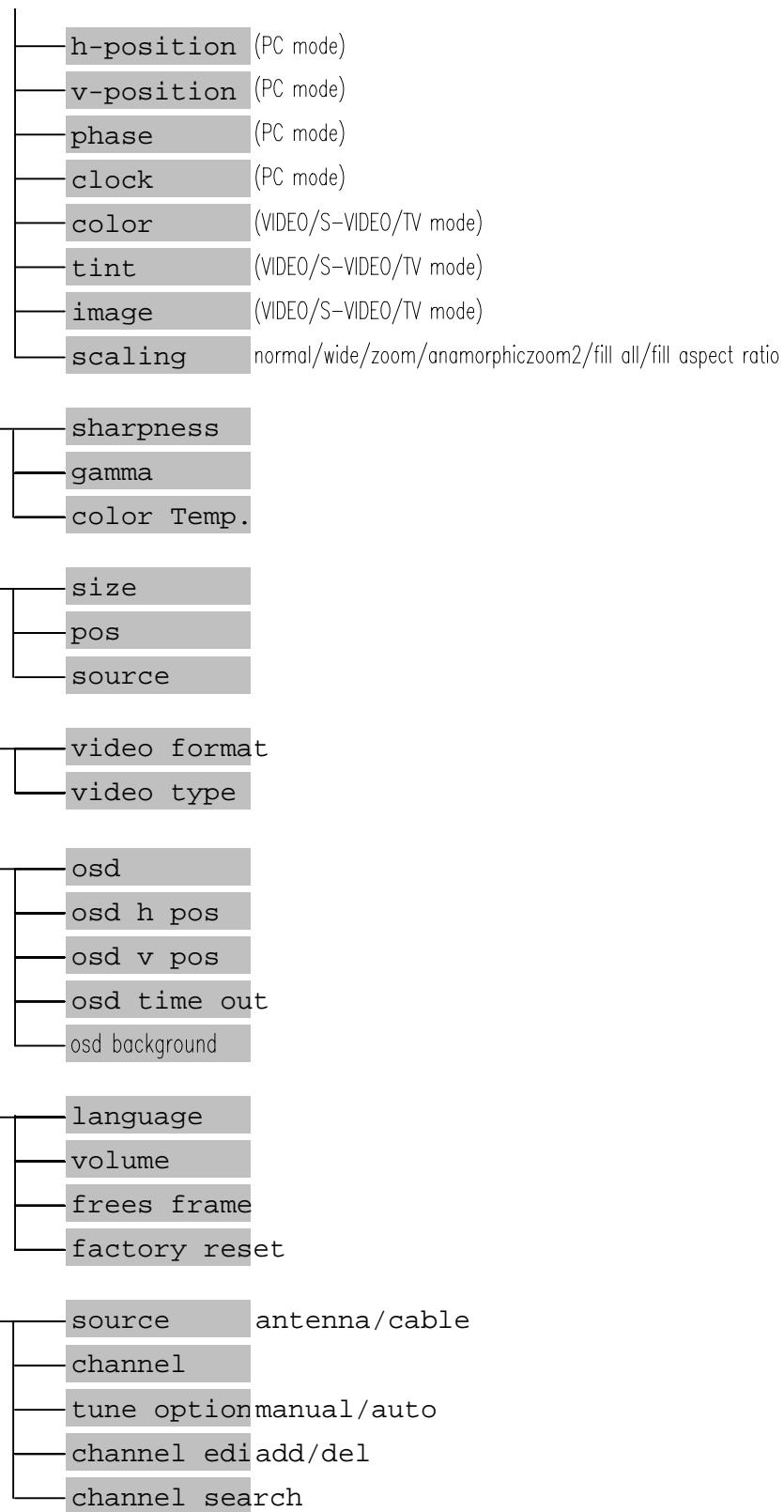
**8) CH +(• ), CH-(• )**

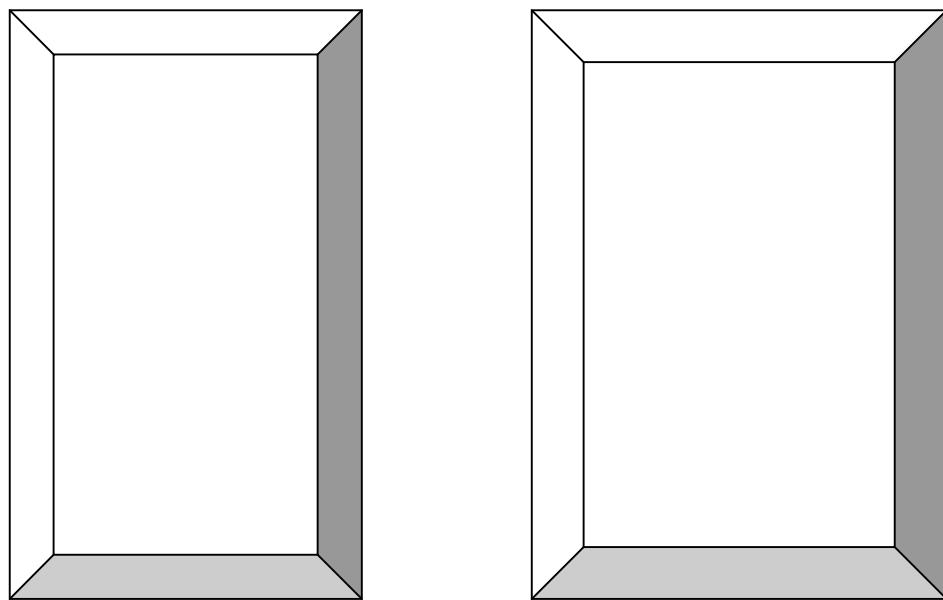
Press CH+ or CH- to change channels.  
Also used to hightlight selections on the  
on-screen menus.

**16) EXIT**

Exit the OSD menu.

**Menu Tree**





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**1** Turn off your computer and monitor.

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**2** Connect a PC D-Sub cable between the D-Sub port on the back of the monitor. And then connect the other end of the cable to the both sides of the cable.

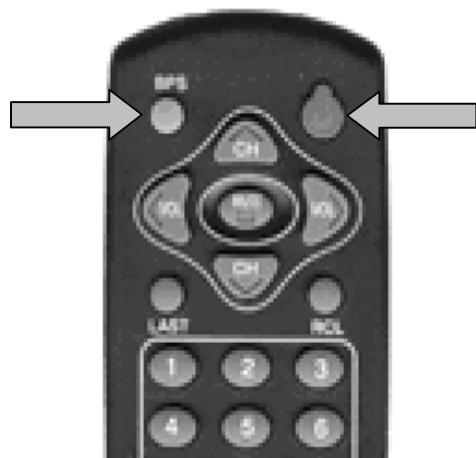
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**3** Connect a DC Power unit cable to the rear of your monitor. And then connect the DC Power unit before connecting to the power outlet.

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**4** Power on the computer before viewing.

## Initial set PC mode



- 1 Power on your monitor by pressing the power button on the main set or on the remote control.

- 2 Use the PC button on the remote control to select the PC mode.

Then the PC screen is automatically selected.  
When a CD-Title runs, the music will be output through the speakers.

- 3 Before operation to PC resolution, set the PC resolution to 1280x800.

## When the menus is unstable

	picture		brightness	-123-	<input type="range"/>	+
	advanced		contrast	-123-	<input type="range"/>	+
	pip		h position	-123-	<input type="range"/>	+
	adv pip		v position	-123-	<input type="range"/>	+
	color warp		color	-123-	<input type="range"/>	+
	options		tint	-123-	<input type="range"/>	+
	utilities		image	-123-	<input type="range"/>	+
	pip tv		scaling		normal	

- 1 Press the MENU button and the main menu will be displayed.

- 2 Use the CH• or • button to move up and down sub menu.

- 3 Use the VOL• or • button to move up and down sub menu.

- 4 Press the MENU button repeatedly until the menu disappear.

## Viewing a PC screen

### Adjusting the Picture Settings

Your monitor has several settings which allow you to control picture quality.

\* **brightness, contrast, h-position, v-position, phase, clock, scaling**



 <b>picture</b>	 brightness -123- - 
 <b>advanced</b>	 contrast -123- - 
 <b>pip</b>	 h position -123- - 
 <b>adv pip</b>	 v position -123- - 
 <b>color warp</b>	 color -123- - 
 <b>options</b>	 tint -123- - 
 <b>utilities</b>	 image -123- - 
 <b>pip tv</b>	 scaling normal

1 Press the MENU button.

2 Press the • button.

3 Use the CH• or • button to select following options:

**brightness**

**contrast**

**h-position**

**v-position**

**phase**

**clock**

**scaling**

4 Press the VOL• or • button to set personal preference.

\* **brightness :**

Adjust the overall of the screen.

\* **contrast :**

Adjust the brightness and darkness of objects and back grounds.

\* **h-position :**

If the position of screen is off-centered, use h-position.

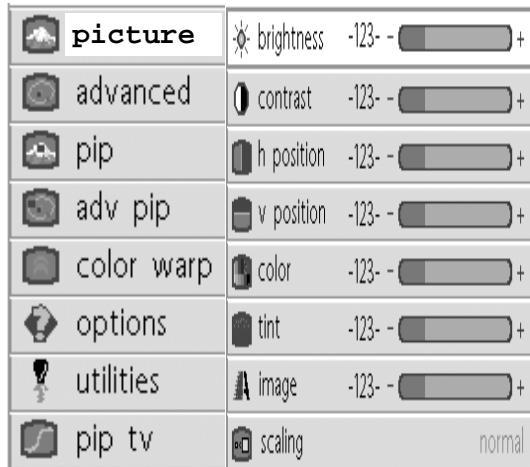
\* **v-position :**

If the position of screen is off-centered, use v-position.

## Viewing a PC screen

### Adjusting the Picture Settings

Your monitor has several settings which allow you to control picture quality.



**\* phase :**

Sets the focus screen.

Adjust when some noise exists.  
lines are seen overlapped.

**\* clock :**

Adjust the horizontal size of the image.  
increasing/decreasing the number.

**\* scaling :**

Adjust of the screen size.  
(normal/wide/zoom/anamorphic)

---

5 Press the MENU button repeatedly

## Viewing a PC screen

### Adjusting the Advanced Settings

The advanced settings can be adjusted to suit your personal preference:

**\* sharpness, gamma, color temp.**

picture	sharpness	11 22 33 44 55
advanced	gamma	linear crt
pip	color matrix	disable enable
adv pip	color temp	5000 7300 9300 user
color warp	user red	-123-- +
options	user green	-123-- +
utilities	user blue	-123-- +
pip tv	color temp	5000 7300 9300 user
	more options	press <right> to select

1 Press the MENU button.

2 Use the CH• or • button to select following options:

3 Press the • button.

4 Use the CH• or • button to select following options:

**sharpness**

**gamma**

**color temp.**

5 Press the VOL• or • button to personal preference.

\* **sharpness :**

Adjust the screen's intensity.

\* **gamma :**

Adjust the Red, Green and Blue levels. The linear and CRT option.

\* **color temp :**

Set up the color temperature gain adjustment, or contrast,

6 Press the MENU button repeatedly

## Viewing a PC screen

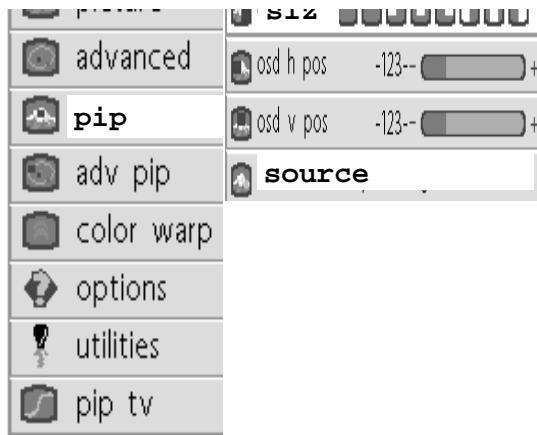
### Adjusting the pip Settings

The pip settings can be adjusted to center your viewing screen.

\* **size, pos, source**

picture	siz	00000000
---------	-----	----------

1 Press the MENU button.



2 Use the CH• or • button to select following options:

3 Press the • button.

4 Use the CH• or CH• button to select following options:

**size**

**pos**

**source**

5 Press the VOL• or • button to select personal preference.

\* **size** :

    pip size zoom in zoom out.

\* **pos** :

    pip box moving.

\* **source** :

    PC and TV /VCR or similar

6 Press the MENU button repeatedly to exit.

## Viewing a PC screen

### Adjusting the options Settings

The options settings can be adjusted to center your viewing screen.

\* **osd,osd h pos, osd v pos,osd timeout,osd background**

1 Press the MENU button.

2 Use the CH• or • button to select following options:





3 Press the • button.

4 Use the CH• or CH• button to select the following options:

**osd**

**osd h pos**

**osd v pos**

**osd timeout**

**osd background**

5 Press the VOL• or • button to select the personal preference.

**\* osd :**

Adjust the position osd menu.

**\* osd h pos :**

Adjust the horizontal position.

**\* osd v pos :**

Adjust the vertical position.

**\* osd timeout :**

Adjust the osd timeout.

**\* osd background :**

Select the osd background.

6 Press the MENU button repeatedly.

## Viewing a PC screen

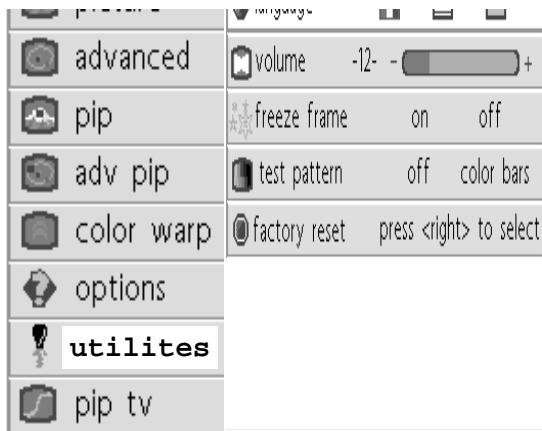
### Adjusting the utilities Settings

The utilities settings can be adjusted to center your viewing screen.

**\* language, volume, frees frame, factory reset**

1 Press the MENU button.





2 Use the CH• or • button to select following options:

3 Press the • button.

4 Use the CH• or CH• button to select following options:

**language**

**volume**

**freeze frame**

**factory reset**

5 Press the VOL• or • button to select personal preference.

\* **language** :

Choose the language for osd menu.

\* **volume** :

Adjust volume of speaker.

\* **freeze frame** :

The screen image phase.

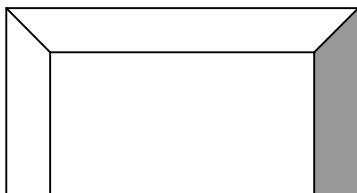
\* **factory reset** :

Changes the set-up value to the time of forwarding at the factory.

6 Press the MENU button repeatedly to exit the menu.

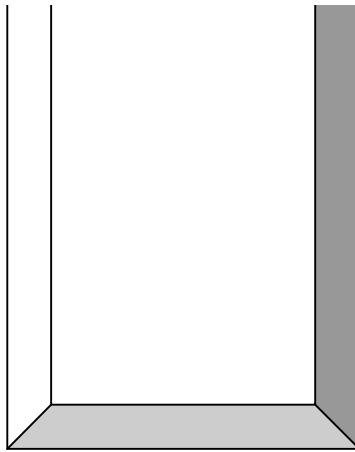
## Connecting to watch TV or VCR

### Connecting the Aerial or Cable Television Network



To view television channels correctly, the aerial must receive signals from the television network. The signals are received by the set from one of the following:

\* An outdoor aerial



- \* An indoor aerial (not recommended).
- \* A cable television network.

1. In the first three cases, connect the video input cable to the 75 ohm coaxial input of the television.
2. Press the TV mode button on the television.

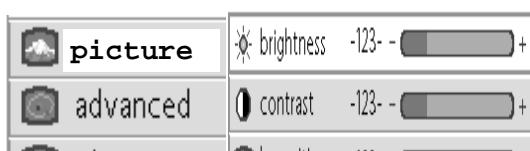
## Connecting the VCR, DVD or Other External Devices

1. Connect video and audio cable according to the shape and color of the connectors.
  - \* When an external device is in MONO, the audio connection can be either the left or right and S.MODE should be set FM MONO.
2. For optimal visual image, use S-VIDEO connector instead of video.

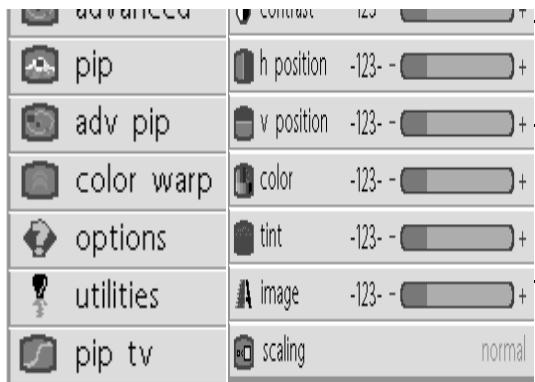
## Viewing a TV/VCR screen

### Adjusting the Picture Settings

Your TV have several settings which affect the picture quality:



**brightness, contrast, color, tint, image**



- 1 Press the MENU button.
- 2 Use the CH• or • button to select following options:  
**brightness**  
**contrast**  
**color**  
**tint**  
**image**  
**scaling**
- 3 Press the • button.
- 4 Use the CH• or • button to select following options:  
**brightness**  
**contrast**  
**color**  
**tint**  
**image**  
**scaling**

- 5 Press the VOL• or • button to select personal preference.  
**\* brightness :**  
Adjust the overall of the screen.  
**\* contrast :**  
Adjust the brightness and darkness of objects and back grounds.  
**\* color :**  
Adjust screen image color.

## Viewing a TV/VCR screen

### Adjusting the Picture Settings



- \* tint :**  
Adjust screen image color.
- \* image :**  
Adjust screen image color.

advanced	contrast	123
pip	h position	-123
adv pip	v position	-123
color warp	color	-123
options	tint	-123
utilities	image	-123
pip tv	scaling	normal

**\* scaling :**

Adjust of the screen size.

(normal/wide/zoom/anamorphic

---

6 Press the MENU button repeated  
menus disappear.

## Viewing a TV/VCR screen

### Adjusting the Advanced Settings

The advanced settings can be adjusted to suit your personal preference:

**\* sharpness, gamma, color temp.**

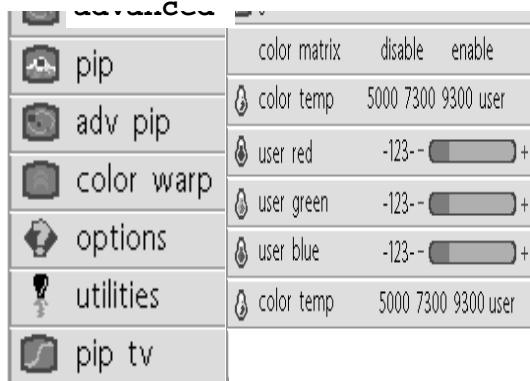
---

1 Press the MENU button.

picture	sharpness	11 22 33 44 55
advanced	gamma	linear crt

---

2 Use the CH• or • button to sel



following options:

3 Press the • button.

4 Use the CH• or • button to sel

following options:

**sharpness**

**gamma**

**color temp**

5 Press the MENU button repeated

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## Viewing a TV/VCR screen

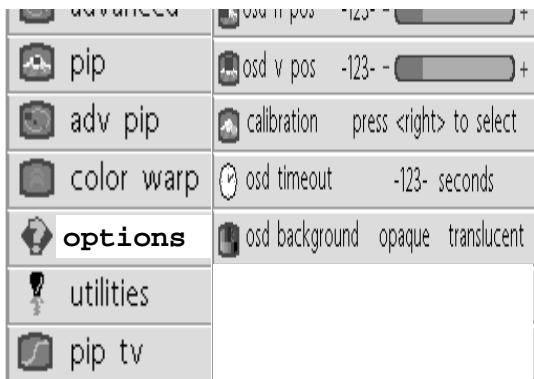
### Adjusting the options Settings

The options settings can be adjusted to suit your personal preference:

\* **osd,osd h pos,osd v pos,osd timeout,osd background.**

1 Press the MENU button.

2 Use the CH• or • button to sel



following options:

---

3 Press the • button.

---

4 Use the CH• or CH• button to s

following options:

**osd**

**osd h pos**

**osd v pos**

**osd timeout**

**osd background**

---

6 Press the MENU button repeated

## Viewing a TV/VCR screen

### Adjusting the utilities Settings

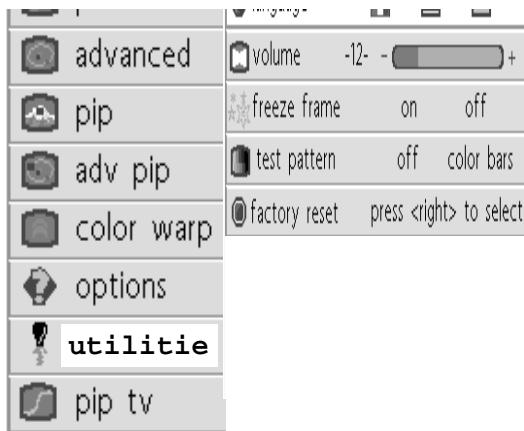
The utilities settings can be adjusted to suit your personal preference:

\* **language, volume, frees frame, factory reset**

---

1 Press the MENU button.





**2** Use the CH• or • button to select following options:

**3** Press the • button.

**4** Use the CH• or CH• button to select following options:

**language**

**volume**

**freeze frame**

**factory reset**

(\*see page 19)

**6** Press the MENU button repeatedly

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## Viewing a TV/VCR screen

### Adjusting the tv Settings

The TV settings can be adjusted to suit your personal preference:

\* source,channel,tune option,fine tuning,channel edit,channel select

**1** Press the MENU button.



**2** Use the CH• or • button to select following options:



3 Press the • button.

4 Use the CH• or CH• button to select the following options:

**source**

**channel**

**tune option**

**fine tuning**

**channel edit**

**channel search**

5 Press the VOL• or • button to select your personal preference.

\* **source** :

Choose one "antenna" and "closed caption".

\* **channel** :

Choose channel.

\* **tune option** :

TV channel search choose.

\* **fine tuning** :

TV channel fine search.

\* **channel edit** :

TV channel search memory edit.

\* **channel search** :

Automatic TV channel search.

26

6 Press the MENU button repeatedly.

## Viewing a TV/VCR screen

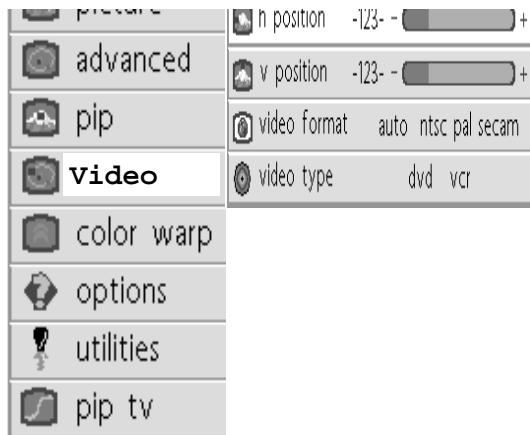
### Adjusting the Video Settings

The Video setting can be adjusted to suit your personal preference:

\* **Video format, Video type**

1 Press the MENU button.





2 Use the CH• or • button to select following options:

3 Press the • button.

4 Use the CH• or CH• button to select following options:

**video format**

**video type**

5 Press the VOL• or • button to select personal preference.

**\* video format :**

Choose one air signal system.

**\* video type :**

Choose one among system. (DV)

6 Press the MENU button repeatedly

## APPENDIX A : Power Saver

This monitor has a built-in power management system called Power saver. This system saves energy by

switching your monitor into a low-power mode when it has not been used for a certain period of time. The available modes are "On", "Standby", "Sleep". Power Saver operates with a VESA DPMS compliant video card installed in your computer. You use a software utility installed on your computer to set up this feature. See below table for details.

<b>Status</b>	<b>Normal Operation</b>	Power-Saving Function mode (EPA/	
		Standby Mode	Sleep Mode Position A1
Horizontal Sync	Active	Inactive	Active
Vertical Sync	Active	Active	Inactive
Video	Active	Blanked	Blanked
Power Indicator	Green	Amber	Amber Blinking (0.5 sec. interval)
Power Consumption	50W (Max)	Less than 3W	Less than 3W

NOTE : This monitor automatically returns to normal operation when horizontal and vertical sync return.

This occurs when you move the computer's mouse or press a key on the keyboard.

## APPENDIX B : Troubleshooting

If you have a problem setting up or using your LCD monitor, you may be able to solve it yourself.

Before contacting customer service, try the suggested actions that are appropriate to your problem.

<b>What you see...</b>	<b>Suggested Actions</b>
Screen is blank and power indicator is off	* Ensure that the power cord is firmly connected and the LCD monitor is on.
"No Input Signal" message	* Ensure that the signal cable is firmly connected to the PC sources. * Ensure that the PC or video sources are turned on.
Going to Sleep" message	* Check the maximum resolution and the f-

"out of range"	ocurrency of the video adaptor. * Compare these values with the data in the Display Modes Timing Chart.
The image is too light or too dark	* Adjust the Brightness and Contrast.
Horizontal bars appear to flicker, jitter or shimmer on the image	* Adjust the Clock function. * Auto Tracking will clear it automatically.
Vertical bars appear to flicker, jitter or shimmer on the image.	* Adjust the Phase function and then adjust the Clock function. * Auto Tracking will clear it automatically.
Screen is blank and power indicator light is steady amber or blinks every 0.5 or 1 seconds	* The monitor is using its power management system. * Move the computer's mouse or press a key on the keyboard
Image is not stable and may appear to vibrate	* Auto tracking will clear it automatically * Check the the display resolution and frequency from your PC or video board is an available mode for your monitor. On your computer check : <b>Control Panel, Display, Settings</b> * Horizontal frequency * Vertical frequency * Maximum refresh rate
Image is not centered on the screen.	* Auto Position will set the best position automatically * Adjust the horizontal and vertical position

## APPENDIX B : Troubleshooting

Problem	Suggested Actions
No sound	* Ensure that the audio cable is firmly connected to both the audio-in jack on your monitor and the audio-out jack on sound card. * Check the volume level
Sound level is too low	* if the volume is still too low after turning

	the control to its maximum, check the volume control on the computer sound card or software program.
Sound is too high pitched or too low pitched	* Adjust the Treble and Bass to appropriate level
TV signal not received	<ul style="list-style-type: none"> <li>* Ensure that the antenna cable is firmly connected to the VHF/UHF jack.</li> <li>* Check "Channel Memory" and make sure you choose the correct channel system.</li> <li>* Select "Auto Tuning" to configure the channel system automatically.</li> </ul>

## APPENDIX C : Specification

FUNCTION		MONITOR
LCD Panel	Type	18.1 "TFT AM LCD
	Display Area	359.040mm • 287.232mm
	Display Color	16,777,216 colors
	Pixel Pitch	0.2805mm • 0.2805mm
	Max. Resolution	SXGA 1280 • 1024(@75Hz)
	Interface	LVDS
	Viewing Angle	80 degrees horizontal/8

	contrast Ratio	250 : 1(typical)
	Brightness	220cd/m <sup>2</sup>
	Horizontal Frequency	30 ~ 61KHz
	Vertical Frequency	60 ~ 75Hz
Input / Output	Video Input	PC Analog RGB
	Audio Input	Stereo
TV Signal	Area	None
	Antenna Input	None
	Tuning System	None
	Color System	None
	Sound System	None
Regulation	Safety	UL, FCC, CE
	EMI	CE
Others	Tilting Degree	Up/Down
	Swivel Angle	Left / Right
	Power	Stand-by : 3Watt / 0.5Watt
	Speaker Output	1.5Watts/Clip
	Plug & Play level	DDC 1.3
	Weight	NET 9.5Kg / GROSS 11.5Kg
	Power Supply	DC 12V, 5.0A

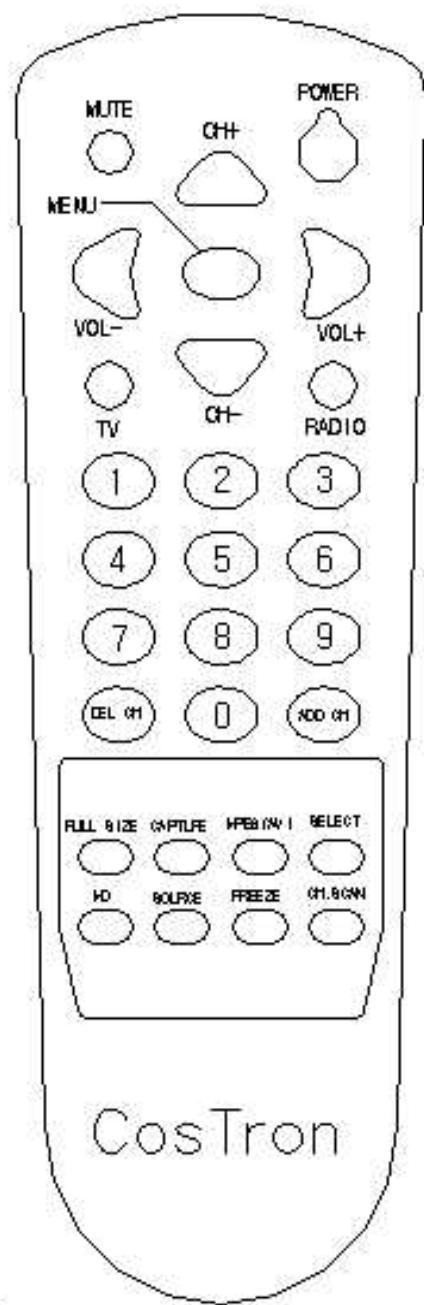
\* Specification can be changed without prior notice.

## APPENDIX D : Display Modes

If the signal from the system equals to the standard signal mode, the screen image will be displayed. If the signal from the system doesn't equal to the signal mode, adjust the screen image by using the screen adjustment keys. If the screen image is not displayed, it is because the screen might not display or only the power LED is on. This is because the screen image has been optimized during manufacture.

Mode	Resolution	Horizontal Frequency (Khz)	Vertical Frequency (Khz)	Clock Frequency (Mhz)	
VGA	640*480	31.476	59.955		60
	640*480	35.001	66.97		70
	640*480	37.864	72.816		72
	640*480	37.509	75.019		75
	640*480	43.271	85.012		85
	720*400	31.476	70.103		70
	800*600	37.893	60.339		60
	800*600	44.583	70.099		70

SVGA	800*600	48.076		72.188		72
	800*600	46.882		75.012		75
	800*600	53.676		85.066		85
XGA	1024*768	47.709		60.012		60
	1024*768	56.306		70.033		70
	1024*768	56.497		70.096		72
	1024*768	60.024		75.03		75
	1024*768	68.681		85.003		85
SXGA	1280*1024	64.02		60.057		60
	1280*1024	74.626		70.006		70
	1280*1024	76.863		72.037		72
	1280*1024	78.864		74.121		75
	1280*1024	91.157		85.035		85
SUN_1077	1024*768					
SUN_1072	1024*768					
SUN_1166	1152*900					
SUN_1176	1152*900					
SUN_1061	1024*1024					
SUN_1274	1280*1024					
SUN_1267	1280*1024					
MAC_19	1024*768					
MAC_21	1152*870					
MAC_15	640*870					
MAC_12c/	512*384					
MAC_13c/	640*480					
MAC_16	832*624					



CosTron

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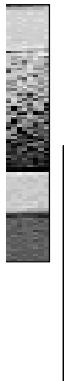
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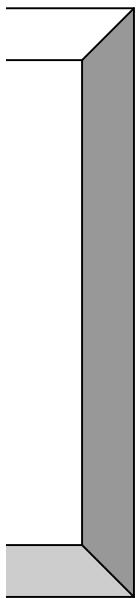
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#### Reference

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Connecting a PC,  
page 12.

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Connecting a PC,

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PC Stable  
Adjustment

BRIGHTNESS, page 14,21.

CONTRAST. Page 14,21.

PC Stable

Adjustment

page 13,14.

APPENDIX A : power saver,

page 28

PC Stable

Adjustment

page 13,14.

30 KHz - 61KHz

60Hz - 75Hz

1280\*1024@75Hz

AUTO POSITION, auto button

page 13.

### **Reference**

Connecting a PC, TV or VCR

page 8,12.

Adjusting the Sound settings,

ng

Refer to your  
computer  
sound card or  
software  
documentation.

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Adjusting the Sound settings,  
page 20.

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Connecting to watch  
TV or  
VCR, page 20.

---

Channel Memory  
page 26.

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TV

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80 degrees vertical

Video, S-Video,  
Audio (L, R)  
EU(Except  
France) USA  
75• Coaxial Cable  
Programmable Frequency Synthesizer  
NTSC, PAL/SECAM  
M,B/G, D/K, I

CE, GOST

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ht : +15 / -15

Operation : 50Watt

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