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* Note:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of FCC Rules. These limits are designed to provide reasonable protection against radio frequency interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy. If not installed and used in accordance with the instructions, it may cause interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause interference to radio or television reception(this can be determined by turning this 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 to an outlet on a circuit different from that to which the receiver is connected.

CAUTION:

To comply within the limits for an FCC Class B computing device, always use the shielded signal cord supplied with this unit.

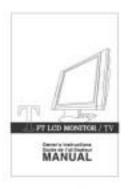
CAUTION TO THE USER:

The Federal Communications Commission warns that changes or modifications to the unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. If necessary, the user should contact the dealer or an experienced radio/television technician for additional suggestions. The user may find the Federal Communications Commission booklet, How to Identify and Resolve Radio-TV Interference Problems, helpful. This booklet is available from the U.S. Government Printing Office, Washington, D.C., Stock No.004-000-00345-4

NOTICE OF COMPLIANCE WITH CANADIAN INTERFERENCE-CAUSING EQUIPMEN REGULATIONS

DDC COMPLIANCE NOTICE:

This digital apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus set out in the Radio Interference Regulations of the







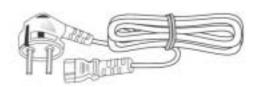
MONITOR



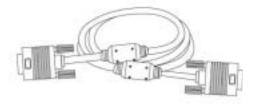
DISKETTE



Dc Adapter

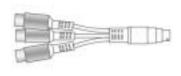


Power Cord

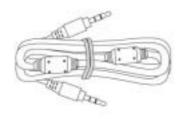


VGA Signal Cable





AV Interface Cable



Audio Cable



 Don't plug the power adapter into a non-grounding power outlet.



Only use the adapter provided with the monitor.
 An electric shock or fire accident may occur.



 Keep the power cord away from heat sources.
 The covering material of the cord may melt, causing a fire or electric shock.



 Pull the power cord out when the monitor is not used for a long time, or while you are away.
 A dust covering may cause an electric shock, electric leakage, or fire by heat generation, ignition, and insulation degradation.



 Select a cool, dry area and protect your monitor from extremes in temperature, humidity, dust and smoke.
 Accidents of electric shock, fire or failure may occur.



 Avoid direct sunlight or any other source of heat such as a fireplace.

A fire or electric shock accident may be caused.



Don't spill liquids such as chemicals, water on the monitor.



inside.

A fire or electric shock accident may be caused. If you need the repair and adjustment, please contact the appropriate sales agency or customer counsel window for check-ups.



Don't spray any liquids directly onto the monitor.
 An electric shock or fire accident may occur.



 Clean the LCD panel with a soft material such as cotton cloth after removing the power cord from the monitor.

A fire or electric shock accident may be caused.



Place the monitor on a stable and secure surface.
 Fall or displacement of the monitor may cause an injury.



• Fregible handle with care.



 Don't press on the panel or scratch the surface with your hands or sharp item such as a nail, pens.
 Damage or failure of the panel may be caused.



The fluorescent light of the monitor contains a mercury which could be exposed. Don't discard or bury the monitor without permission of waste management Authorities.

The 15.0" TFT LCD Narrow Bezel Panel

Adopt the 15.0" LCD (Liquid Crystal Display) narrow bezel panel allows you efficient use in a small space due to the slim design with wide screen.

AUDIO

It gives user an amplified stereo sound through interally installed speakers(1W×2).

Power Consumption Economy Function

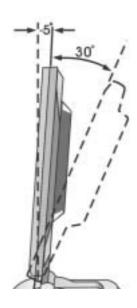
The VESA DPMS(Display Power Management Signaling) function is available to reduce power consumption by automatically switching the computer into the power saving mode if the system doesn't operate for a fixed period of time.

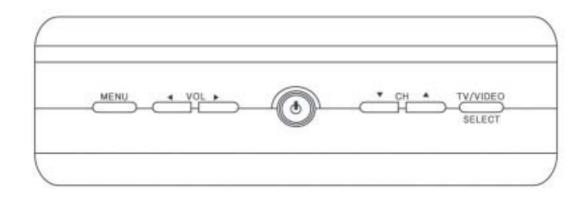
Enable to watch TV

Enable to watch TV after connecting antenna cable.

Tilting and Swiveling the Monitor

For optimum view, you can tilt the display vertically from -5° to 30° degree, when adjusting the display, grasp the left and right edges of the monitor



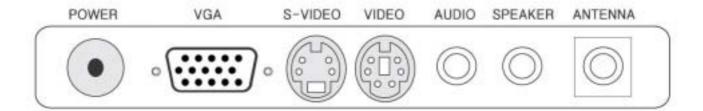


Button Description:

- MENU: Displays or Exits the OSD menu window.
- VOL ◀, ▶ : Press the button, may adjust the VOLUME and select LEFT/RIGHT in OSD menu window.
- POWER: Turns the monitor ON and OFF.
 Indicates the monitor power status.
- LED: BLUE; Monitor activated.
 Flicker; Monitor Standby/Power saving mode/VGA signal cable unhooked.
- CH ▼,▲: Press the button, may adjust the CH and select UP/DOWN in OSD menu window.
- SELECT: Selects the OSD menu item and the submenu item to be adjusted in the OSD menu window and save the modified value at any select item

NOTE

When you press the SELECT button in windows display, the current input source will be appeared and it will be switched to PC ▶ TV ▶ VIDEO ▶ S-VIDEO by pressing the SELECT button every two times



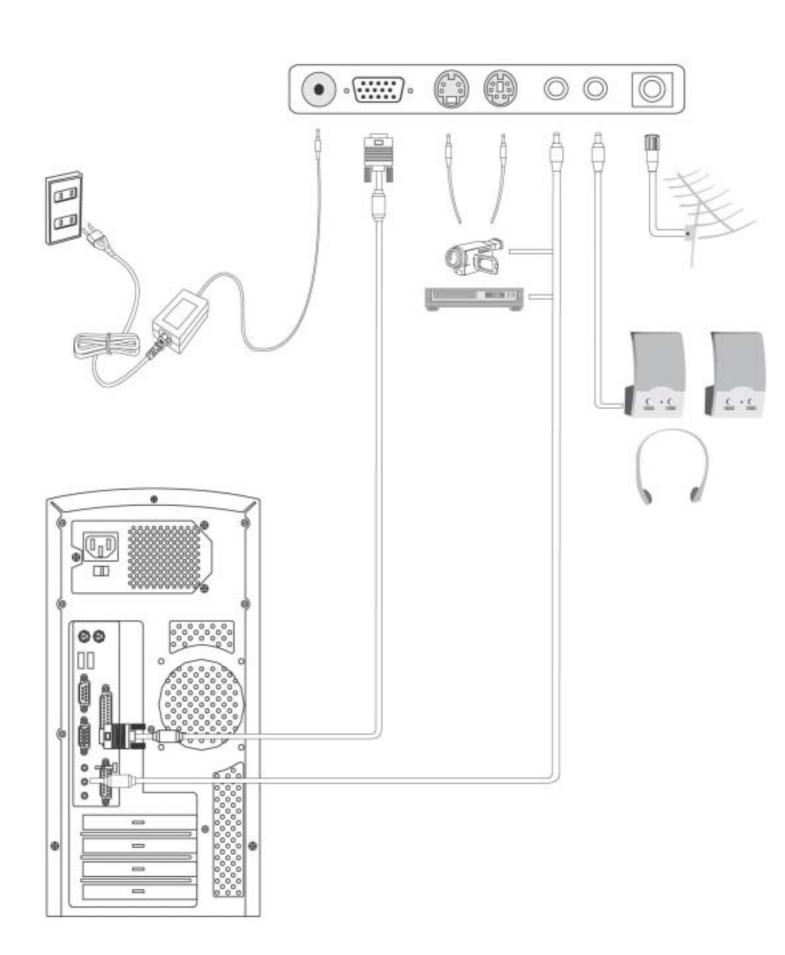
- POWER: Connects the DC adapter to input the power.
- VGA: Connects the VGA signal cable to the VGA connector on the PC.
- S-VIDEO: Connects the s-video cable to the S-VIDEO connector on the camcorder or VTR.
- VIDEO: Connects the video cable to the VIDEO jack on the camcorder or VTR.
- AUDIO: Connects the audio cable to the LINE OUT jack on the PC or the stereo jack on the camcorder or VTR.
- SPEAKER: Connects a set of headphones or external speakers.
- ANTENNA: This is the connector to connect with the external TV.

NOTE

Self Diagnostics(PC)

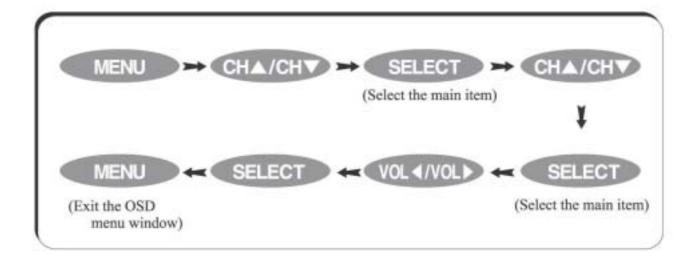
If the signal cable is improperly connected between the monitor and the pc, the Self Diagnostics PC NO SIGNAL message appears on the monitor.





under the display. To change the current settings or adjust it to what you prefer, please follow these steps.

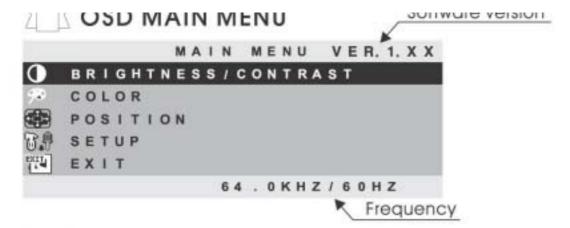
Selecting and Adijusting the OSD Menu



- Press the MENU button to open the OSD menu window.
- Press the CH▲ /CH▼ button to move the desired main menu item.
- 3. The main menu item you moved is highlighted, press the SELECT button.
- 4. Press the CH▲/CH▼ button to move the desired submenu item.
- 5. The submenu item you moved is highlighted, press the SELECT button.
- Press the VOL ◀/VOL ▶ button to modify the current value.
- Press the SELECT button to save the modified value.
- To close the OSD menu window. Press the MENU button or select 'Exit' (in the submenu window) in order.

NOTE

OSD window will be disappeared in a few seconds if there's no input on



OSD SUB MENU

BRIGHTNESS/CONTRAST

Controls the brightness and contrast of the display



BRIGHTNESS:

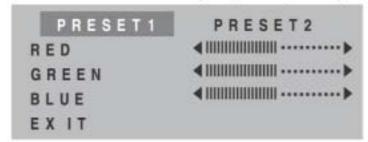
Controls the brightness of the Display.

CONTRAST:

Adjusts the level of difference between light and dark areas of the display.

∞ COLOR

Controls the color(Red, Green, Blue) of the display.



RED: Changes the value of red.

GREEN: Changes the value of green.

BLUE: Changes the value of blue.

NOTE

When adjusting COLOR in video, TINT adjusts the tint of the display.

POSITION

Adjusts the position of the display.



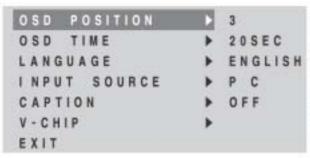
HORIZONTAL: Adjusts the horizontal position of the display.

VERTICAL: Adjusts the vertical position of the display.

CLOCK : Increases or decreases the number of pixel to adjust the horizontal size.



Controls and select the OSD position, OSD time and OSD language of the display.



OSD POSITION: Adjusts the position of the OSD window.

OSD TIME: Adjusts the waiting time the OSD fades away.

Can adjust the waiting time up to 60 seconds the OSD fades away if you do not input the OSD button.

LANGUAGE: Adjusts the language of the OSD window.

(ENGLISH, FRANÇAIS, DEUTSCH, ITALIANO, ESPAÑOL

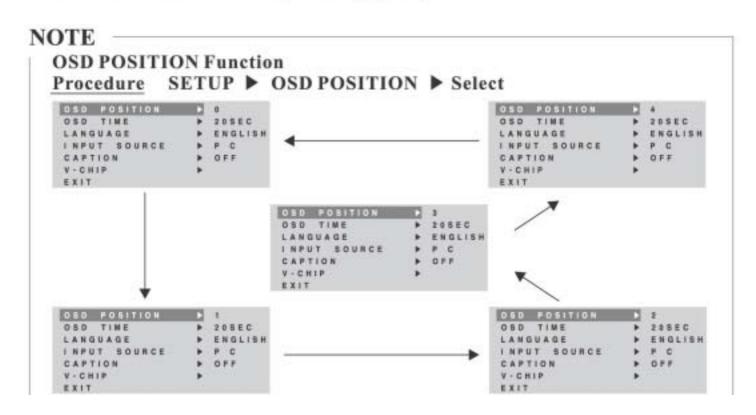
INPUT SOURCE: Selects the input source according to the display device you connected.

JAPANESS)

- PC : Selects when connect the VGA cable to the VGA connector of the computer.
- TV : Selects when connected with TV. (Possible to use when TV line is installed)
- VIDEO: Selects when connect the VIDEO cable to the VIDEO jack of the camcorder.
- S-VIDEO: Selects when connect the S-VIDEO cable to the S-VIDEO connector of the camcorder.

CAPTION: You can select four channels each for CAPTION and Text.

V-CHIP: Enters V-CHIP menu(Refer to pages 15).



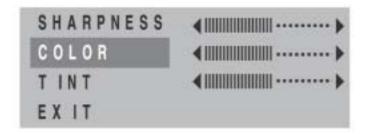


▶ The OSD menu when connect the TV line.

The OSD menu window appears with pressing MENU button after connecting the TV line.

TV OSD SUB MENU





- SHARPNESS:

Adjusts the level of display sharpness.(0 ~ 4)

COLOR :

Adjusts the amount of RGB(Red, Green, Blue) color from white color in the display.(0 ~ 100)

- TINT .

Adjusts the tint of the display color. $(0 \sim 100)$

CHANNEL



AIR/CATV

- AIR: Selects when watching the air TV.

- CATV: Selects when watching the CATV.

AUTO CHANNEL: Automatically memorize all the active TV or CABLE channels.

- START: Starts detecting the active channels.

- STOP: Stops detecting the active channels.

MANUAL CHANNEL: Manually memorize or erase the TV or CABLE channel.

FINE TUNE: Fine tuning. Adjust when the display color is blur or unfocused.(-50 ~ +50)

▶ The OSD menu when connect S-VIDEO connector



▶ The OSD menu when connect VIDEO jack



For more details, please refer to Selecting and Adjusting the OSD (On Screen Display)

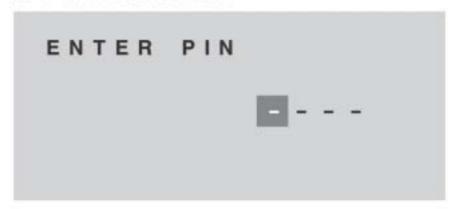
Combined Monitor / TV OSD Menu Function' in this chapter.

The COLOR submenu of the VIDEO and S-VIDEO OSD MENU is same as the COLOR submenu of the TV

OMAIN MENU



OV-CHIP Selection



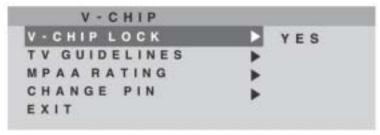
NOTE

The V-CHIP initial PIN is set at '0000.'

▶ CAPTION

OFF <-> CC1 <-> CC2 <-> CC3 <-> CC4 <-> TEXT1 <-> TEXT2 <-> TEXT3 <-> TEXT4 <-> OFF

© Enter ENTER PIN





If you select "Yes" in the V-CHIP LOCK, the LOCK function of the screen and voice is operated. If you select "No" in the V-CHIP LOCK, the LOCK function of the screen and voice is removed.

OTV GUIDELINES

OMPAA RATING

T V - Y	Ū	FV	٧	S	L	D
T V - Y 7	U	U				
T V - G	U					
TV-PG	U		U	U	U	
T V - 1 4	U		U	U	U	U
TV-MA	U		U	U	U	U
EXIT						

G	UNBLOCK
PG	UNBLOCK
PG-13	UNBLOCK
R	UNBLOCK
NC-17	UNBLOCK
X	UNBLOCK
NR	UNBLOCK
EXIT	

NOTE -

-U:UNBLOCK -B:BLOCK

NOTE -

-> TV GUIDELINES

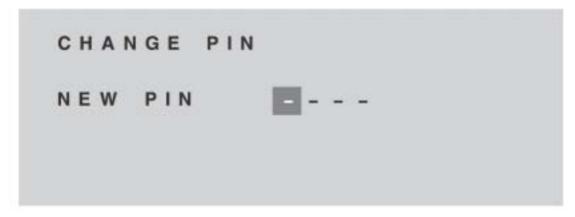
TV-	Y (ALL Children)
TV-	Y7(Direct to Older Children)
TV-0	G(General Audience)
TV-l	PG(Parental Guidance Suggested)
TV-	14(Parents Strongly Cautioned)
TV-I	MA(Mature Audience Only)

-> CONTENT

FV(Fantasy Violence)	
V(Violence)	
S(Sexual Situation)	
L(Adult Language)	
D(Sexually Suggestive Dialo	g)

-> MPAA RATING

G	GENERAL AUDIENCES All ages admitted		
PG	PARENTAL GUIDANCE SUGGESTED Some materia may not be suitable for children		
PG-13	PARENTAL STRONGLY CAUTIONED Some material may be inappropriate for children under 13		
R	RESTEICTED Under 17 requires accompanying paren or adult guardian		
NC-17	17 NO ONE 17 AND UNDER ADMITTED		
X is older rating that is unified with NC-17 but may be encoded in the data of Older movies			



▶ To change the PIN number, select CHANGE PIN and enter NEW PIN



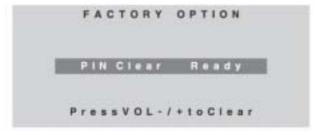


NOTE

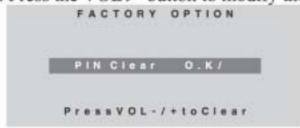
V-CHIP Initialize function

Procedure

- 1. Press the POWER button. (POWER OFF)
- 2. First Press the MENU button and POWER button press for 2 seconds.
- 3. Press the POWER button. (POWER ON)
 - You will see FOCTORY OPTION window



Press the VOL ▶ button to modify the current value.



OUT OF FREQUENCY

Input signal is over the supporting range

OUT OF FREQUENCY

96.4kHz/90.0Hz

POWER MANAGEMENT 20SEC

©POWER SAVER MODE

Input signal is not present. This message is disappeared after 5 seconds.

P C POVER SAVER MODE

©SELF DIAGNOSTICS

Input signal is not present after power on with power switch. This message is not disappeared before power off or activity of Input signal. SELF DIAGNOSTICS

P C NO SIGNAL

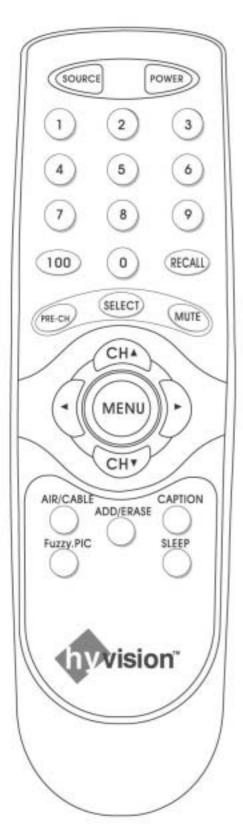
CHECK SIGNAL CABLE

©AUTO CONFIGURATION

Execute AUTO function.

PROCESSING

AUTOCONFIGURATION



1. POWER

Press to turn the LCD TV on and off.

2. SOURCE

Press to view components you have conneted to the LCD TV, Press this button repeatedly to display:

- PC mode
- TV mode
- Composite Video mode
- S-Video mode

3. Number buttons

Press to directly select channels.

4. 100button

Press to select cable channels over 100 on the LCD TV.

5. RECALL

To display the current status; channel number and input mode.

6.PRE-CH

To see the previous channel.

7.SELECT

Selects the OSD menu item and the submenu item to be adjusted in the OSD menu window and save the modified value at any select item.

8.MUTE

Switches the sound on or off.

9. CH ▲, ▼

Press to select channels or menu settings.

10. ◀, ▶ (VOLUME)

Adjusts the sound level. Adjusts memu settings.

11.MENU

To display or exit from the menus.

12.AIR/CABLE

Press to convert reception modes between aerial and CATV.

13. Fuzzy.PIC

To access preset video settings: NORMAL,

DYNAMIC, CINEMA, and USER.

14. ADD / ERASE

Press to add and erase channels on your LCD TV.

15.CAPTION

Press to turn closed captions on and off.

16. SLEEP

To select the length of time before the set automatically, switches to standby (from 0 to 90 minutes).

No power.

- Flip the power switch ON. The Power LED turns on.
- Make sure AC power cord is securely connected to the power jack and to a power outlet.

Power on but no screen image.

- Make sure the video cable attached with this monitor is tightly secured to the video output port on the back of the computer.
- Adjust the brightness and contrast.

Image is unstable, unfocused.

- Use AUTO-TUNE to adjust automatically.
- If the image is still unstable after AUTO-TUNE processing, please adjust PHASE manually to get image focused.
- Check whether the resolution or refresh rate in windows display setting is beyond supported range(please refer to the specification of supported mode.)

Flickering

- Not enough power is being supplied to the Monitor.
 Connect the Monitor to a different outlet. If a surge protector is being used, there may be too many devices plugged in.
- See timing Guide in this manual with a list of refresh rates and frequency settings showing the recommended setting for the Monitor.

Wrong or abnormal colors.

- If any colors(Red, Green, or Blue) are missing, check the video cable to make sure it is securely connected. Loose pins in the cable connector could cause a bad connection.
- Connect the Monitor to another computer.
- Check the graphics card for proper sync scheme(or sync polarities) to match the Monitor's specifications.

Double(split) screen image

Make sure your graphics card is set to Non-Interlaced made

Entire screen image rolls(scrolls) vertically.

- Make sure the input signals are within the LCD monitor's specified frequency range. (Maximum: VESA, MAC 1024 X 768 @ 75Hz)
- Connect the video cable securely.
- Try the Monitor with another power source.

Control buttons do not work

Press only button at a time.

ABOUT THE LCD -

The LCD contains over 3,932,160 thin-film transistors(TFTs).

A small number of missing, discolored, or lighted dots on the screen is an intrinsic characteristic of TFT LCD technology and is not an LCD defect.

If you display a fixed pattern for more than 10 hours, its image may remain on the screen in overlap mode when you display something eles.

LCD	Type Pixel arrangement Colors Glass surface	15" diagonal viewable screen TFT(Thin Film Transistor) Active Matrix Panel, 0.297mm(H) × 0.297mm(V)pixel pitch R,G,B vertical stripe 16, 194, 227 Colors Anti-glare coating
Viewing Angles (CR ≥ 10)	Left / Right Up / Down	65 °C / 65 °C 45 °C / 65 °C
Contrast Ratio	Тур.	500:1
Luminance of White	Тур.	400cd/m²
Compatibility	PC	IBM XT, AT, 386, 486, Pentium or PS/2 and compatibles (from VGA up to 1024 X 768 @ 75Hz NI.)
Refresh rate	Max.	1024 X 768 @ 75Hz N (60Hz for optimal display)
Connectors	Input Signal Power	15-pin D-SUB, composite, S-VHS, Jack type DC+12V In
Power	Input Output Consumption	AC 100-240v 56-60Hz DC 12V 50 watts
Display Area	Max.	304.128mm(H) × 228.096mm(V)
Operating Temperature Humidity Altituade Tilt Angle		33 °C F to 104 °F (0 °C to 40 °C) 20% RH to 90% RH (no condensation) To 10,000 feet Vertical to 20 ° (Backward)
Storage Conditions	Temperature Humidity	-14°F to 104 °F (-20 °C to 40°C) 5% RH to 90% RH (no condensation)
Dimension		474.5mm(W) X 388mm(H) X 188mm(D)
Weight	Net	6.66kg
Audio	Output	Stereo 1 watts X 2
TV		NTSC
Regulation		MIC, FCC, energy -star