INFORMATION TO USER :

 This equipment has been tested and found to comply with the limits of 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 radio communications. However, there is no guarantee that interference will not occur in a particular installation; if this equipment does cause harmful interference to radio or television reception, which can be determined by determined by turning the equipment off and on, the user is encouraged to try to crrent the interference by one or more of the fllowing measures:

 1. Reorient/Relocate the receiving antenna.

 2. Increase the separation between the equipment and receiver.

 3. Connect the equipment into an outlet on a circuit difference

     from that to which the recerver is connected.

 4. Consult the dealer or an experienced radio/TV technician for help.

CAUTION

   Changes or modifications not expressly approved by the
   manufacturer responsible for compliance could void the user's
   authority to operate the equipment

ENERGY STAR

   As an ENERGY STAR partner, Hansol Electronics Inc.
   has determined that this product meets energy Star guidelines
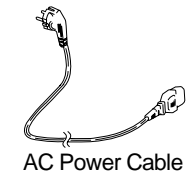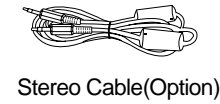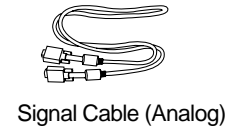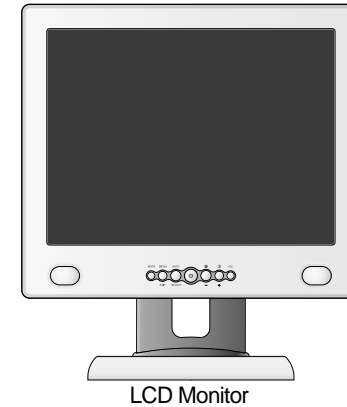   for energy efficiency.

Table of Contents

Good Posture Guide

◆ Place the monitor to face the user and then adjust the monitor angle.

◆ Take a break (for about 10 minutes) at every hour during the work with monitor.

◆ Refer to the following figure to take the correct posture.

about 50cm

● Look down the monitor below the horizon.

● Adjust the monitor to prevent reflection.

● Relax shoulders and arms, and sit back on the chair.

● Adjust the monitor stand to acquire required angle.

● Maintain the arms horizontally and place hands softly on the keyboard.

● Keep feet flat on the ground.

Parts

LCD Monitor

Signal Cable (Analog)

Stereo Cable(Option)

AC Power Cable

User's Manual / Warranty Card

Installation Diskette
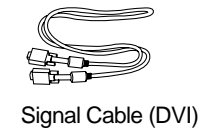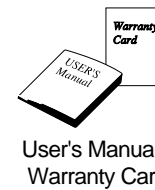
Signal Cable (DVI)

Connection to Signal Source

Basic Connection
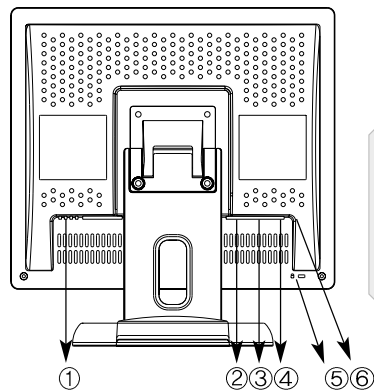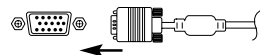
① Port for AC power cable
② Port for Audio cable from audio source.
③ Port for Head Phone or External Speaker
④ Port for signal cable from DVI signal source.
⑤ Kensington Lock
⑥ Port for signal cable from analog signal source.

① ②③④ ⑤⑥

< Power source connection >
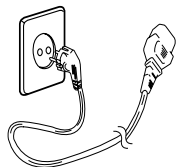
< Signal cable connection>

▶ General

▶ For Macintosh

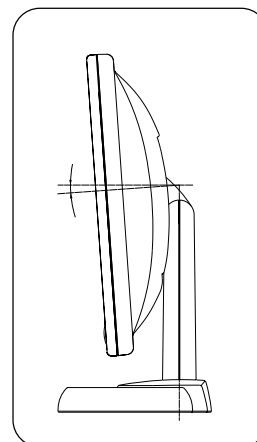Adapter for Macintosh (Optional)
Refer to the table on the rear side of
the optional Macintosh adapter and
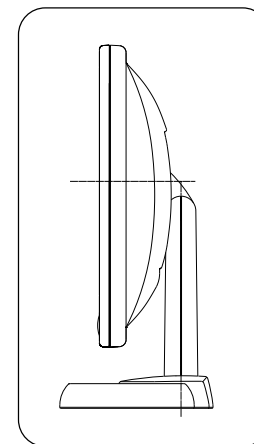adjust DIP switch by the resolution.

1. Use 220 V or 110 V. (Free Voltage)
2. Connect monitor and Signal Source via Signal cable
3. Power on the monitor and computer.
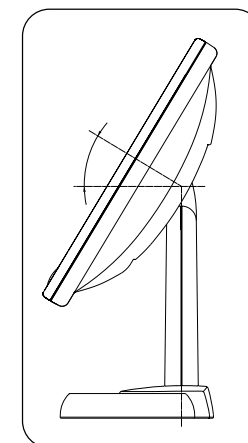4. Connection is finished.

The range of control Angle

▼ **How to Adjust the Stand**

▲ Forward 3°

▲ Default

▲Backward 30°

Installing Monitor Driver

Run (Click) "Install" at Floppy Diskette driver and select the model name to set the optimum display in Window 95, 98 or 2000, XP.
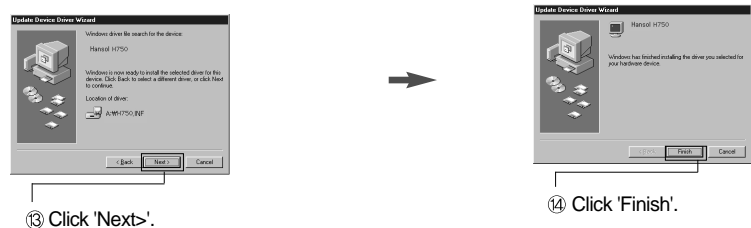
▶ Use the Driver provided.

Automatic Installation

1. Insert the Diskette to the Floppy Diskette driver.
2. Double-click "Install.exe".
3. Select the model and click "OK" button.
4. Select inf file, and then click "OK" button.
5. Click "Exit" button to close the installation.

Manual Installation

1. Insert the Diskette to the Floppy Diskette driver.
2. Click 'My Computer' and follow the procedure below.

① Click 'Control Panel'.　② Click 'Display'.　③ Click 'Settings'.

④ Click 'Advanced..'.　⑤ Click 'Monitor'.　⑥Click 'Change..'.　⑦ Click 'Next>'.

⑧ Click 'Display a list of all...'.
⑨ Click 'Next>'.

⑩ Click 'Have Disk..'.

⑪ Select the driver and click 'OK'.

⑫Click 'Next>'.

⑬ Click 'Next>'.

⑭ Click 'Finish'.
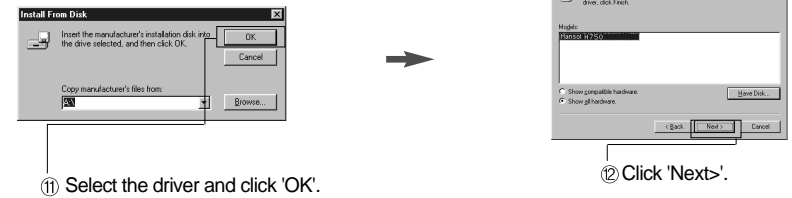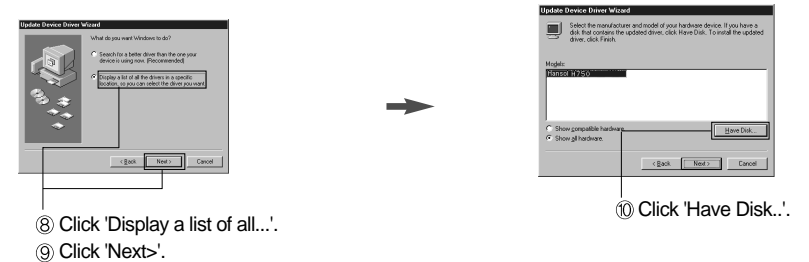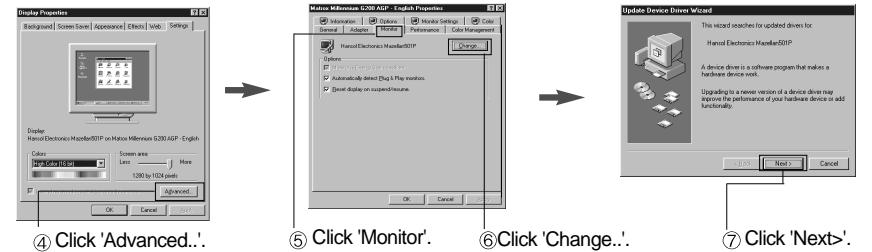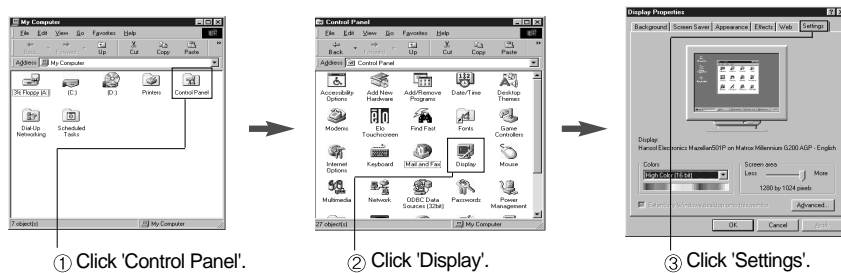
3. Select "Exit" if the monitor model is changed, and then reboot the Windows.

Name and Function of Front

Front panel

◐ / + 버튼

SOURCE MENU   AUTO   ☼   ◐   VOL

EXIT   SELECT   −   +   MUTE
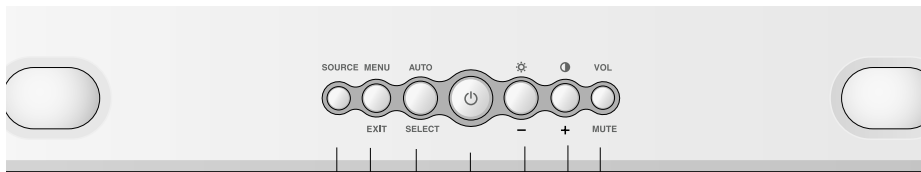
SOURCE BUTTON

MENU/EXIT BUTTON

VOL / MUTE BUTTON

◐ / + BUTTON

SELECT/ AUTO BUTTON

☼ / - BUTTON

POWER BUTTON
(Power indicating LED)

Functions

◆ Power button

Power button is located in the lower center of the Front Bezel.
You can push the button to turn on/off the power.

◆ Power Indicating LED
● Dark : Power off
● Green : Normal mode
● Green blinking : DPMS mode or Check Signal Cable mode.

◆ On Screen Display (OSD) Function Button

OSD buttons on the front of bezel perform the following functions.

● SOURCE : Press this button to change Analog/DVI display.
● MENU/EXIT : Press this button to display menus. if you press this button when
OSD is displayed, you can switch display to the previous menu and
exit menu.
● SELECT/ AUTO : Press this button, when OSD is not displayed, to perform
automatic setting.
When OSD is displayed, You can select icons.
● POWER : Power button.
● +/◐, -/☼ : By pressing these button when OSD is displayed, You can move
cursor into the menus which you want.
After press the SELECT button, you can change gauge level or
select submenus.
When OSD is not displayed, you can adjust brightness or contrast.
● VOLUME / MUTE : Press this button for volume control, when control is displayed,
You can control mute by pressing this button

Power Management Feature

The monitor is equipped with a power saving circuit that confirms to the world-standard Display Power Manager Signalling (DPMS) mode of Video Electronics Standard Association (VESA). The power management feature requires that the video card of the computer should support DPMS function.
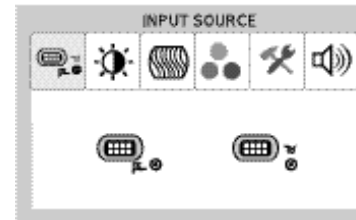
Status	LED Sign	Power Consumption
Normal mode	Green ON	Normal Power
DPMS mode	Green Blinking	1W or Below(Analog)/ 3.5W or Below(DVI)
DPMS with Audio (Option)		
Mute ON		1W or Below(Analog)/ 3.5W or Below(DVI)
Mute OFF		10W or Below

No image is displayed with Green blinking.
   Monitor is in power saving mode.
   Use mouse or keyboard to release power saving mode.

No image is displayed without LED on.
   Power cable plug must be pulled out.
   Check the power plug on monitor and on the wall.

"Out of range" displayed on the screen.
   This message is displayed when the signal from video card exceeds the maximum frequency of the monitor. Readjust resolution and frequency in accordance with the monitor capacity. (Refer to Standard Signal Table)

Adjusting OSD
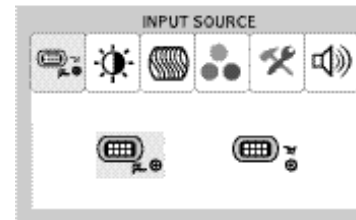
Input Source

MENU ➡ − + ➡ SELECT

1. Press the MENU button to access main menu.
2. Use − , + to move Input source ICON.
3. Press SELECT button into the submenu.

◈ Input Source Submenu

Digital Input

− + ➡ SELECT

1. Use − , + to move Digital input ICON.
2. Press SELECT button to select DVI display.

◈ Input Source Submenu

Analog Input

− + ➡ SELECT

1. Use − , + to move Analog input ICON.
2. Press SELECT button to select Analog display.

Brightness &Contrast

BRIGHTNESS / CONTRAST
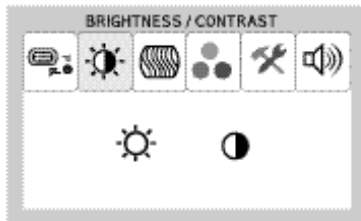
MENU ➡ − + ➡ SELECT

1. Press the MENU button to access main menu.
2. Use − ,+ to move Brightness and Contrast ICON.
3. Press SELECT button into the submenu.

◈ Brightness & Contrast Submenu

BRIGHTNESS / CONTRAST

Brightness

− + ➡ SELECT ➡ − +

1. Use − ,+ to move Brightness ICON.
2. Press SELECT button to select it.
3. Use − ,+ to adjust the brightness.

79%

◈ Brightness & Contrast Submenu

BRIGHTNESS / CONTRAST

Contrast

− + ➡ SELECT ➡ − +

1. Use − ,+ to move Contrast ICON.
2. Press SELECT button to select it.
3. Use − ,+ to adjust the contrast.

79%

Clock Phase

CLOCK PHASE

MENU ➡ − + ➡ SELECT

1. Press the MENU button to access main menu.
2. Use − ,+ to move Clock Phase ICON.
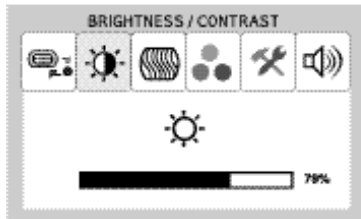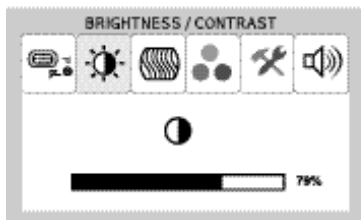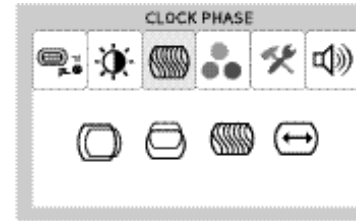3. Press SELECT button into the submenu.

Horizontal Position

◈ Clock Phase Submenu

CLOCK PHASE

− + ➡ SELECT ➡ − +

1. Use − ,+ to move H-Position ICON.
2. Press SELECT button to select it.
3. Use − ,+ to adjust display left or right.

79%

According to the characteristic of video card, control range can be changed.

Vertical Position

◈ Clock Phase Submenu

CLOCK PHASE

− + ➡ SELECT ➡ − +

1. Use − ,+ to move V-Position ICON.
2. Press SELECT button to select it.
3. Use − ,+ to adjust display upward or downward.

79%

According to the characteristic of video card, control range can be changed.

Clock Phase

− + ➡ **SELECT** ➡ − +

1. Press − ,+ to move Clock Phase ICON.
2. Use SELECT button to select it.
3. Use − ,+ to correct fine trembling or Video noise.

Clock

− + ➡ **SELECT** ➡ − +

1. Use − ,+ to move Clock ICON.
2. Press SELECT button to select it.
3. Press − or + to remove vertical noise.
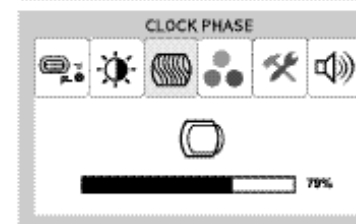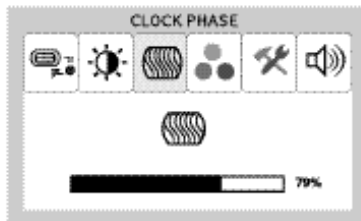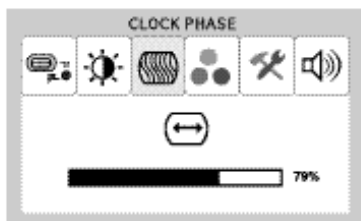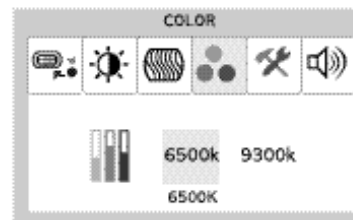   (Adjusting clock phase is required after the
     adjustment of clock.)

Color

MENU ➡ − + ➡ **SELECT**

1. Press MENU button to access main menu.
2. Use − ,+ to move Color ICON.
3. Press SELECT button into the submenu.

Preset Color

− + ➡ **MENU**

1. Use − ,+ to select the 6500K, and 9300K.
2. Press the Menu button to return previous state.

6500K : Reddish white	9300K : Bluish white

User Color

− + ➡ **SELECT** ➡ − + ➡ **MENU**

1. Use − ,+ to move User color ICON.
2. Press SELECT button to select it.
3. Use − ,+ to Shift the Color what you want.
4. Use select button to select it.
5. Use − ,+ to increase or decrease each color.
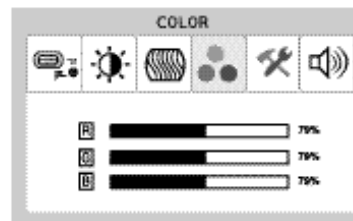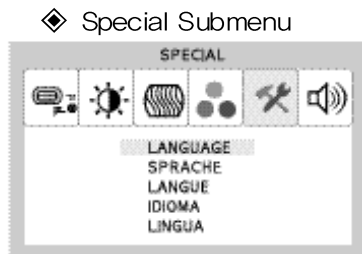6. Press the menu button to return previous state.

Special

MENU ➡ − + ➡ **SELECT**

1. Press MENU button to access main menu.
2. Use − ,+ to move Specal ICON.
3. Press SELECT button into the submenu.
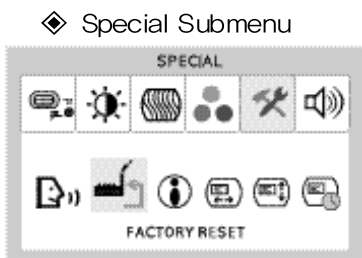
Language

SPECIAL

LANGUAGE
SPRACHE
LANGUE
IDIOMA
LINGUA

MENU ➡ − + ➡ SELECT ➡ − +

1. Use − ,+ to move Language ICON.
2. Press SELECT button to select it.
3. Use − ,+ to select language.

Factory Reset

◈ Special Submenu

SPECIAL

FACTORY RESET

− + ➡ SELECT

1. Use − ,+ to move the Factory Reset ICON.
2. Press SELECT button to return to default setting.

Information

◈ Special Submenu

SPECIAL

H : 64.1KHZ V : 60.2HZ
MODEL : H750D030106
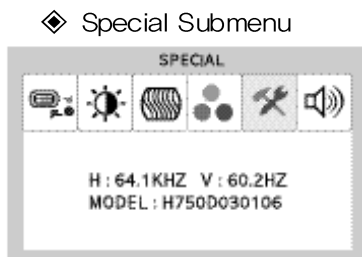
MENU ➡ − + ➡ SELECT

1. Use − ,+ to move the Information ICON.
2. Press SELECT button to select it.

You can know display information

※ Accoding to the characteristic of video card,
display information can be incorrect

OSD H-Position

◈ Special Submenu

SPECIAL

79%
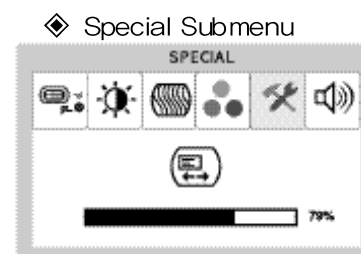
− + ➡ SELECT ➡ − +

1. Use − ,+ to move OSD H-Position ICON.
2. Press SELECT button to select it.
3. Use − ,+ to adjust OSD left or right.

OSD V-Position

◈ Special Submenu

SPECIAL

79%
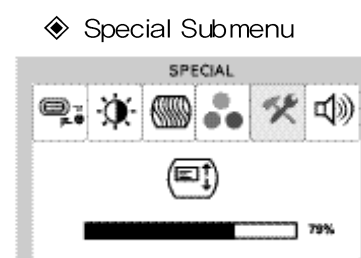
− + ➡ SELECT ➡ − +

1. Use − ,+ to move OSD V-Position ICON.
2. Press SELECT button to select it.
3. Use − ,+ to adjust OSD upward or downward.

OSD Time

◈ Special Submenu

SPECIAL

79%
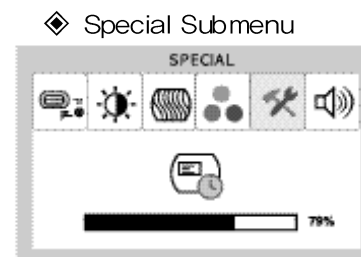
− + ➡ SELECT ➡ − +

1. Use − ,+ to move OSD Time ICON.
2. Press SELECT button to select it.
3. Use − ,+ to adjust OSD display time.

Sound (Option)

SOUND

MENU ➝ **−** **+** ➝ **SELECT or VOL BUTTON**

1. Use − ,+ to move Sound ICON.
2. Press SELECT button to select it.
3. Use − ,+ to control volume.
4. Press MENU button to return previous state.

HOT KEY

ANALOG & DVI

1. When change DVI display into Analog display select source button located in the left. Analog display will be showed after Analog input message.
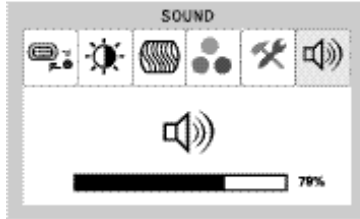
2. When change Analog display into DVI display select source button located in the left. DVI display will be showed after DVI input message.

3. No signal input message will be displayed when video card output is not mated with monitor source.

Standard Signal Table

Resolution	Horizontal Frequency (KHz)	Vertical Frequency (Hz)	Clock Frequency (MHz)
VGA (720 X 400)	31.469	70.087	28.322
VGA (640 X 480)	31.469	59.940	25.175
VGA (640 X 480)	37.500	75.000	31.500
SVGA (800 X 600)	37.900	60.320	40.000
SVGA (800 X 600)	46.875	75.000	49.500
XGA (1024 X 768)	48.363	60.004	65.000
XGA (1024 X 768)	60.023	75.029	78.750
SXGA (1280 X 1024)	63.981	60.020	108.000
SXGA (1280 X 1024)	79.976	75.025	135.000
MAC (640 X 480)	35.000	66.667	30.240
MAC (832 X 624)	49.726	74.551	57.284
MAC (1152 X 870)	68.681	75.062	100.000

Pin assignment table D-Sub Mini 15pin connector

Analog Cable

Pin No.	Assignment	Pin No.	Assignment
1	Red Video	9	5V Input
2	Green Video	10	Ground
3	Blue Video	11	Ground
4	N.C	12	SDA
5	Ground	13	H.Sync
6	Red Video Ground	14	V.Sync
7	Green Video Ground	15	SCL
8	Blue Video Ground		

1 5
6 10
11 15
15pin D-Sub

DVI Cable

1 8 D1
D2
9
D4
17 24 D3
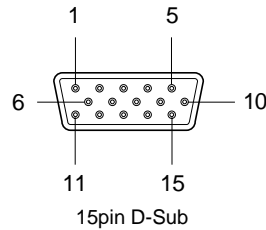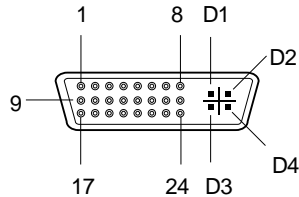
Pin No.	Assignment	Pin No.	Assignment	Pin No.	Assignment	Pin No.	Assignment
1	TX2−	9	TX1−	17	TX0−	25	NC
2	TX2+	10	TX1+	18	TX0+	26	NC
3	DVI input detect	11	Ground	19	Ground	27	NC
4	NC	12	NC	20	NC	28	NC
5	NC	13	NC	21	NC		
6	클럭 (D_DSCL)	14	DVI_I ground	22	Ground		
7	데이터 (D_DSDA)	15	Ground	23	TXC+		
8	NC	16	5V input	24	TXC−		

Specification

| Model		**H750D** (B17CF)
LCD Panel	Type	Amorphous active matrix super TFT LCD
	Screen Size	43.2cm (Diagonal)
	Maximum Resolution	1280 X 1024 @ 75 Hz
	Pixel Range	0.264 mm X 0.264 mm
	Display Colors	16.7M Color
	Contrast Ratio	350 : 1
	Viewing Angle	70° / 70° / 60° / 60° (Left / Right / Up / Down)
	Response Time	25 msec
	Luminance	250 cd/m^2
Synchronization	Horizontal Frequency	79.9kHz (Max.)
	Vertical Frequency	75 Hz (Max.)
Video Input	Video Signal	Analog RGB (0.714 Vpp) 75 ohm
	Synchronous Signal Mode	H, V Separate TTL Sync,
Power Consumption	Maximum	48W
	Power Saving Mode	Under 1 W(Analog)/Under 3.5 W(DVI)
Control key	Front Part	SOURCE ¸ MENU / EXIT, AUTO/SELECT, POWER, -/☼ , +/◐, VOL/MUTE
Audio Output	Normal	1W/Ch
	Max	1.5W/Ch
Power Supply		Input : 100-240Vac (50/60 Hz), 0.6A
Wall Mount		VESA Standard
Safety Standard & EMI	Safety Standard	UL, CE, TUV, CB
	EMI	FCC,RRL
	Low Radiation	MPR-II
Dimension	Size and Weight	380 ×176 ×368 / 5.8kg

Troubleshooting

| Power LED is dark. No picture. | ▷ | • Check the power connection. (Refer to page 4) |

| OSD, "check cable." is displayed on the screen. | ▷ | • Check the computer power is on. |

| Message, "check cable." is displayed on the screen. | ▷ | • Check the signal cable between monitor and computer. (Refer to page 4) |

| Screen looks to be run down. | ▷ | • Perform Auto_config. |

| Screen is not clear. | ▷ | • Remove attaches to the signal line (Video extension cable and others) and switch on.
• Perform Auto-config.
• Adjust clock and PHASE. |

| Display is unstable and trembling. | ▷ | • Check the resolution and frequency of computer and video card, and set up again refer to the current monitor mode and standard signal mode table. |

| Color is irregular. | ▷ | • Adjust COLOR at User Mode in OSD Color Menu. |

| Double images or 'ghosts'. | ▷ | • Check the resolution and frequency of computer and video card, and set up again in reference to the current monitor mode and standard signal mode table. |

| Picture is dark. | ▷ | • Adjust COLOR at User Mode in OSD Color Menu. |

| Picture is biased or cut or too wide. | ▷ | • Perform Auto-Config. |

| Power LED turns into Green blinking. | ▷ | • Monitor is in DPMS mode. |

| NO SOUND | ▷ | • Check the voice signal connection code or adjust volume |

Warning

To prevent damage or loss, please read this warning carefully.
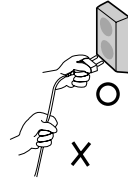
● When connecting/disconnecting the plug, pull out the plug itself, and never pull the cord to prevent fire caused by short.

● To prevent electric shock, do not connect/dis-connect the plug with wet hand.

● If you see smoke or smell something burning, stop using the unit, switch off the power, pull out the plug, and then contact your local service station.
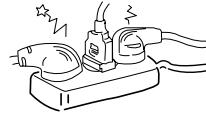
● To prevent fire, do not connect a large number of equipments in a single line.

● To prevent fire and electric shock, pull out the plug in case of thunder and lightening.

● To prevent fire and electric shock, do not try to take the monitor apart or repair it yourself. Contact your local service station or customer service center for inspection, modification or repair.