

20.1" TFT LCD MONITOR
User's Manual



TFT LCD MONITOR
YOU HAVE IT THEY DON'T

NP Series



NewQ™

20.1" TFT LCD MONITOR

YOU HAVE IT THEY DON'T

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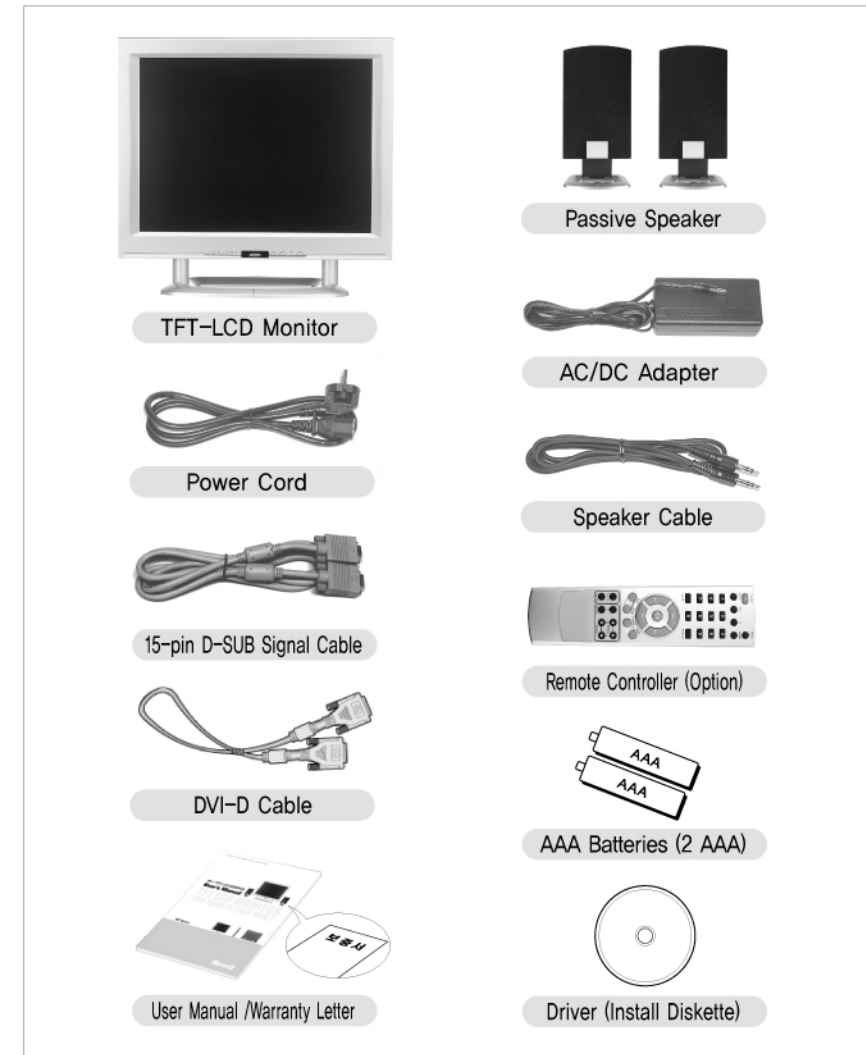
Chapter 1. Initial Preparations

Safety Precautions

- 1 Before connecting the AC power cord to the DC adapter outlet, make sure the voltage designation of the DC adapter corresponds to the local electrical supply.
- 2 Never insert anything metallic into the openings in the cabinet of the Liquid Crystal Display (LCD) Monitor : doing so may create the danger of electric shock.
- 3 To avoid electric shock, never touch the inside of the LCD Monitor. Only a qualified technician should open the case of the LCD Monitor.
- 4 Never use your LCD Monitor if the power cord has been damaged. Do not allow anything to rest on the power cord, and keep the cord away from areas where people can trip over it.
- 5 Be sure to hold the plug, not the cord, when disconnecting the LCD Monitor from an electric socket.
- 6 Openings in the LCD Monitor cabinet are provided for ventilation. To prevent overheating, these opening should not be blocked or covered. Also, avoid using 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.
- 7 Put your LCD Monitor in a Location with Low humidity and a minimum of dust.
- 8 Do not expose the LCD Monitor to rain or use it near water (in kitchens, near swimming pools, etc.). If the LCD Monitor accidentally gets wet, unplug it and contact an authorized dealer immediately. You can clean the LCD Monitor with a damp cloth when necessary, but be sure to unplug the LCD Monitor first.
- 9 Place the LCD Monitor on a solid surface and treat it carefully. The screen is made of thin glass with a plastic front surface and can be damaged if dropped, hit or scratched. Do not clean the front panel with keton-type materials (e.g., acetone), ethyl alcohol, toluene, ethyl acid, methyl, or chloride—these may damage the panel.
- 10 Locate your LCD Monitor near an easily accessible AC outlet.
- 11 If your LCD Monitor does not operate normally—in particular, if there are any unusual sounds or smells coming from it—unplug it immediately and contact an authorized dealer or service center.
- 12 High temperature can cause problems. Don't use your LCD Monitor in direct sunlight, and keep it away from heaters, stoves, fireplaces, and other sources of heat.
- 13 Unplug the LCD Monitor when it is going to be left unused for an extended period of time.
- 14 Unplug your LCD Monitor from the AC outlet before any service.

Chapter 2. Monitor Parts

What's in the Package

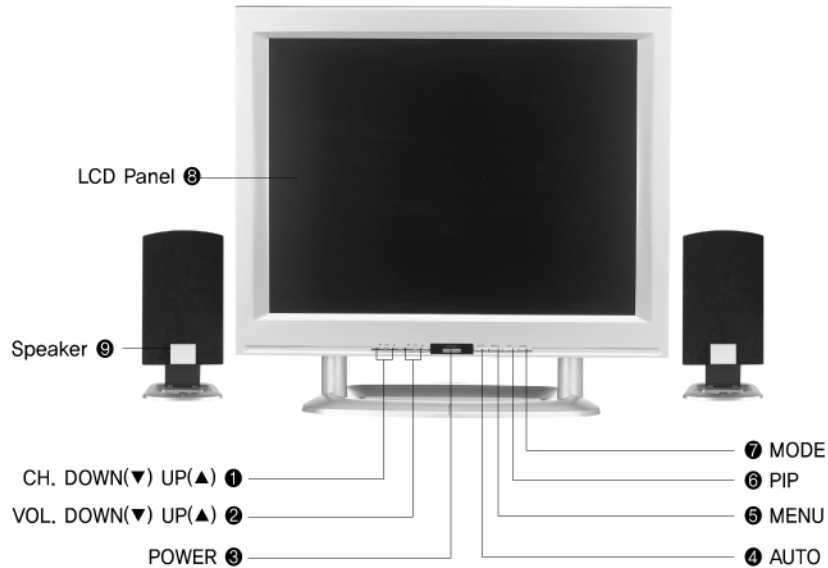


※Unpack and check the contents when you buy this monitor.
If there is any missing part or damaged one, contact the branch store immediately.

Chapter 2. Monitor Parts

Front Part of Monitor

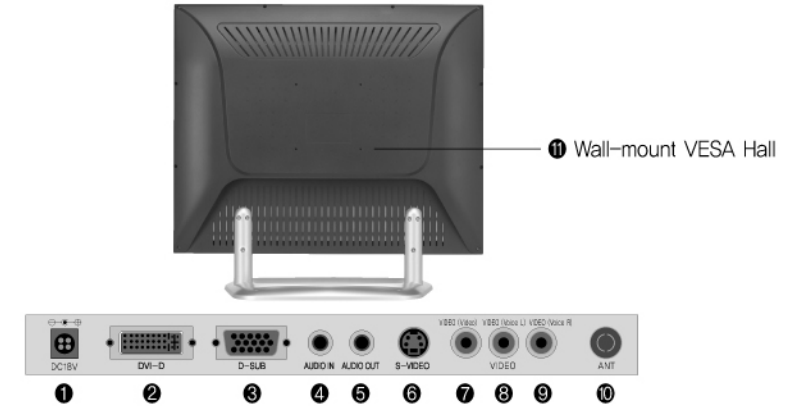
Explanation on buttons and various connections of this Monitor



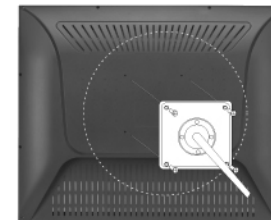
- 1 CH. DOWN(▼) UP(▲) : Button to adjust the channel in the monitor.
- 2 VOL. DOWN(▼) UP(▲) : Button to adjust the volume in the monitor.
- 3 POWER : Turn on or off the monitor.
- 4 AUTO : Used to automatically adjust the screen in VGA mode.
Used for AUTO SCAN function in TV mode.
(But, it is not available in DVI, S-VIDEO or VIDEO mode.)
- 5 MENU : Button to pop up the On Screen Display (OSD) menu.
- 6 PIP : Picture-In-Picture and appears in the screen while you work on the monitor.
- 7 MODE : Change in the order of ARGB→DVI→TV→CVBS→SVHS.
- 8 LCD Panel : TFT LCD screen, 1600 X 1200 mode, 16.7M color or above supported.
- 9 Speaker (Optional) : Stereo speakers with maximum output of 3 W are inbuilt in the left and the right, and can be used by connecting to PC sound card port. In addition, you can also enjoy TV sounds through headphone by connecting the headset to AUDIO OUT port of this monitor.
(For more details, refer to Installing Monitor)

20.1" TFT LCD Monitor

Rear Part of Monitor



- 1 DC18V : Make sure to use the adapter provided for power input port.
- 2 DVI-D : Connect DVI signal cable to PC and monitor with DVI cable provided.
- 3 D-SUB : Connect D-SUB signal cable to PC and monitor with D-SUB cable provided.
- 4 AUDIO IN : Connect to speaker port of PC sound card using the speaker cable provided.
- 5 AUDIO OUT : Connect the cable of the external speaker to this output port.
- 6 S-VIDEO : Connect to S-VIDEO input port of external device with S-VIDEO cable.
- 7 VIDEO (Video) : Connect to video output port of VIDEO with RCA cable.
- 8 VIDEO (Voice L) : Connect to Voice (L) output port of VIDEO with RCA cable.
- 9 VIDEO (Voice R) : Connect to Voice (R) output port of VIDEO with RCA cable.
- 10 TV : Connect the antenna cable you have.
- 11 Wall-mount VESA Hall : Use this hole if you use it for wall-mount.†
- This product uses 100 X 100 mm VESA specification, (Separately purchase the wall-mount device)

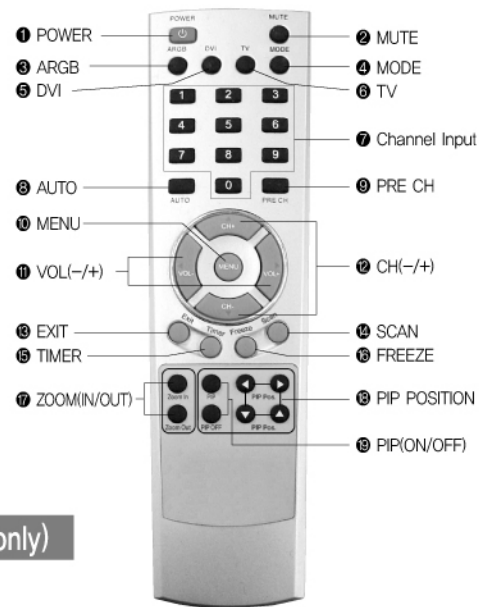


■ Stand for Rear Cover Installation

Arrange it around 4 screw holes of stand for rear cover installation of monitor and fix with 4 screws on the wall-mount or other stand.

■ How to Remove Monitor Stand

1. Push and take out the cover of screw on the stand of monitor.
2. Unfasten the screw and remove the stand.

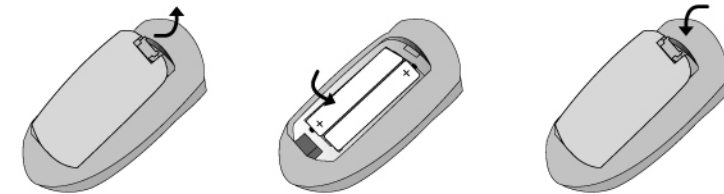


Remote Controller (For TV Model only)

- 1 POWER : Turn on or off the monitor.
- 2 Mute : Button to mute the speaker regardless of volume adjustment.
- 3 ARGB : Display your screen with a Analog mode.
- 4 MODE : Change in the order of ARGB→DVI→TV→CVBS→SVHS.
- 5 DVI : Display your screen with a digital mode.
- 6 TV : Button to pop up the TV screen. In addition, press one again in TV mode to pop up antenna or cable selection menu.
- 7 Channel Input : Used to directly enter the channel.
- 8 AUTO : Used to automatically adjust the screen in ARGB mode.
- 9 PRE CH : Move your current TV channel to previous Channel.
- 10 MENU : Button to pop up the On Screen Display (OSD) menu.
- 11 VOL(◀/▶) : Button to increase or decrease the volume.
- 12 CH(▲/▼) : Button to move channel in TV mode.
- 13 EXIT : Button to release the function.
- 14 Scan : Search consecutively and enter specific TV channel in TV mode.
- 15 TIMER : Setup your Monitor OFF timing.
- 16 FREEZE : If press this button, your screen has frozen, where displaying.
- 17 ZOOM(IN/OUT) : Button to adjust the size of screen.
- 18 PIP POSITION : SUB-Screen moves to Upper/Down/Left/Right.
- 19 PIP(ON/OFF) : On VGA mode, Picture-in-picture function to view TV or video while working in the screen.

Cautions for Remote Controller

■ Inserting battery in remote controller



① Pull up the cover.

② Insert the batteries (AAA, 1.5V x 2) to fit the +,- polarity.

③ Close the cover.

■ How to Use Remote Controller

▶ Distance and Angle for Using Remote Controller

- Remote controller can be used in close distance from the reception part (between power LED and power button) of remote controller within the angle of 30° to the right and the left.

▶ Discard the waste batteries in the separate collection box.

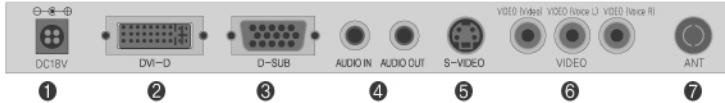
(separately discard them since they will affect the environment)

※ If Remote Controller does not Work

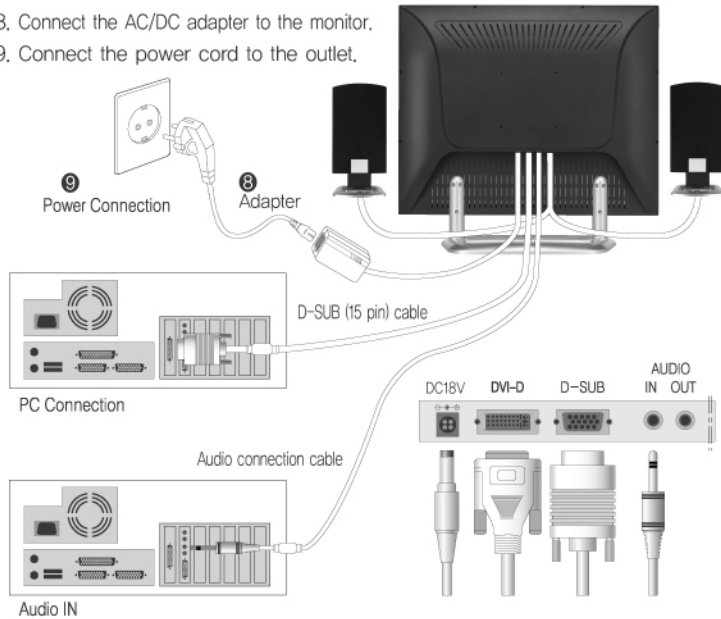
1. Check the +, - polarity of batteries.
2. Check whether the batteries are all exhausted.
3. Check whether it is a power failure.
4. Check whether power cord is pulled out.
5. Check whether 3 wavelength lamp, special fluorescence and neon sign are turned on around it.

Basic Connection (Common for PC and Macintosh)

The adapter included in this monitor has the voltage auto change device. Power voltage is AC110~240V 3.88A 50/60Hz. Check the power connection port on the rear of the monitor.

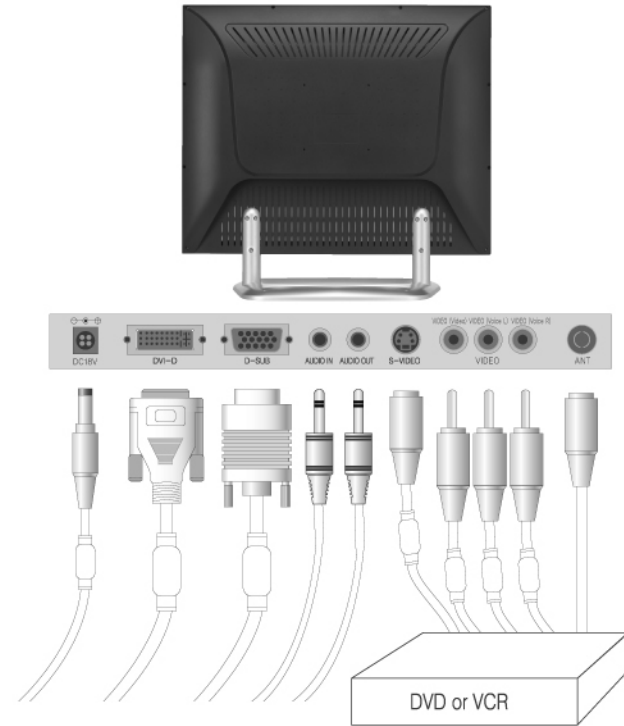


1. Check whether PC and monitor are turned off before connecting the cable.
2. Connect to DVI port of computer graphic card with DVI-D cable provided when using DVI-D port. (But, it is available only when it is supported in graphic card when connecting DVI)
3. Connect the monitor and PC with 15 pin connection cable (D-SUB) and fasten them with 2 screws. When they are not fastened, the screen may seem abnormal or power LED is red, instead of green.
4. Connect the Audio cable. 5. Connect the S-Video cable.
6. Connect the Video and voice cable. 7. Connect the antenna.
8. Connect the AC/DC adapter to the monitor.
9. Connect the power cord to the outlet.



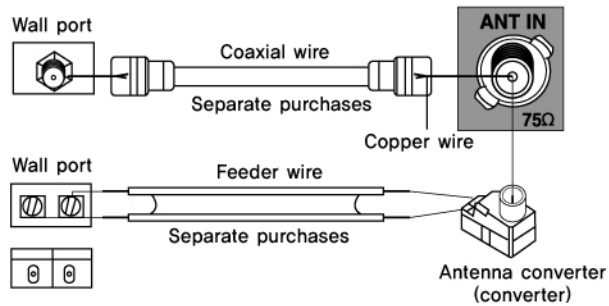
Advanced Connection

■How to Connect TV/VCR/DVD Player



1. Connect the RCA connection port or S-VHS connection cable to DVD, VCR or camcorder.
 2. Connect the audio output (computer, DVD, VCR or camcorder) to the necessary input port.
 3. Connect the external audio system to the "Audio" port.
 4. Connect the antenna or CATV connection cable to the "Antenna" port.
- ※Antenna connector may differ depending on the area of using the broadcasting system.

Connecting antenna

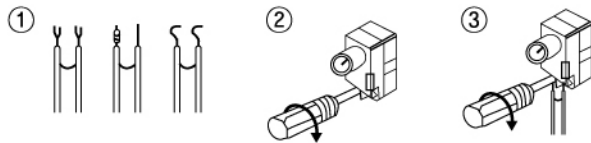


■ Apartment, town-houses

▶ If using indoor antenna port.

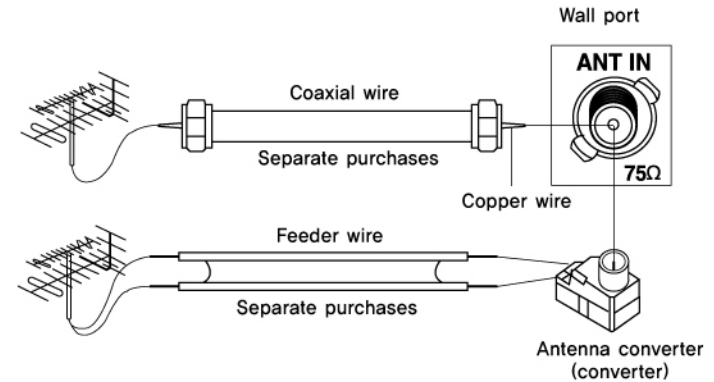
- Check the antenna wire after checking the antenna connection port on the wall.
- Connecting with coaxial wire: wall port, coaxial wire (separate purchase), copper wire
- Connecting with feeder wire: wall port, feeder line (separate purchase), antenna converter (separate purchase)

■ How to Connect Feeder Wire (300Ω) to Antenna Converter



- ① Strip, twist the antenna wire and make it in the shape of a ring.
- ② Loosen the screw with +-shaped driver.
- ③ Insert the antenna wire and fasten it with a driver.

Connecting Antenna



■ General house

▶ If using outdoor antenna

- If you use outdoor antenna, consult with the technician.
- If connecting with coaxial wire: coaxial wire (separate purchase), copper wire
- If connecting with feeder wire: feeder wire (separate purchase), antenna converter (separate purchase)

■ Remember!

▶ How to connect the coaxial wire (75Ω) to antenna input port?

- Be careful not to bend the copper wire.
- Purchase antenna wire and antenna converter at the electronic store nearby.

▶ Is the TV broadcasting channel too weak?

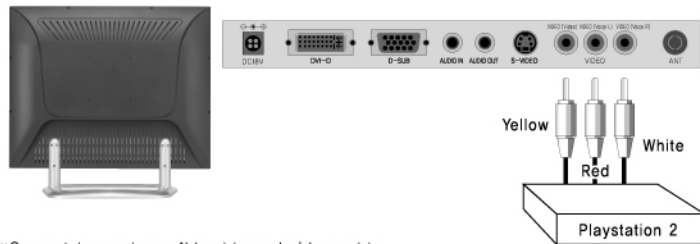
- Separately purchase and install the radio amplifier to receive high quality broadcasting.

Playstation2 Connection

■ How to Connect to SONY Playstation2™

1. How to Connect with Basic AV Cable.

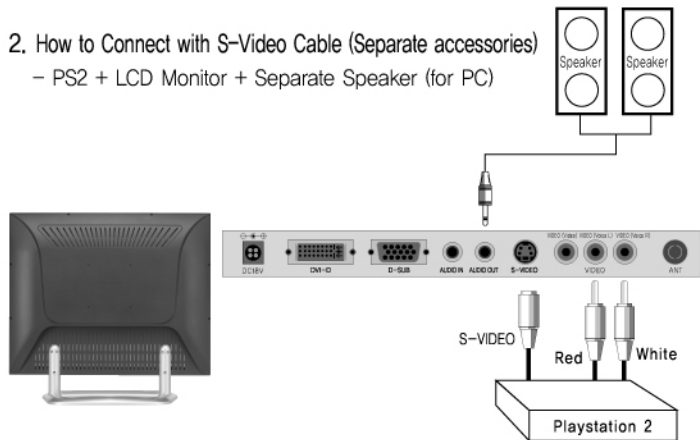
– PS2 + LCD Monitor (Sound is output through external speaker of LCD monitor)



※Separately purchase AV cable and video cable.

2. How to Connect with S-Video Cable (Separate accessories)

– PS2 + LCD Monitor + Separate Speaker (for PC)



※Connect the audio output part of S-video cable with separate speaker for general audio as shown in the figure.

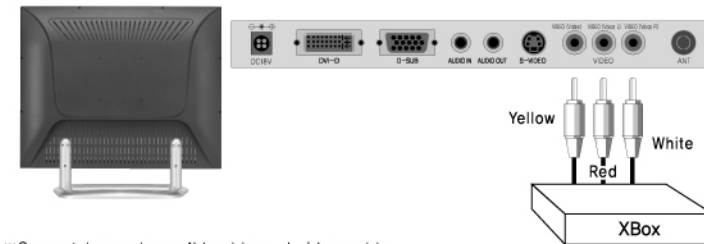
※Separately purchase S-video cable if you want to connect it as shown in the above figure.

XBOX Connection

■ How to Connect to Microsoft Xbox™

1. How to Connect with Basic AV Cable.

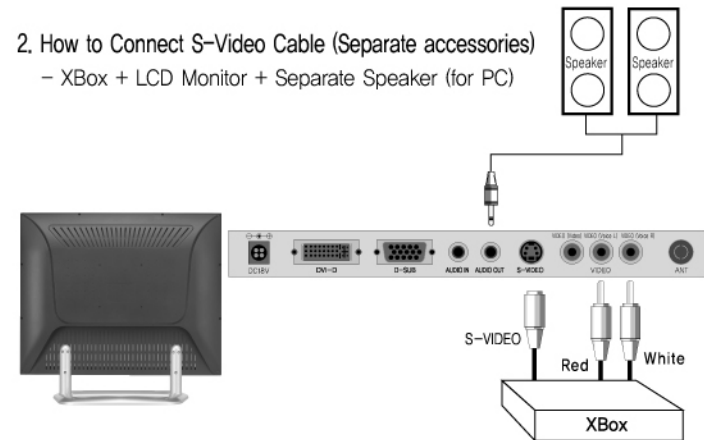
– Xbox + LCD Monitor (Sound is output through external speaker of LCD monitor)



※Separately purchase AV cable and video cable.

2. How to Connect S-Video Cable (Separate accessories)

– Xbox + LCD Monitor + Separate Speaker (for PC)



※Connect the audio output part of advanced AV pack for Xbox with separate speaker for general audio as shown in the figure.

※Separately purchase advanced AV pack for Xbox, if you want to connect it as shown in the above figure

Monitor Driver

Installing monitor driver will result in proper setting of resolution and frequency on the monitor so that you can work on brighter screen.

※Cautions : Install it after checking the type of monitor again. For name of monitor model, check the label attached on the back of the monitor.

■ Installation Method

1. Auto Installation

Windows XP/2000

- 1) Insert the Install diskette in the computer drive.
- 2) Use the Explorer to execute "Install.exe."
- 3) Select your monitor model in the menu and then press the "OK" button.
- 4) When "Do you want to continue the installation?" window appears, press the "YES" button.
- 5) When a window "Monitor Setup has been successfully completed" appears, press the "OK" button.
- 6) When a window "It is about to change your monitor to the optimal status.
It will take several seconds and the screen may blink while it is carried out.
If you do not apply optimal screen setting, it will automatically return to the original background within 12 seconds," press the "OK" button.
- 7) When a window "Optimal screen setting has been successfully completed.
It will return to the previous screen in 10 seconds. Do you want to keep these settings?"
press the "YES" button.

Windows 98/ME

- 1) Insert the Install diskette in the computer drive.
- 2) Use the Explorer to execute "Install.exe."
- 3) Select your monitor model in the menu and then press the "OK" button.
- 4) When a window "Insert Disk" appears, press the "OK" button and specify the path of install diskette in the field of original file path.(Ex: A:\) (Caution: It may automatically install without displaying a window "Insert Disk".)
- 5) When a window "Monitor Setup has been successfully completed" appears, press the "OK" button.
- 6) When a window "It is about to change your monitor to the optimal status. It will take several seconds
and the screen may blink while it is carried out. If you do not apply optimal screen setting, it will
automatically return to the original background within 12 seconds," press the "OK" button.
- 7) When a window "Optimal screen setting has been successfully completed.
It will return to the previous screen in 10 seconds. Do you want to keep these settings?"
press the "YES" button.

2. Manual Installation

Windows 2000

- 1) Select "Start" – "Settings" – "Control Panel."
- 2) Click "Display" icon.
- 3) Select "Settings" – "Advanced" button.
- 4) Click "Monitor" – "Properties" button.
- 5) Select "Driver" and click "Update Driver" button.
- 6) Click "Next" button.
- 7) Select "Show driver list in this device to select specific driver" and press "Next" button.
- 8) Select "Have disk" button.
- 9) Specify the directory or driver where diskette is located and press "OK" button.(Ex: A:\)
- 10) Find and select the model in "Select Model" and press "Next."
- 11) Press "Next."
- 12) Press "YES" button.
- 13) When a window "Driver has been successfully installed" appears, press "Finish" button.

Windows 98

- 1) Select "Start" – "Settings" – "Control Panel."
- 2) Click "Display" icon.
- 3) Select "Settings" – "Advanced" button.
- 4) Select "Monitor" – "Change" button.
- 5) Press "Next" button in the device driver update wizard screen.
- 6) Select "Select the desired driver after making driver list" and press "Next" button.
- 7) Select "Have disk" button, specify the drive path and press "OK."(Ex: A:\)
- 8) Find and select the model in "Select Model" and press "Next."
- 9) Press "Next" button and when a window "Selected driver has been successfully installed" appears,
press "Finish" button.

Windows ME

- 1) Select "Start" – "Settings" – "Control Panel."
- 2) Click "Display" icon.
- 3) Select "Settings" – "Advanced" button.
- 4) Select "Monitor" – "Change" button.
- 5) Select "Specify Location of Driver (Advanced)" and press "Next."
- 6) Select "Select the desired driver after making driver list in the specific location" and press "Next" button.
- 7) Select "Have disk" button, specify the drive path and press "OK."(Ex: A:\)
- 8) Find and select the model in "Select Model" and press "Next."
- 9) Press "Next" button and when a window "Selected driver has been successfully installed"
appears, press "Finish" button.

Chapter 3. Installing Monitor

Windows NT

- 1) Select "Start" – "Settings" – "Control Panel."
- 2) Click "Display" icon.
- 3) Select "Settings" – "Adapter Type."
- 4) Select the proper color and resolution (1280x1024) in the "Display" screen again.
- 5) Change "Refresh rate" to "60Hz."
- 6) To test the changed frequency, select "Test," press "OK" and then press "OK".
- 7) If you change the setting of video adapter, reboot your system.

Linux

It is necessary to make xf86confing file, a system setting file, in order to execute X-window. Your monitor can be set using this file. This file is made by executing xf86confing.

- 1) After executing xf86confing, press Enter in the first and the second screen.
- 2) The third screen is to set the mouse.
- 3) Set the system you use to fit the mouse.
- 4) Next screen is to select the keyboard.
- 5) Set the system you use to fit the keyboard.
- 6) Next screen is to set the monitor.
- 7) You should set the horizontal frequency fist. Select it in reference to the manual (You may directly enter the frequency.)
- 8) Next, you should set the frequency. Select it in reference to the manual (You may directly enter the frequency.)
- 9) Next, enter the monitor model name (The information of monitor entered here is not directly related to execution of X-window).
- 10) Now, monitor setting has been completed.
- 11) Complete setting of other hardware and save the setting file made in the program.
- 12) Now, execute X-window.

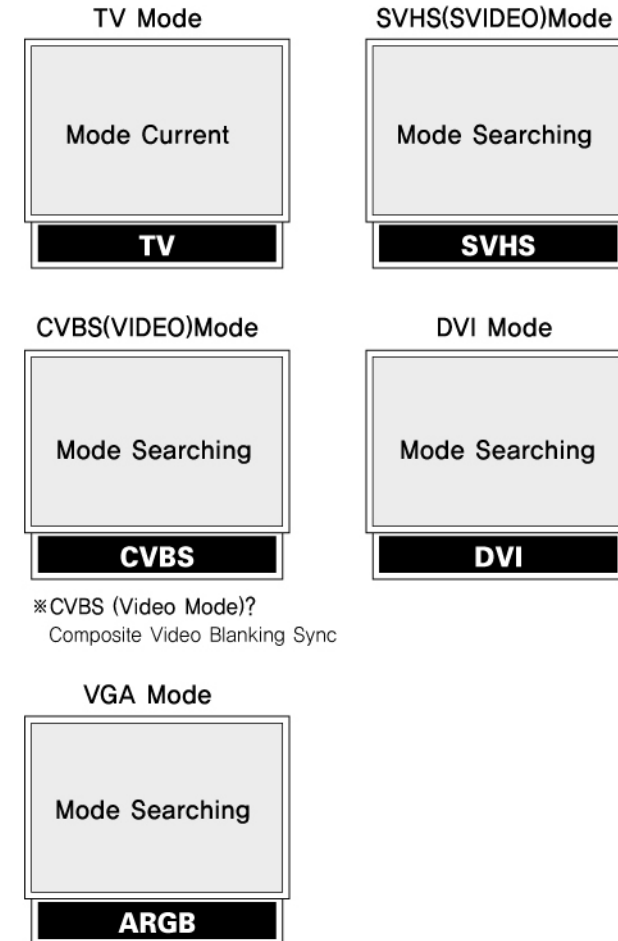
■Cautions after Installation

After installing the monitor to PC, it is desirable to optimize the screen using the AUTO ADJUST in the MENU. (Refer to "How to Use OSD Menu" for AUTO ADJUST (Page 24).)

Chapter 4. Using Monitor

Each Mode Window

Press OSD button (mode) or remote controller button (mode) to display the following windows as shown below. You can use it by setting it to fit each mode.

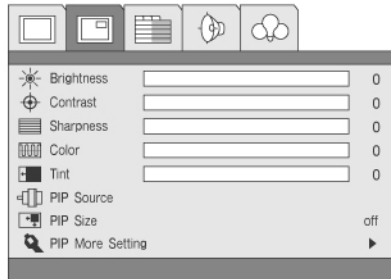


OSD menu per basic Icon



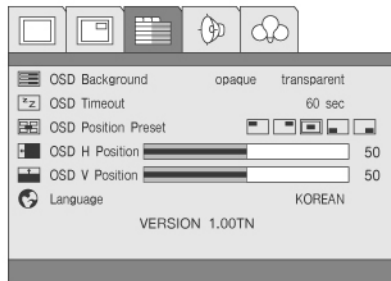
■ VGA Mode

- Brightness : Adjust the overall brightness of screen.
- Contrast : Adjust the overall contrast of screen.
- Phase : Adjust if a noise occurs in the screen or it is out of focus.
- Frequency : Use while adjusting according to user setting.
- H Position : Move the entire screen to the left or right.
- V Position : Move the entire screen to the below or upper.



■ PIP Screen Setting

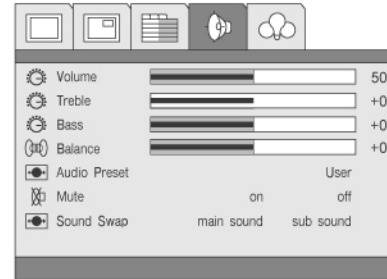
- Brightness : Adjust the overall brightness of screen.
- Contrast : Adjust the overall contrast of screen.
- Sharpness : Adjust the sharpness of PIP screen.
- Color : Adjust the color.
- Tint : Adjust the tint.
- PIP Source : Video, S video, TV
- PIP Size : Adjust in the order of off, small, normal and big.
- PIP More Setting : Adjust the horizontal position, vertical position and PIP position.



■ OSD Screen Setting

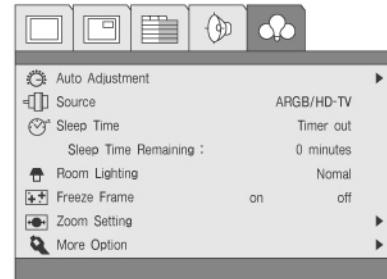
- OSD Background : Adjust the background to transparent and opaque.
- OSD Timeout : Up to 60 seconds
- OSD Position Preset : Can select 5 positions among up, down, right, left and middle.
- OSD H Position : Move OSD screen horizontally right and left.
- OSD V Position : Move OSD screen vertically up and down.
- Language : Korean, Japanese, English, French, Italian, German.

OSD menu per basic icon



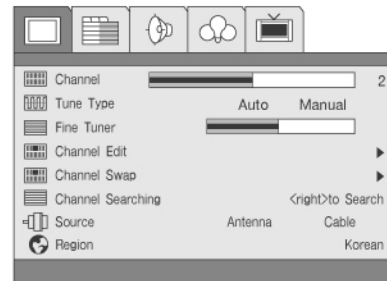
■ Sound Setting

- Volume : Adjust the pitch of sound
- Treble : Adjust the tone color of high-pitched sound.
- Bass : Adjust the tone color of low-pitched sound.
- Balance : Adjust the right or left volume sound.
- Audio Preset : Change the mode to User, Movie, News and Standard.
- Mute : Set to off or on.
- Sound Swap : Exchange between sound of main sound and sub sound.



■ Other Settings

- Auto Adjustment : Function to return to the optimal status when the on status of screen is unstable or flickers.
- Source : Indicate the signal input to the screen.
- Sleep Time : Operate in TV mode and can be reserved for up to 120 minutes.
- Room Lighting : Set to Movie, Bright or Standard.
- Freeze Frame : Set to on and off.
- Zoom Setting : Adjust the size of screen.
- More Option : Color temp, sharpness filter, scale mode and factory reset.



■ TV Setting

- Channel : Set the channel you want to watch.
- Tune Type : Adjust in auto or manual menu.
- Fine Tuner : Finely tune the frequency of channel.
- Channel Edit : Add/delete the selected channel.
- Channel Swap : Swap the selected channel with other channel.
- Source : Set to Antenna or Cable.
- Region : Set to Korea, USA, Japan or Taiwan.

For use of products

■ Following OSD screen will appear when you turn on the monitor for the first time.



1. Operates in OSD screen as selected.
2. Mode is changed whenever you press Mode button in the bottom of monitor or Mode button of the remote controller.
3. Contents of each mode window differ depending on the user's environment.

※ ARGB: General VGA Mode, CVBS: Video Mode, SVHS: S Video Mode

PC Screen Setting

■ Auto Setting

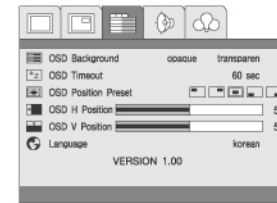
1. Press "AUTO" button.
2. The screen you are watching is automatically adjusted
(press it several times if the screen does not operate properly after adjusting one time.)
3. You can adjust more easily using Auto button of the remote controller
(Auto adjustment works in case of analog input.)

■ Manual Setting

1. Press "Menu" button.
2. Press ◀/▶ button to select the items including .
3. Press "▲/▼" button to select the item you want to adjust.
4. Press "◀/▶" button to adjust the setting value according to user's environment.
5. After adjusting, press the Menu button to return to the previous stage and press it again to make the Menu window disappear

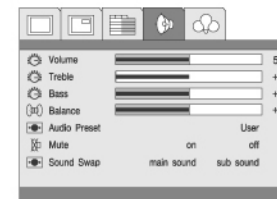
OSD Screen Setting

1. Press "Menu" button.
2. Press "◀/▶" button to select the item.
3. Press "▲/▼" button to select the item you want to adjust
4. Press "◀/▶" button to adjust the setting value according to user's environment.
 - OSD screen adjustment differs depending on input (VGA, DVI, TV, Video, S-Video).
 - When the product is released from the factory, it is based on the language of the region where the product is sold (Ex: Sales in Korea: Korean)
5. After adjusting, press the Menu button to return to the previous stage and press it again to make the Menu window disappear.





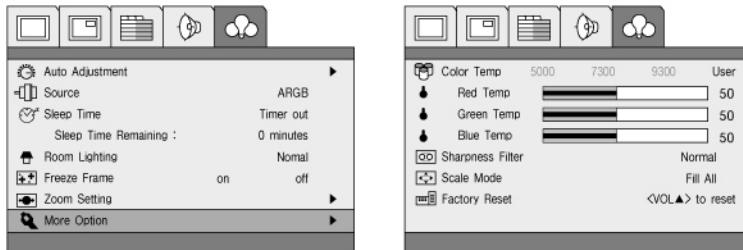
Sound Setting

1. Press "Menu" button.
2. Press "◀/▶" button to select the item.
3. Press "▲/▼" button to select the item you want to adjust
4. Press "◀/▶" button to adjust the setting value according to user's environment.
 - Sound mode can be set to Movie, News and Standards by default in addition to the mode the user customizes.
 - You can use Sound Mute function more conveniently, using the Mute button of the remote controller.
5. After adjusting, press the Menu button to return to the previous stage and press it again to make the Menu window disappear.



Screen Tint Setting



1. Press "Menu" button.
2. Press "◀/▶" button to select the  item.
3. Press "▲/▼" button to select the  .
4. Color Temp. : Select the tine you want among 5000/7300/9300/user.
(You can adjust red, green and blue according to the user's environment using the user setting.)
Sharpness: Select the sharpness you want among
Clearly/Normal/Softly/Very Softly/Very Clearly.
Scale Mode: Select the scale you want among Fill All/One to One/Zoom.
Factory Reset: Return to the initial setting as set at the time of factory delivery.
5. After adjusting, press the Menu button to return to the previous stage and press it again to make the Menu window disappear.

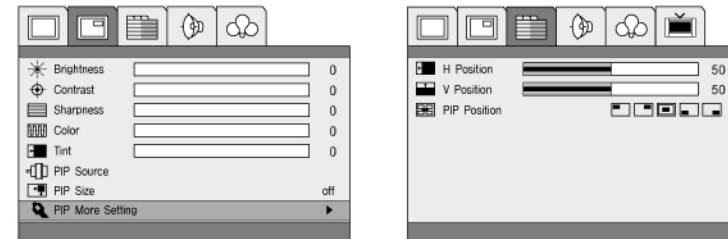


PIP Setting

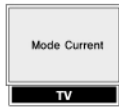
■ To watch two screens at the same time

To watch two screens at the same time Each screen (Video, TV, S-Video) operates in PIP when it is in PC mode. However, PC screen does not work as PIP if it is in screen mode such as TV, Video or S-Video.

1. Press "Menu" button.
2. Press "◀/▶" button to select the  item.
3. Press "▲/▼" button to select the item you want to adjust
When PIP is not used, OSD screen is not activated. Following items will be activated when PIP operates.
4. Press "◀/▶" button to adjust the setting value according to user's environment.
5. Select the  to adjust the H position, V position and PIP size
(Up Down Right Left Middle).
6. After adjusting, press the Menu button to return to the previous stage and press it again to make the Menu window disappear.



To Watch TV



Select "TV" in "MODE" to turn on TV screen.

■ TV Screen Setting (can be set in TV mode).

1. Press "Menu" button.
2. Press "◀/▶" button to select the item.
3. Press "▲/▼" button to select the item you want to adjust
4. Press "◀/▶" button to adjust the setting value according to user's environment.
5. After adjusting, press the Menu button to return to the previous stage and press it again to make the Menu window disappear.



■ Screen Mood Setting

1. Press "Menu" button.
2. Press "◀/▶" button to select the item.
3. Press "▲/▼" button to select the Room Lighting
4. Press "◀/▶" button to select the mood you want among Standard/Movie/Bright.
5. After adjusting, press the Menu button to return to the previous stage and press it again to make the Menu window disappear.

■ Screen Stop Setting

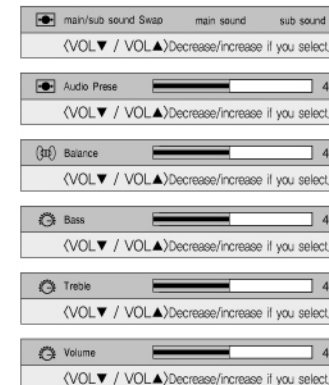
1. Press "Menu" button.
2. Press "◀/▶" button to select the icon image item.
3. Press "▲/▼" button to select the icon image.
4. Press "◀/▶" button to select On/Off.
5. After adjusting, press the Menu button to return to the previous stage and press it again to make the Menu window disappear.

■ Screen Stop Setting

1. Press "Menu" button.
2. Press "◀/▶" button to select the icon image item.
3. Press "▲/▼" button to select the icon image.
4. Press "◀/▶" button to select the screen size.
5. After adjusting, press the Menu button to return to the previous stage and press it again to make the Menu window disappear.



■ Sound Setting

1. Press Volume "◀/▶" button to display the following window in the screen.
2. Press Channel "▲/▼" button to select the item you want to adjust
3. Press Volume "◀/▶" button to adjust the setting value according to user's environment.
 - In Sound mode, you can listen to the sound in the mode you set in advance such as News/Movie/User/Standard.
 - Select the "User" in Sound mode to set it to your tastes.





Advanced Operation



■ Mute the sound (MUTE function)

1. Press "Menu" button.
2. Press "◀/▶" button to select the  item.
3. Press "▲/▼" button to select the  sound.
4. Press "◀/▶" button to select Off button.
 - You can use more conveniently using the "MUTE" button of the remote controller.
5. After adjusting, press the Menu button to return to the previous stage and press it again to make the Menu window disappear.



■ Menu window Position Setting

1. Press "Menu" button.
2. Press "◀/▶" button to select the  item.
3. Press "▲/▼" button to select the  OSD setting.
4. Press "◀/▶" button to select the language.
5. After adjusting, press the Menu button to return to the previous stage and press it again to make the Menu window disappear.




■ Menu window Background Setting

1. Press "Menu" button.
2. Press "◀/▶" button to select the  item.
3. Press "▲/▼" button to select the  Language.
4. Press "◀/▶" button to select the language.
5. After adjusting, press the Menu button to return to the previous stage and press it again to make the Menu window disappear.



■ Menu window Background Setting

1. Press "Menu" button.
2. Press "◀/▶" button to select the  item.
3. Press "▲/▼" button to select the  OSD Background.
4. Press "◀/▶" button to select the opaque/ transparent
5. After adjusting, press the Menu button to return to the previous stage and press it again to make the Menu window disappear.

■ Initialization Setting

1. Press "Menu" button.
2. Press "◀/▶" button to select the  item.
3. Press "▲/▼" button to select the  More Option.
5. Press "VOL▲" button to  Factory Reset initialize.
6. After adjusting, press the Menu button to return to the previous stage and press it again to make the Menu window disappear.

■ Sleep Time Setting

1. Press "Menu" button.
2. Press "◀/▶" button to select the  item.
3. Press "▲/▼" button to select the  Time Out.
4. Press "◀/▶" button to select the time you want.
5. After adjusting, press the Menu button to return to the previous stage and press it again to make the Menu window disappear.

Troubleshooting

In case of trouble, check these items before calling the service center.

Trouble	Suggested	Remedy
Screen is blank and power indicator is off.	<ul style="list-style-type: none"> ▶ Check power cable connection. ▶ Check power button. 	<ul style="list-style-type: none"> ▶ Secure the connection. ▶ Push the power button.
Screen is blank but power indicator is in green mode.	<ul style="list-style-type: none"> ▶ Check the monitor signal cable (D-SUB) connection. 	<ul style="list-style-type: none"> ▶ Secure the connection of monitor signal cable (D-SUB)
Display position and size is incorrect.	<ul style="list-style-type: none"> ▶ Check for correct adjustment of display position and size. 	<ul style="list-style-type: none"> ▶ Start Auto adjustment in mainmenu.
Screen color isn't uniform and stable.	<ul style="list-style-type: none"> ▶ Check video card resolution. 	<ul style="list-style-type: none"> ▶ Change the video card settings or resolution. ▶ Adjust color in SUB menu.
Display is too bright or too dark.	<ul style="list-style-type: none"> ▶ Check monitor brightness. 	<ul style="list-style-type: none"> ▶ Adjust the brightness and contrast in SUB menu.
Any noise appearing in images or characters are not clearly portrayed.	<ul style="list-style-type: none"> ▶ Check PHASE icon. 	<ul style="list-style-type: none"> ▶ Decrease the noise using the PHASE icon in main menu.
Picture is OK but No Sound. [Option]	<ul style="list-style-type: none"> ▶ Check that the AUDIO Cable connected between Audio in terminal of Monitor and Line Out terminal of your Computer. ▶ Check the Volume level. 	<ul style="list-style-type: none"> ▶ Make sure that MUTE is not on and the volume level.
Sound is too small.	<ul style="list-style-type: none"> ▶ Check the Volume Level of monitor and Audio Level on your OS(Operating System). 	<ul style="list-style-type: none"> ▶ Volume up your Monitor with OS(Operating System).
No appear DVI Mode. [Option]	<ul style="list-style-type: none"> ▶ Check a DVI cable. 	<ul style="list-style-type: none"> ▶ Secure the DVI Cable connection.
No TV Signal (Option)	<ul style="list-style-type: none"> ▶ Check a TV Antenna cable's connection. 	<ul style="list-style-type: none"> ▶ Adjust the TV Setting Mode on OSD.

Model Specification

MODEL		NP201DTP	NP201DVP
Panel	Viewable Size	20.1 Inch	20.1 Inch
	Pixel pitch (H×V)	0.255×0.255mm	0.255×0.255mm
	Brightness	250cd/m ²	250cd/m ²
	Contrast Ratio	300 : 1	300 : 1
	View Angle (L/R/U/D)	80°/80°/80°/80°	80°/80°/80°/80°
Input Signal	Response Time (R/F)	20 ms	20 ms
	Horizontal Frequency	31~80KHz	31~80KHz
Input Signal	Vertical Frequency	56~85Hz	56~85Hz
	Resolution	1600×1200(60Hz)	1600×1200(60Hz)
Display Color		16.7M(dithering)	16.7M(dithering)
Interface <small>Some functions supported for a few models only.</small>		Analog/video/s-video/DVI-D TV Tuner(NTSC/PAL&SECAM)	Analog/video/s-video/DVI-D
Video	Signal input	Analog RGB	Analog RGB
	Sync Type	Separate	Separate
Plug & Play		DDC 1/2B	DDC 1/2B
Power	AC	100~240V, 50/60Hz	100~240V, 50/60Hz
	DC	18V, 3.88A	18V, 3.88A
	Consumption	70W(MAX)	70W(MAX)
	Management	5W below	5W below
Speaker		3W×2 Stereo type Passive	3W×2 Stereo type Passive
On Screen Display (OSD)		VGA Adjustment	VGA Adjustment
		OSD	OSD
		Sound	Sound
		Color	Color
		PIP	PIP
		TV	-
Swivel		0°	0°
Box Size (W×L×H)		555×232×505mm	555×232×505mm
Weight (Without Box)		8.7Kg	8.5Kg
Remote Control		TV Model	-
Product Color		Silver, Black	Silver, Black

FCC Information

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

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

Note: This equipment has been tested and found to comply with the limits for CLASS B digital device, pursuant to Part 15 of FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the 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 turning the equipment off and on, the user is encouraged to try correct the interference by one or more of the following measures:

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

WARNING

Changes or modifications not expressly approved by the manufacturer could void the user's authority operate the equipment.