SAMSUNG

SyncMaster 800TFT

TFT-LCD Monitor
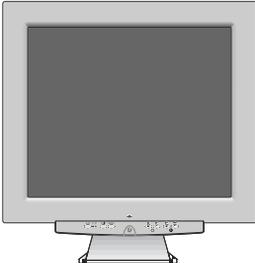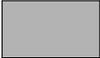
Owner's Instructions

⚠	**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.	

Unpacking your Monitor

Please make sure the following items are included with your monitor. If any items are missing, contact your dealer.

Colorific & Driver

Warranty Card
(Not available in all areas)

Manual

† Monitor and Stand

DC-Adapter

Power adapter Cable Holder

Power Cord

15-pin D-Sub Signal Cable

13W3 Signal Cable
(Optional)

† The stand type is subject to change based on monitor.

Contents

Safety Instructions

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 flat panel display monitor (FPD). Doing so may create the danger of electric shock.

3   To avoid electric shock, never touch the inside of the FPD. Only a qualified technician should open the FPD's case.

4   Never use your FPD 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 FPD from an electric socket.

6   Openings in the FPD cabinet are provided for ventilation. To prevent overheating, these openings should not be blocked or covered. Also, avoid using the FPD 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 FPD in a bookcase or some other enclosed space, be sure to provide adequate ventilation.

7   Put your FPD in a location with low humidity and a minimum of dust.

8   Do not expose the FPD to rain or use it near water (In kitchens, near swimming pools, etc.). If the FPD accidentally gets wet, unplug it and contact an authorized dealer immediately. You can clean the FPD with a damp cloth when necessary, but be sure to unplug the FPD first.

9   Place the FPD 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 FPD near an easily accessible AC outlet.

11   If your FPD 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 FPD in direct sunlight, and keep it away from heaters, stoves, fireplaces, and other sources of heat.

13   Unplug the FPD when it is going to be left unused for an extended period of time.

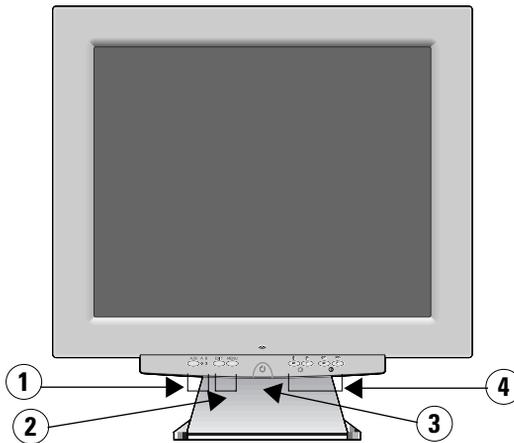**14**   Unplug your FPD from the AC outlet before any service.

Figure 1. Front panel

1 **Video input selector (A/B) and indicator lights**
Your Flat Panel Display (FPD) monitor allows you to connect both a workstation and a computer system to it at the same time. Use this button to select which system your FPD should display. Indicator "A" will glow green when a workstation is the active system and indicator "B" will glow green when an alternate computer system is active.

2 **Menu access controls**
Use these buttons to open the On-Screen Menu (OSM) system access the Auto Adjustment Direct-Access Control, select a menu, and to exit from the OSM.

3 **Power button and indicator light**
Use this button to turn the FPD on and off. The power indicator light glows green during normal operation.

4 **OSM adjustment controls and direct-access controls**
Use these buttons to access the Brightness and Contrast Direct-Access controls and to make adjustments to the various OSM features.
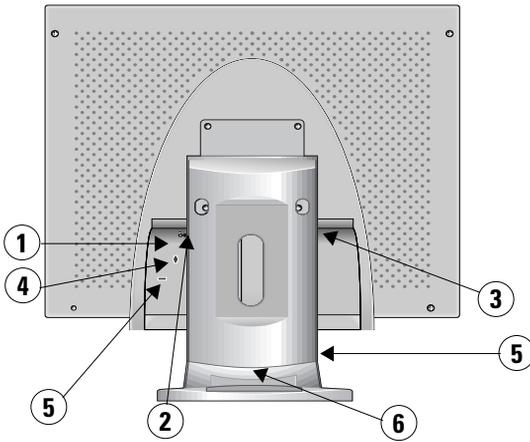
Figure 2. Back panel connectors

1 **Power adapter connector**
Connect the power adapter jack here.

2 **15-pin, mini D-sub signal cable connector**
Connect a computer system to this connector.

3 **13W3 signal cable connector**
Connect a 13W3 cable (Optional) from the video connector on your workstation to this connector.

4 **Power adapter cable holder slot**
The plastic cable holder fits into this slot to protect the power adapter jack from being inadvertently dislodged. To disconnect the power adapter, turn the plastic holder 1/4 turn to the left or right and pull the holder out of the cabinet.

5 **Kensington security slots**
This FPD offers you the opportunity to attach a Kensington-type security device in two different locations; on the panel cabinet or on the tower stand. Please note that the location on the panel cabinet is more secure than the one on the tower stand. Kensington lock not included. Refer to your locking device documentation for installation instructions.

6 **USB hub receptacle**
You may install a self-powered USB hub in this slot. Remove the cover to reveal the available space.
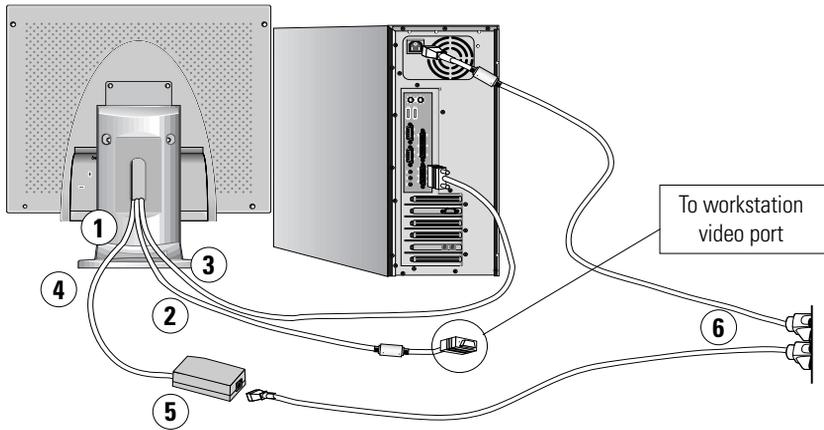
To workstation video port

Figure 3. Connecting your monitor to a PC

1 Turn off your system and unplug its power cord.

2 Place the FPD facedown on a cushion (being careful not to harm the screen) so that you can access the cable connectors along the bottom of the rear recess.

3 When connecting your FPD to a computer: Connect the supplied signal cable to the 15-pin mini D-sub connector ② on the back of your FPD. Connect the other end of the cable to the video port on the back of your computer.

When connecting your FPD to a workstation: Connect an optional signal cable to the 13W3 connector ③ on the back of your FPD. Connect the other end of the cable to the video port on the back of your workstation. An adapter may be required.

NOTE: One or both types of signal cables can be connected to the FPD, simultaneously.

4 Connect the power adapter jack to the power port ① on the back of the FPD. To prevent dislodging the jack, slide the power adapter cable into the cable holder. Insert the cable holder into the holder slot and turn it 1/4 turn. Connect the proper power cord for your locale to the AC inlet on the power adapter.

5 Place your FPD upright on your desk and plug the power cords from your system and your FPD into a nearby outlet.

6 Turn on your system and FPD. If your FPD displays an image, installation is complete.

7 Perform the auto adjustment procedure as described in "Auto Adjustment" on page 6

Getting Help

If your FPD does not display an image, check your cable connections and refer to
"Troubleshooting" on page 16. If you experience difficulties with the quality of the displayed
image, run auto adjustment again and refer to "Adjusting Your FPD" on page 8 or
"Troubleshooting" on page 16.

Plug and Play

Our adoption of the new VESA® Plug and Play solution eliminates complicated and time
consuming setup. It allows you to install your FPD without the usual hassles and confusion.
Your system can easily identify and configure itself for use with your display. This flat panel
display automatically tells the system its Extended Display Identification (EDID) data using
Display Data Channel (DDC) protocols so the system can automatically configure itself to use
the flat panel display.

Auto Adjustment

Even though your computer system can recognize your new flat panel display system, the
auto adjustment function will optimize the display settings for use with your computer. Use
Auto Adjustment whenever the FPD has become misaligned or whenever the displayed
image is unsatisfactory.

1 Turn on your computer and flat panel display.

2 Push the EXIT button to open the Auto Adjustment OSM.

3 Push the + button to activate the Auto Adjustment function. The screen will dim and
you may notice small changes to the screen image and "Auto Adjustment" will blink
on and off on the OSM. To abort the Auto Adjustment function, press the EXIT button
again.

4 When finished, the screen will stop changing. Press the EXIT button to leave the OSM
or allow the OSM to time-out and disappear automatically.

Maintenance of Your Flat Panel Display

WARNING: To avoid risk of electric shock, do not disassemble the FPD cabinet.
The unit is not user-serviceable. User maintenance is restricted to cleaning as explained
below:

- Unplug the FPD from the power outlet before cleaning.

- To clean your flat panel display screen, lightly dampen a soft, clean cloth with water or mild detergent. If possible, use a special screen cleaning tissue or solution suitable for the antistatic coating.
- To clean the monitor cabinet, use a cloth lightly dampened with a mild detergent.
- Never use flammable cleaning material to clean your flat panel display or any other electrical apparatus.

Self-Test Feature Check (STFC)

Your FPD provides a self test feature which allows you to check if your FPD is functioning properly. If your FPD and computer are properly connected but the FPD screen remains dark and the power indicator is lit, use the following steps to perform the FPD self test:

1 Turn off both your computer and the monitor.

2 Unplug the video cable from the computer or video card.

3 Turn on the monitor.

If the FPD is functioning properly, you will see a white box with a red border and black text inside stating:

> **No Connection**
> Check Signal Cable
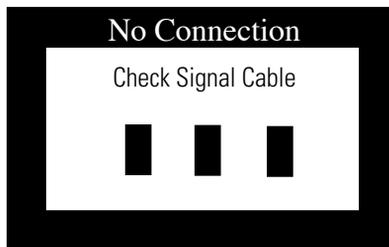
Figure 4. FPD self-test screen

The three boxes inside the border are red, green and blue. Failure of any of the boxes to appear indicates a problem with your FPD.
This box will also appear during normal operation of your system if the video cable becomes disconnected or damaged.

4 Turn off your FPD and reconnect the video cable; then turn on both your system and the monitor.

If your flat panel display screen remains black after using the above procedure, check your video controller and computer system; your FPD is functioning properly.

Adjusting Your FPD

Your flat panel display allows you to easily adjust the characteristics of the image being displayed. All of these adjustments are made using the control buttons on the front of the FPD. While you use these buttons to adjust the controls, an on-screen menu shows you their numeric values as they change.
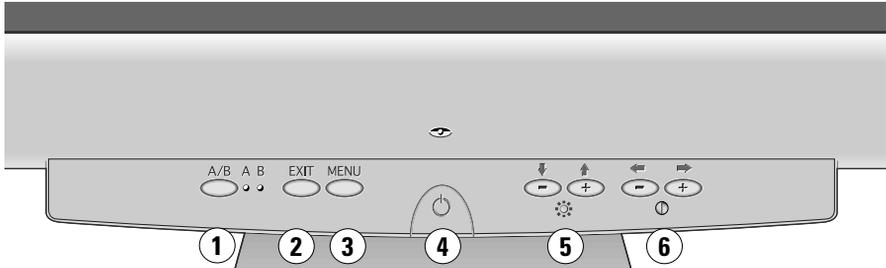

Figure 5. User controls

1   **Video Selector (A/B) button and indicators**
The Video Selector button allows you to select between two different computer systems which may be connected to your FPD. "A" is for use with a workstation, while "B" is for use with an alternate computer system. An indicator light glows green beneath the A and B letters indicating which system is active on the flat panel display screen.

2   **EXIT button**
The EXIT button opens the Auto Adjustment on-screen menu (OSM), exits from menus and sub-menus, and exits the OSM.

3   **MENU button**
This button opens the OSM system and activates the highlighted function.

4   **Power button and indicator**
Use this button to turn the FPD on and off. The power indicator light glows green during normal operation.

5   **The –/+ (↓/↑ and ☼) buttons**
When used with the OSM system, these buttons allow you to select sub-menu items and to move the selector between menu rows on the OSM. These buttons are also direct access buttons for the Brightness feature control. (See the section on Direct-Access Buttons.)

6   **The –/+ (←/→ and ◗) buttons**
These buttons allow you to move the selector between menus and to select items on the on-screen menu. When adjusting an item using the OSM, the " – " (←) button lowers the value of the selected function. The " + " (→) button raises the value of the selected function. These buttons are also direct access buttons for the Contrast feature control. (See the section on Direct-Access Buttons)

Automatic Save

Whenever you open the on-screen menu and allow an adjustment window to remain on-screen for about three seconds without pressing another button, this FPD automatically saves any adjustments you have made. These changes are saved into a user area in the FPD. User areas are reserved according to the signal frequency from your computer. This FPD can save adjustments for up to five user modes. It has ten factory preset or preload modes, one for each signal frequency as listed in the "Preset timing modes" on page 20.

If you have made no adjustments, the on-screen menu disappears and the FPD does not save anything.

Direct-Access Features

The features described on this page and the next page can be accessed quickly, at the touch of one button.

Once you finish making adjustments to a feature, push the EXIT button to turn off the menu or allow the OSM to time-out and disappear automatically.

Auto Adjustment

Auto Adjustment
No   **Yes**
−   **+**
EXIT: Exit key
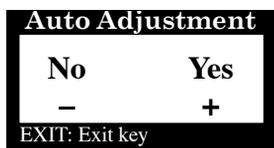
Follow these instructions to enable or disable the automatic screen adjustments for your FPD.

1 With the menu off, push the EXIT button. The automatic adjustment display will appear.

2 Follow the directions previously given on page 6.

Caution : For Auto Adjustment to function correctly, the monitor must display a full screen, colored image.

Brightness

Brightness
☼ ▮▮▮▮▯▯▯   44
−   **+**
EXIT: Exit key
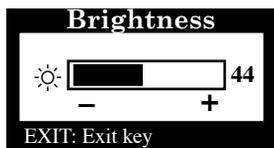
Follow these instructions to adjust the brightness of the FPD's display.

1 With the menu off, push the "−" (⬇) or "+" (⬆) button. The brightness display will appear.

2 Push the "+" (⬆) button to increase the brightness; push the "−" (⬇) button to decrease the brightness.

9

Contrast

```
        Contrast
  ◑ [▮▮▮▮▮      ] 16
        −        +
  EXIT: Exit key
```

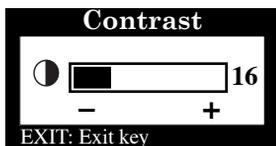Follow these instructions to adjust the contrast between darkness and lightness on the FPD's display

1 With the menu off, push the "−" (◀) or "+" (➡) button. The contrast display will appear.

2 Push the "+" (➡) button to increase the contrast; push the "−" (◀) button to decrease the contrast.

OSM Lock/Unlock

This function allows you to secure the current settings so that they cannot be inadvertently changed, while still allowing you to adjust the Brightness and Contrast. You can unlock the OSM controls at any time by using the same procedure.

1 Push and hold the MENU button for 5 seconds to Lock or Unlock the controls. When locked, a "LOCKED!" message will be displayed along the bottom of each OSM menu until you unlock the controls again.

Menu System
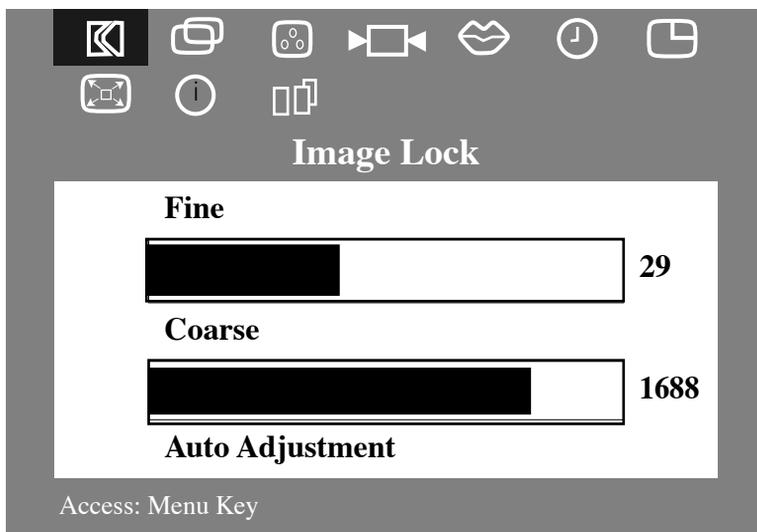
Figure 6. On-Screen Menu (OSM)

Accessing the Menu System

1 With the menu off, push the MENU button to open the menu system and display the main function menu.

2 Push the "+" (➡) button to move to the next icon or push the "−" (⬅) button to move back to the previous icon. As you move from one icon to another, the function name changes to reflect the function or group of functions represented by that icon. See the table below to view a complete list of all the functions offered by this FPD.

3 Push the MENU button once to select the adjustment function, then use the "−" (⬇) or "+"(⬆) and the "−" (⬅) or "+"(➡) buttons to make your changes.

4 Push the EXIT button once to return to the main menu to select another function or push the EXIT button 1 or 2 times to exit from the OSM.

Table 1. Menu Adjustments

Icon	Settings and Sub-menus	Description
⬚	**Image Lock:** • Fine • Coarse	The Fine and Coarse adjustments allow you to more closely adjust your FPD to your preference. Use the "−" (⬅) and "+" (➡) buttons to adjust away the interference. If satisfactory results are not obtained using the Fine adjustment, use the Coarse adjustment and then use Fine again. This function may change the width and centering of the display image. Use the Horizontal function on the Position menu to center the display image on the screen.
	• Auto Adjustment	Select this icon to adjust for and limit the amount of noise visible in the displayed image which can appear as horizontal lines or areas on the screen where the image is unstable and jitters or shimmers. Auto Adjustment allows the FPD to self-adjust to the incoming video signal. After using Auto Adjustment you can further tune your FPD to your liking using the Fine and Coarse adjustments. **Caution:** *Using Auto Adjustment will cause any stored user settings to be overwritten.*
⬚	**Position :** • Horizontal • Vertical	Select this icon to move the viewing area on the FPD screen. Use the "−" (⬅) and "+" (➡) buttons to move the viewing area to the left or right when Horizontal is selected and up and down when Vertical is selected.
⬚	**Color Control:** • R(ed) • G(reen) • B(lue)	Select this icon to adjust the color hue and saturation. The color hue is most noticeable in areas of white. Use the "−" (⬅) button to decrease the amount of the selected color. Use the "+" (➡) button to increase the amount of the selected color.

Table 1. Menu Adjustments (*Continued*)

Icon	Settings and Sub-menus	Description
▶⬜◀	**Reset:** • Geometry • Color	Select this icon to return to the factory preset values for the selected group of functions. Resetting the Geometry settings changes the Position settings, Image Lock settings and changes the Image Size to Expand 2. Resetting the Color settings changes the colors back to their original factory settings.
👄	**Language:** • English • Deutsch • Español • Français • Italiano • Svenska	Select one of the six languages to use for the OSM. The language chosen affects only the language of the OSM, but does not alter its function. Neither does it have any effect on any software running on the computer.
🕐	**Menu Display Time:** • 5 Seconds • 10 Seconds • 20 Seconds • 200 Seconds	The OSM stays active for as long as it is in use. The Menu Display Time sets the length of time the OSM will remain active after the last time you pushed a button. The default time is 10 seconds.
⊡	**Menu Position:** • Vertical • Horizontal	Select this icon to change the position of the OSM on the screen. The "–" (⬅) and "+" (➡) buttons move the OSM. Select the Horizontal function to move the OSM to the left or right; select the Vertical function to move the OSM up or down.
⬚	**Image Size:** • Normal • Expanded 1 • Expanded 2	If your computer or video board supplies a signal rate and addressability lower than 1280 x 1024, this FPD provides a scaling processor that can expand the addressability up to 1280 x 1024. Select the Normal setting to use the normal size viewing area for the current signal. Select Expanded 1 to expand the viewing area to the full width of the FPD screen. Select Expanded 2 to extend the viewing area both horizontally and vertically to the full size of the FPD screen.

Table 1. Menu Adjustments (*Continued*)

Icon	Settings and Sub-menus	Description
ⓘ	**Display Mode :**	Select this icon to view the current user mode. This screen only displays information; you cannot select a new setting.
⧉	**Image Effect:** • Scaling • Filtering	Select this icon to optimize the display for the type of software you are using. Scaling smooths an image which may help the eye to see more detail. Filtering sharpens text by adding a fine, contrasting line around each character so that it is easier to recognize.

PowerSaver

This FPD has a built-in power management system called PowerSaver. This system saves energy by switching your FPD into a low-power mode when it has not been used for a certain amount of time. The available modes are "On", "Standby", "Sleep Mode", and "Deep Sleep Mode"

Table 2. Power-saving modes

State	Normal Operation	Power-Saving Function mode (EPA/NUTEK)		
		Standby Mode	**Sleep Mode Position A1**	**Deep Sleep Mode Position A2**
Horizontal Sync Vertical Sync Video	Active Active Active	Inactive Active Blanked	Active Inactive Blanked	Inactive Inactive Blanked
Power Indicator	Green	Amber	Green/Amber Blinking (0.5 sec interval)	Amber Blinking (1 sec interval)
Power Consumption	60W (Max.) 56W (Nom.)	Less than 5W	Less than 5W	Less than 5W

NOTE: This FPD 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.

For energy conservation, turn your monitor OFF when it is not needed, or when leaving it unattended for long periods.

NOTE: Screen saver video patterns designed for use with CRT-based monitors are not recommended for use with your FPD since they may not extinguish the FPD's back light resulting in premature aging.

Troubleshooting

Before calling for service, check the information in this section to see if you can remedy any problems yourself

Table 3. Troubleshooting problems

Symptom	Corrective Actions
No Picture	• Check to see that both the FPD and the computer are plugged in and turned on.
"No Connection Check Signal Cable" appears	• Check the signal cable connection between the computer and the FPD • Use the flat panel display self test described on page 7.
"Video mode not supported"	• Check the maximum resolution and the frequency on the video port of your computer. • Compare these values with the data in the preset timing modes, page 20.
Picture is scrambled	• Check the signal cable connection between the computer and FPD. • Perform Auto Adjustment (see page 6).
Picture is not clear	• Adjust Fine and Coarse adjustments as needed (see page 12).
Picture is fuzzy	• Perform FPD reset. • Eliminate accessories (i.e., video extension cables).
Picture bounces or has wavy oscillations	• Check the signal cable connection between the computer and FPD
Picture appears to be ghosting	• Check the signal cable connection between the computer and FPD.
The image is too light or too dark	• Adjust the Brightness and Contrast settings.
Color is not uniform	• Adjust the color settings using the OSM COLOR menu.
The colors are distorted with dark or shadowed areas	• Adjust the color settings using the OSM COLOR menu.

Table 3. Troubleshooting problems (*Continued*)

Symptom	Corrective Actions
White does not look white	• Adjust the color settings using the OSM COLOR menu.
Screen image is not centered or sized properly	• Adjust the Horizontal and Vertical position settings using the OSM. • Check the image size selection (see page 13). • Run Auto Adjustment (see page 6).
The power indicator blinks amber once	• The flat panel display is saving your changes to the OSM.
The power indicator is blinking green / amber or is blinking amber only	• The FPD is using its power management system. Check the power management utility on your computer.
Cannot adjust FPD with the buttons on the front panel	• Please contact Samsung customer service.

Appendix

Specifications

Table 4. Specifications

LCD Panel	46 cm (18.1") Diagonal true active area 0.28 mm Pixel pitch Viewing Angle: 80/80/80/80 (U/D/L/R) (Degrees)
* Synchronization	Horizontal: 30 kHz to 81 kHz Vertical: 56 Hz to 85 Hz (~XGA) 60 Hz to 76 Hz (SXGA)
Display Colors	16.7 Million Colors
Maximum Resolution	Horizontal: 1280 Dots @ 81 kHz Vertical: 1024 Lines @ 76 Hz
Active Display	Horizontal: 359.0 ± 3 mm (14.13" ± 0.12") Vertical: 287.2 ± 3 mm (11.36" ± 0.12") (Active display size is dependent upon signal timing and image size selection)
Input Signal, Terminated	Analog video 0.7 Vpp positive at 75 Ω Separate sync, composite, and sync-on-green
Maximum Pixel Clock	135 MHz
Power Adapter	AC 90-264 Volt, 60 Hz/50 Hz ± 3 Hz
Power Consumption	60 W (Maximum), 56 W (Nominal)

Dimensions/Weight
(W x D x H)
	Unit: 449.4 x 461.2 x 182.0 mm; 9.35 kg
	          17.7 x 18.2 x 7.2 in; 20.61 lb
	Carton: 570 x 295 x 580 mm; 12.8 kg
	          22.4 x 11.6 x 22.8 in; 28.22 lb
	 (All measurements approximate.)

VESA Mounting Interface	100 mm x 100 mm (For use with Specialty (Arm) Mounting hardware.)

Environmental Considerations	Operating Temperature:50°F to 104°F (10°C to 40°C)
	          Humidity: 10% to 80%
	Storage Temperature: -68°F to 113°F (-20°C to 45°C)
	          Humidity: 5% to 95%

NOTE: *Design and specifications are subject to change without prior notice.*

* Referring to Standard signal modes, page 20.

Pin Assignments

Table 5. 15-Pin D-SUB connector

Pin No.	15-Pin Side of the Signal Cable	Composite H/V
1	Red	Red
2	Green	Green
3	Blue	Blue
4	GND	GND
5	GND (DDC Return)	GND (DDC Return)
6	GND-R	GND-R
7	GND-G	GND-G
8	GND-B	GND-B
9	NC	NC
10	GND-Sync/Self test	GND-Sync/Self test
11	GND	GND
12	DDC Data	DDC Data
13	H-Sync	H-Sync
14	V-Sync	V-Sync
15	DDC Clock	DDC Clock

Table 6. 13W3 Connector

| Pin No.	13W3 Side of the Signal Cable	Composite H/V
A1	Red video signal	Red video signal
A2	Green video signal	Green video signal
A3	Blue video signal	Blue video signal
1	SCL	SCL
2	NC	NC
3	S2	S2
4	S gnd	S gnd
5	H Sync	Composite Sync
6	SDA	SDA
7	V-Sync	V-Sync
8	S1	S1
9	S0	S0
10	Sync. Return	Sync.17 Return

Appendix

Display Modes

If the signal from the system equals to the standard signal mode, the screen is adjusted automatically. If the signal from the system doesn't equal to the standard signal mode, adjust the mode with referring to the Videocard user guide because the screen might not display or only the power LED might be on. For the display modes listed below, the screen image has been optimized during manufacture.

Table 7. Preset timing modes

| Display Mode	Horizontal Frequency (kHz)	Vertical Frequency (Hz)	Pixel Clock (MHz)	Sync Polarity (H/V)
720 x 400	31.469	70.087	28.322	−/+
640 x 480	31.469	59.940	25.175	−/−
640 x 480	37.500	75.000	31.500	−/−
640 x 480	43.269	85.008	36.000	−/−
800 x 600	46.875	75.000	49.500	+/+
800 x 600	53.674	85.061	56.250	+/+
1024 x 768	48.363	60.004	65.000	−/−
1024 x 768	60.023	75.029	78.750	+/+
1024 x 768	68.677	84.997	94.500	+/+
1280 x 1024	79.976	75.025	135.000	+/+

Changing the Stand

Removing the Stand
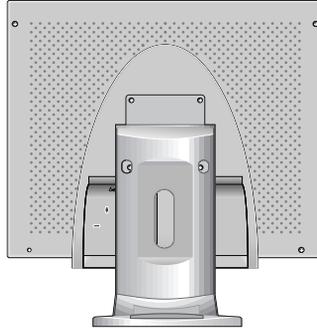
1   Turn off your monitor and unplug its power cord.

2   Lay the LCD monitor face-down on a flat surface with a cushion beneath it to protect the screen.

3   Remove the four screws, securing the stand and remove it.

Attaching an Arm-Type Stand or Wall Mount Hanger

NOTE: This monitor accepts a 100mm x 100mm VESA-compliant mounting interface pad.

Rear cover

Mounting
Interface Pad
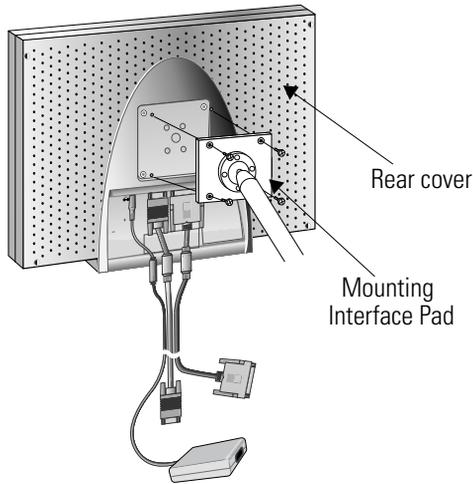
1   Align the Mounting Interface Pad with the holes in the Rear Cover and secure it with the four screws that came with the Arm-type Stand or Wall Mount Hanger.

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Regulatory Information

FCC Information

User Instructions

The Federal Communications Commission Radio Frequency Interference Statement includes the following warning:

Note: This equipment has been tested and found to comply with the limits for 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 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 on 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 modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

If necessary, consult your dealer or an experienced radio/television technician for additional suggestions. You may find the booklet called How to Identify and Resolve Radio/TV Interference Problems helpful. This booklet was prepared by the Federal Communications Commission. It is available from the U.S. Government Printing Office, Washington, DC 20402, Stock Number 004-000-00345-4.

Warning

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

Declaration of conformity for products Marked with FCC Logo

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 interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

The party responsible for product compliance:
SAMSUNG ELECTRONICS CO., LTD
America QA Lab of Samsung
85 West Tasman Drive
San Jose, CA 95134 USA
Tel) 408-544-5124
Fax) 408-544-5191

Provided with this monitor is a detachable power supply cord with IEC320 style terminations. It may be suitable for connection to any UL Listed personal computer with 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 ampere 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 cord 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 6-15P type (tandem blades) plug cap.

IC Compliance Notice

This Class B digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations of ICES-003.

Cet appareil Numérique de classe B respecte toutes les exigences du Règlemont ICES-003 sur les équipements produisant des interférences au Canada.

MPR II Compliance

This monitor complies with SWEDAC(MPR II) recommendations for reduced electric and magnetic fields.

European Notice

Products with the CE Marking comply with both the EMC Directive (89/336/EEC), (92/31/EEC), (93/68/EEC) and the Low Voltage Directive (73/23/EEC) issued by the Commission of the European Community. Compliance with these directives implies conformity to the following European Norms:

■ EN55022 (CISPR 22) – Radio Frequency Interference
■ EN50082-1 : 1992 – Electromagnetic Immunity
■ EN60555-2 (IEC555-2) – Power Line Harmonics
■ EN60555-3 (IEC555-3) – Voltage Fluctuations
■ EN60950 (IEC950) – Product Safety.

U.S.A. :
Samsung Electronics America (SEA)
One Samsung Place
Ledgewood, NJ 07852
Tel. : 1-800-SAMSUNG (1-800-726-7864)

CANADA :
Samsung Electronics Canada Inc.
7037 Financial Drive
Mississauga, Ontario L5N 6R3
Tel. : 1-800-SAMSUNG (1-800-726-7864)
Fax. (905) 542-1199

GERMANY :
Samsung Electronics GmbH Samsung-Haus
Am Kronberger Hang 6/65824 Schwalbach/Ts.
Tel. : 06196-66-1134
Fax. : 06196-66-1133

AUSTRALIA :
Samsung Electronics Australia Pty Ltd.
Unit G, 10-16 South Street,
Rydalmere, N.S.W. 2116
P.O. BOX 368
Tel. : (02) 638-5200

ITALIA :
Samsung Electronics Italia SpA
Via C. Donat Cattin,
5-20063 Cernusco sul Naviglio (Mi)
Tel. : 167-010740

PANAMA :
Servicios Samsung (Zona Libre), S.A.
50 and 61 Streets Sta, Cecilia
Bdl. Don Camilo, Panama City
Tel. : (507) 264-0195 or 269-5571
Fax : (507) 269-5568

MEXICO
Samsung Electronics Mexico S.A. de C.V.
Saturno 44 Col. Nva. Industrial Vallejo
Del. Gustavo A. Madero C.P. 07700
Mexico D.F.   Tel. 5747-5100
RFC: SEM950215S98

ESPAÑA :
Samsung Electrónics Comercial Ibérica, S.A.
Ciencies, 55-65 (Polígono Pedrosa) 08908
Hospitalet de Llobregat (Barcelona)
Tel. : (93) 261 67 00
Fax. : (93) 261 67 50

UK :
Samsung Electronics (UK) Ltd.
Samsung House, 225 Hook Rise South
Surbiton, Surrey KT6 7LD
Tel. : (0181) 391 0168
Fax. : (0181) 397 9949
<European Service Center & National Service>
Stafford Park 12 Telford, Shropshire, TF3 3BJ
Tel. : (01952) 292 262
Fax. : (01952) 292 033

THAILAND :
Samsung Service Center
729-729/1 JSP Tower Rachadapisek RD.,
Bangpongpang, Yannawa, Bangkok 10120
Tel : (662) 2954508-14
Fax : (662) 2954267

SOUTH AFRICA :
Samsung Electronics South Africa
Somerset Office Park 5 Libertas Road
Bryanston, South Africa
Tel : (27)-11-463-5678
Fax : (27)-11-463-5215

BRASIL :
Samsung Eletrônica da Amazonia Ltda.
R. Prof. Manoelito de Ornellas, 303-2º Andar
Chácara Sto. Antônio • cep : 04719-040
São Paulo • SP
Tel. : (011) 541-8500
Fax : (011) 523-3995, 522-0726

SWEDEN:
Samsung Electronics Svenska, AB
Box 713, S-194 27 Upplands Vasby
Tel.: (468) 590-966-00
Fax : (468) 590-966-50

IMPORTADO POR:SAMSUNG ELECTRONICS MEXICO S.A. DE C.V.
              SATURNO 44 COL. NVA. INDUSTRIAL VALLEJO
              DEL. GUSTAVO A. MADERO C.P. 07700
              MEXICO D.F.   TEL. 5747-5100
              RFC: SEM950215S98
EXPORTADO POR: SAMSUNG ELECTRONICS CO.,LTD.
              JOONG-ANG DAILY NEWS BLDG.
              7 SOON-WHA-DONG CHUNG-KU,
              C.P.O BOX 2775, 1144 SEOUL, KOREA