Exhibit 5

# INSTALLATION AND OPERATING INSTRUCTION

# Federal Communications Commission (FCC Statement)

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 reception, 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.

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

Use only RF shielded cable that was supplied with the monitor when connecting this monitor to a computer device.

**Warning:**
WHEN POSITIONING THIS EQUIPMENT ENSURE THAT THE MAINS PLUG AND SOCKET IS EASILY ACCESSIBLE.
To prevent damage which may result in fire or shock hazard, do not expose this appliance to rain or excessive moisture.

THIS CLASS B DIGITAL APPARATUS MEETS ALL REQUIREMENTS OF THE CANADIAN INTERFERENCE-CAUSING EQUIPMENT REGULATIONS.

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# Introduction

The PHILIPS 107S color monitor displays sharp and brilliant images of text and graphics with a maximum resolution up to 1280x1024 pixels. It is optimal for Windows, CAD / CAM / CAE, desktop publishing, spread sheets, multi-media, and any other application which demands large screen size and high resolutions.

This monitor automatically scans horizontal frequencies from 30KHz to 70KHz, and vertical frequencies from 50Hz to 120Hz. With microprocessor based digital controlled circuit, the monitor can automatically adjust itself to the video card's scanning frequency and displays an image with precise parameters you desire. The wide range of scanning frequency supports variety of operating platforms, such as IBM PC and compatibles, Apple's Macintosh, Quadra and Centris families, Power PC and workstations.

# Feature Highlights

- **On-Screen-Display** function provides more informations when the user operates the control functions. This feature provides user-friendliness and ease-of-use when operating the monitor.
- **Anti-Glare** and **Anti-Static** screen coating eliminate any bad effects caused by the screen surface such as reflection of the room lights and dust attraction.
- With **Color Adjustment** function you can easily choose different preset color temperatures or set your own customized color parameters.
- **Image Tilt Adjustment** function provides correction of rotated image. This correction can minimize the distortions caused by outside environments, such as earth magnetic field.
- **Green Design** including automatic power saving function (NUTEK) and low emission TCO'99 (MPRII for 172622E) compliance shows our commitment in environmental care.
- **DDC1/DDC2B** allows communication between the monitor and PC system for optimal video configuration.

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Note: If you experienced your monitor display is changing from color to mono, it's possible that you are using a non-VESA-DDC-standard video card. Please consult with your local Philips dealer for more information.

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As an ENERGY STAR® Partner, PHILIPS has determined that this product meets the ENERGY STAR® guidelines for energy efficiency.

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Apple, Macintosh, Quadra and Centris are registered trademarks of Apple Computer, Inc.

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## Safety precautions and maintenance

- Disconnect the monitor from the mains supply if the monitor is not to be used for an extended period of time.
- Do not attempt to remove the back cover, as you will be exposed to a shock hazard. The back cover should only be removed by qualified service personnel.
- Do not place objects on top of the monitor cabinet, which could fall into vents or which could cover them and prevent proper cooling of
- the monitor's electronic devices.

  Do not expose the monitor to rain or excessive moisture to avoid the risk of shock or permanent damage to the set.
- Do not use alcohol or ammonia based liquid to clean the monitor. If necessary, clean with a slightly damp cloth. Disconnect the monitor from the mains supply before cleaning.
- Consult a service technician if the monitor does not operate normally when operating instructions of this manual are followed.

## Package

Your PHILIPS 107S package includes the following items:

- The monitor (integrated with tilt / swivel pedestal)
- Power cord
- Interface cable (flying-in)
- Disk for Windows 95 driver

## End of life disposal

Your new set contains materials which can be recycled and reused. Specialized companies can recycle your product to increase the amount of reusable materials and to minimize the amount of materials to be disposed of.

Please inform yourself on local regulations on disposal of your old set.

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# Installation

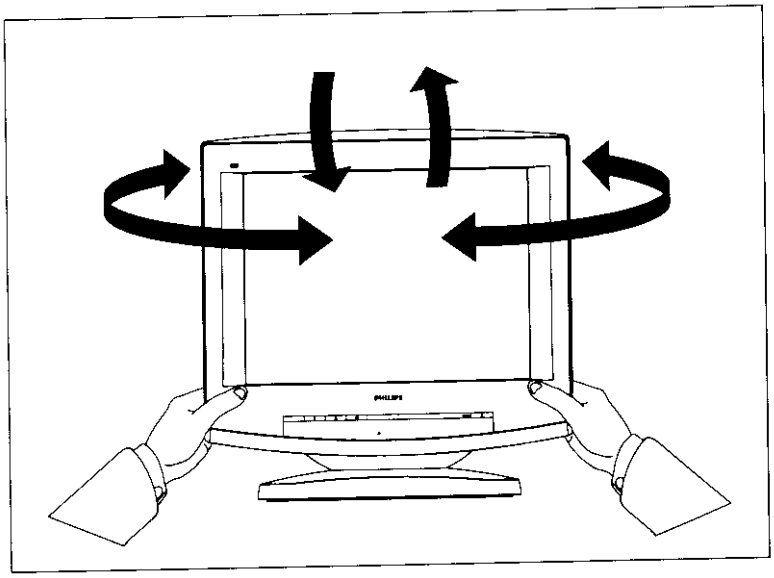
**Important: Please refer to the user's manuals of your computer and video adapter to make sure these equipments are properly installed and configured before installing the monitor.**

## Positioning / Ventilation

- Avoid exposing the monitor to direct sunlight, stoves or any other heat sources.
- To prevent overheating, make sure that the ventilation openings of the monitor are not covered.
- Keep moistw≤e and dust away.
- ãeep away from any magnetic objects, such as speakers, electric motors, transformers, ...etc.
- When positioning this monitor, make sure that the mains plug and socket are easily accessible.

## Pedestal

With the built-in pedestal you can tilt and / or swivel the monitor for a most comfortable viewing angle.



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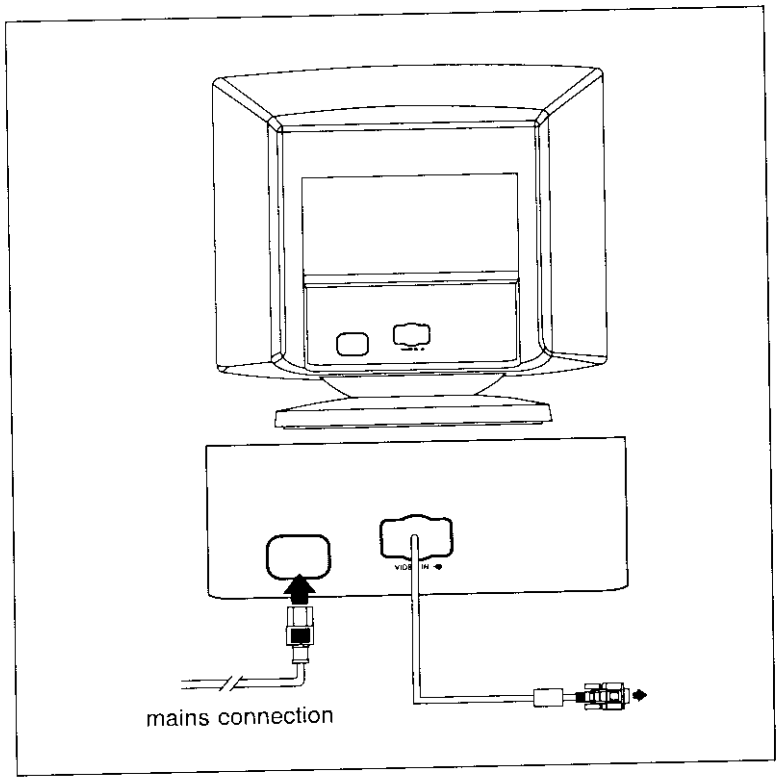
# Connection

**Important: Please make sure the AC power to your computer is "OFF" before connecting or disconnecting any display peripheral. Failure to do so may cause serious personal injury as well as permanent damage to your computer equipments.**

- Connect the monitor to the computer using the supplied interface cables. Connection with computer system other than IBM PC may need different type of adapters. Please consult your computer supplier for these adapters. Connect the power cord to a wall outlet after the interface cable is properly connected.

Monitor rear view



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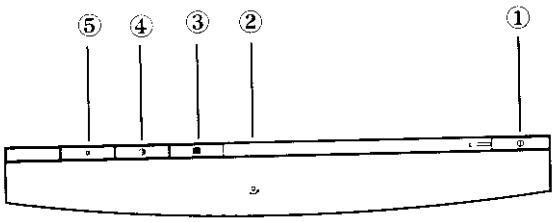
# Control locations and functions




**Descriptions of knobs and keypads on front control panel**

① ⏻ • To turn on or off the power.

② • To scroll the OSD function and adjust the scale of the selected function.

③ ▣ • To access OSD menu.

④ ◑ • Adjust contrast of the display.

⑤ ☼ • Adjust brightness of the display.

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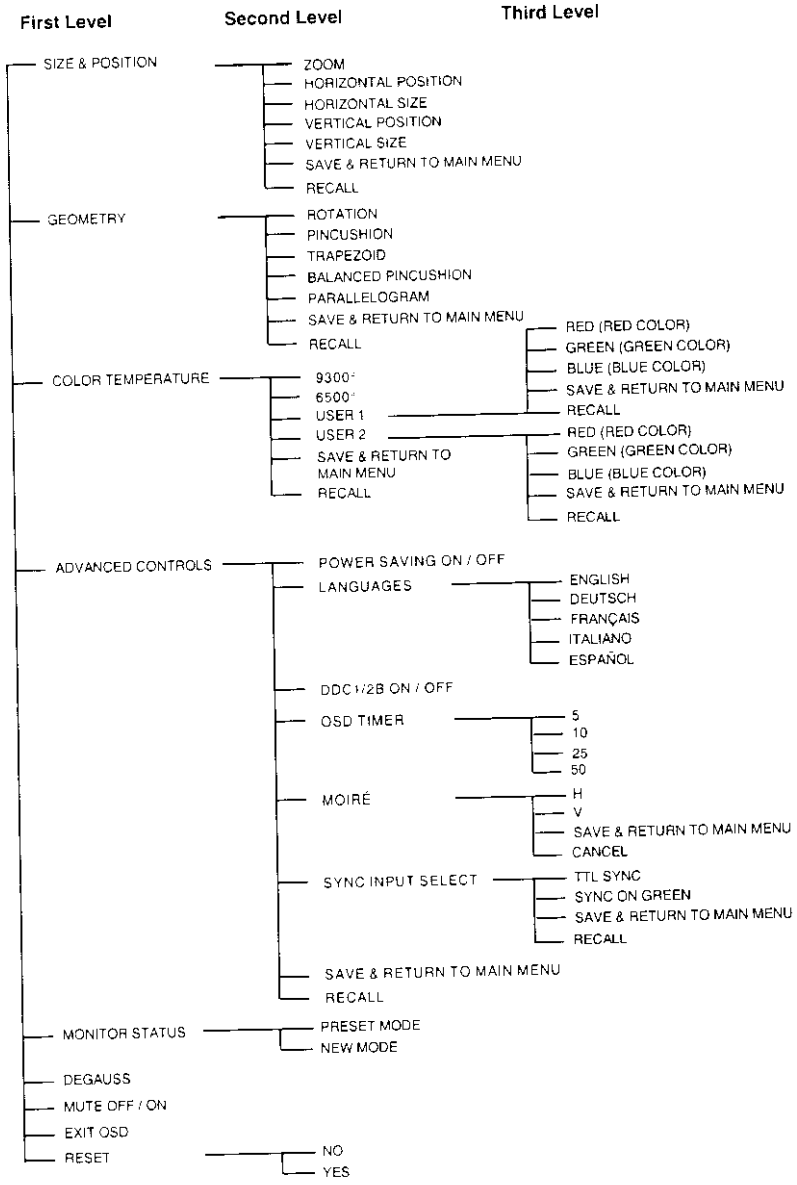
# OSD menu tree structure



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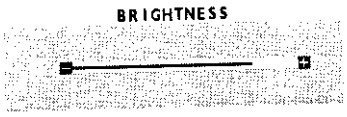
## Adjustment via On-Screen-Display

### Brightness / Contrast

**adjustment of brightness, contrast**




- Press ☼ , then use OSD rotary encoder to adjust.
- The adjusted parameters are automatically saved and the OSD menu will disappear within 5 seconds if there is not any adjustment/action has been made.


- Press ◑ , then use OSD rotary encoder to adjust.
- The adjusted parameters are automatically saved and the OSD menu will disappear within 5 seconds if there is not any adjustment/action has been made.

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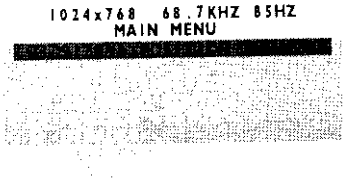
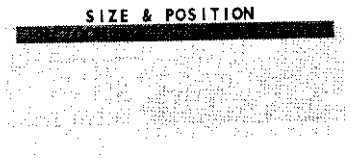
## SIZE & POSITION

**Adjustments of zoom, horizontal position, horizontal size, vertical position, vertical size:**

main menu




2nd level menu




- Press ▣, to access OSD menu.
- Use OSD rotary encoder to move the bar to "SIZE & POSITION".
- Press ▣ to access the 2nd lelel menu. Use OSD rotary encoder to select the function you want to adjust.
- Press ▣, then use OSD rotary encoder to adjust.
- Press ▣, return to 2nd level menu.
- The adjusted parameters are automatically saved and the OSD menu will disappear within the time you selected on OSD TIMER (e.g.10 seconds) if there is not any adjustment/action has been made.
- Press ▣, return to the OSD main menu.

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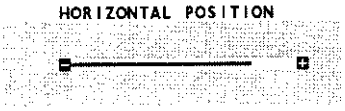
**SIZE & POSITION 3rd level menu**

ZOOM

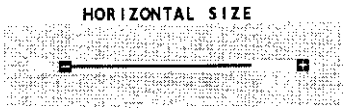



HORIZONTAL POSITION



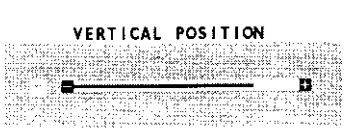



HORIZONTAL SIZE



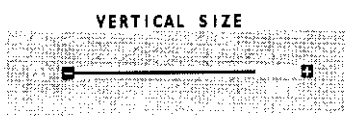



VERTICAL POSITION






VERTICAL SIZE





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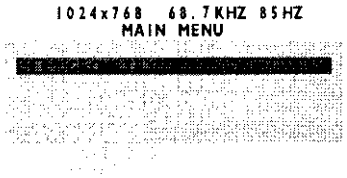
## GEOMETRY

**adjustments of rotation, pincushion, trapezoid, balanced pincushion, parallelogram:**

main menu

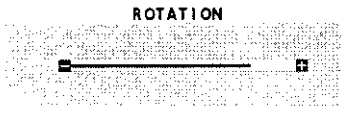



2nd level menu


- Press ▣, to access OSD menu.
- Use OSD rotary encoder to move the bar to "GEOMETRY".
- Press ▣ to access the 2nd level menu. Use OSD rotary encoder to select the function you want to adjust.
- Press ▣, then use OSD rotary encoder to adjust.
- Press ▣, return to 2nd level menu.
- The adjusted parameters are automatically saved and the OSD menu will disappear within the time you selected on OSD TIMER (e.g. 10 seconds) if there is not any adjustment/action has been made.
- Press ▣, return to the OSD main menu.

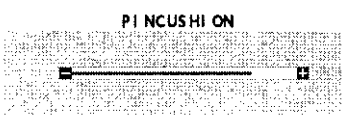
**GEOMETRY 3rd level menu**

(1) ROTATION






(2) PINCUSHION





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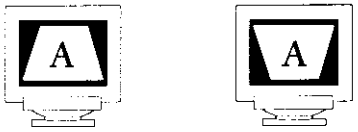
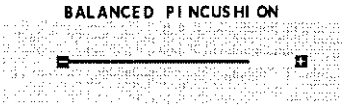
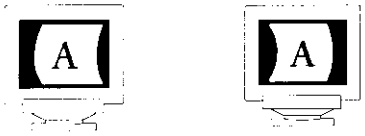
(3) TRAPEZOID

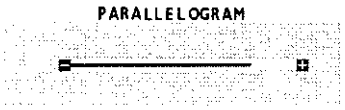



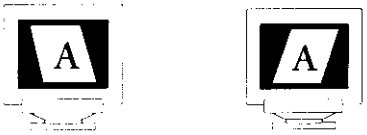

(4) BALANCED PINCUSHION



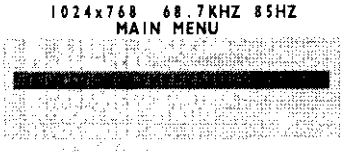

(5) PARALLELOGRAM



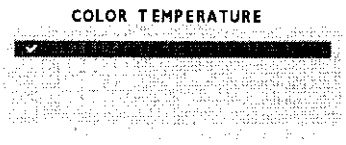

## COLOR TEMPERATURE

main menu




- Press ▣, to access OSD menu.
- Use OSD rotary encoder to move the bar to "COLOR TEMPERATURE".
- Press ▣ to access the 2nd level menu. Use OSD rotary encoder to select the function you want to adjust.
- Press ▣ , the screen will show the color you selected (9300°K or 6500°K). Or use OSD rotary encoder to adjust your own.

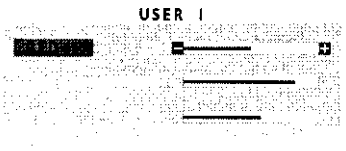
2nd level menu




- The adjusted parameters are automatically saved and the OSD menu will disappear within 10 seconds if there is not any adjustment/action has been made.
- Press ▣, return to the OSD main menu.

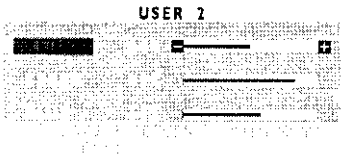
**COLOR TEMPERATURE 3rd level menu**

(1) USER 1




- Use OSD rotary encoder to the function you need, then press and use OSD rotary encoder to adjust it.
- Press ▣ and use OSD rotary encoder to choose "SAVE & RETURN TO MAIN MENU" or "RECALL".

(2) USER 2




- Use OSD rotary encoder to the function you need, then press and use OSD rotary encoder to adjust it.
- Press ▣ and use OSD rotary encoder to choose "SAVE & RETURN TO MAIN MENU" or "RECALL".

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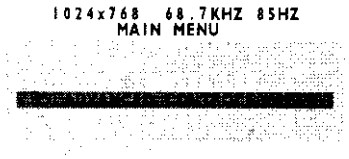
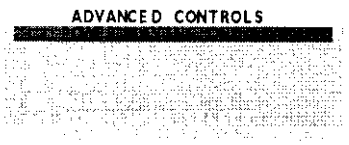
## ADVANCED CONTROLS

main menu




2nd level menu

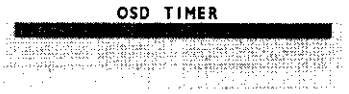



- Press ▣, to access OSD menu.
- Use OSD rotary encoder to move the bar to "ADVANCED CONTROLS".
- Press ▣ to access the 2nd level menu. Use OSD rotary encoder to select the function you want to adjust.
- Press ▣, use OSD rotary encoder to adjust.
- Press ▣, return to 2nd level menu.
- The adjusted parameters are automatically saved and the OSD menu will disappear within the time you selected on OSD TIMER (e.g. 10 seconds) if there is not any adjustment/action has been made.
- Press ▣, return to the OSD main menu.

**ADVANCED CONTROLS 3rd level menu**

(1) LANGUAGE

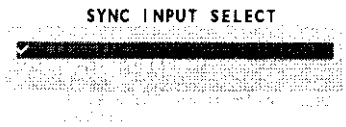

(2) OSD TIMER

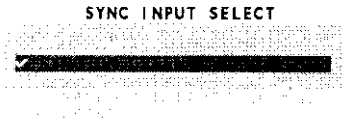


(3) MOIRE


- Use OSD rotary encoder to choose "H" or "V".
- Press ▣ then use OSD rotary encoder to adjust.
- Press ▣ and use OSD rotary encoder to choose "SAVE & RETURN TO MAIN MENU" or "RECALL".

(4) SYNC INPUT SELECT

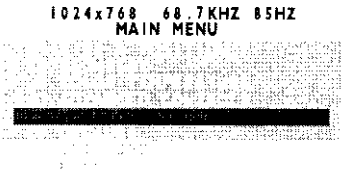




## MONITOR STATUS

main menu




- Press ▣ to access OSD main menu.
- Use OSD rotary encoder to move the bar to "MONITOR STATUS".
- Press ▣ to access the 2nd level menu.

2nd level menu


2nd level menu

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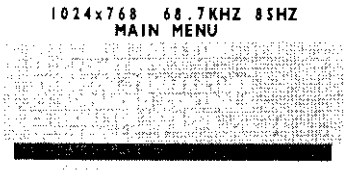
## DEGAUSS

main menu

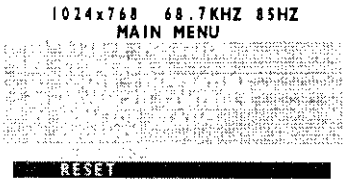

## EXIT OSD

main menu

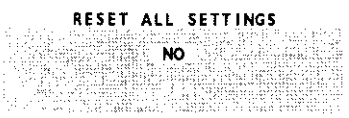



## RESET

main menu




2nd level menu




- Press ▣ to access main menu.
- Use OSD rotary encoder to move the bar to "RESET".
- Press ▣ to access the 2nd level menu. At this moment, it shows preset parameters status on the screen and you can select "NO" to go back to the previous setting or "YES" to reset all settings.
- If there is no action made, then OSD menu will disappear within the time you selected on OSD TIMER (e.g. 10 seconds) and the parameters will return to the previous setting.

How if you get lost in OSD tree stucture?

You can press ▣ to go back to OSD main menu and select "RESET" in main menu to reset all settings.

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# Data Storage

**(A) Factory preset mode:**

This monitor has 8 factory-preset modes as indicated in the following table:

| | Mode | Resolution | Frequence | | Sync polarity | |
|---|---|---|---|---|---|---|
| | | | H(KHz) | V(Hz) | H | V |
| M01 | VGA | 600x400 | 31.5 | 70 | – | + |
| M02 | VGA | 640x480 | 31.5 | 60 | – | – |
| M03 | VGA | 640x480 | 43.3 | 85 | – | – |
| M04 | SVGA | 800x600 | 46.9 | 75 | + | + |
| M05 | SVGA | 800x600 | 53.7 | 85 | + | + |
| M06 | EVGA | 1024x768 | 60.0 | 75 | + | + |
| M07 | EVGA | 1024x768 | 68.7 | 85 | + | + |
| M08 | | 1280x1024 | 64.0 | 60 | + | + |

**(B) User mode**

In addition to factory preset modes, the monitor can also provides additional 8 User-defined modes.

If the input video signal is different from our factory-preset modes,the new timing data will be automatically stored. However, the displayed parameters may need to be adjusted. User can adjust the parameters via OSD, as preceding procedures which already described on "Adjustment via On-Screen-Display" section.

**(C) New mode**

The monitor is reversed for 4 new modes in case non-standard video modes are used.

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# Automatic Power Saving

If you have VESA's DPMS compliance display card or software installed in your PC, the monitor can automatically reduce its power consumption when not in use. And if an input from keyboard, mouse or other input devices is detected, the monitor will automatically "wake up". The following table shows the power consumption and signalling of this automatic power saving feature:

| Power Management Definition | | | | | | |
|---|---|---|---|---|---|---|
| VESA's mode | Video | H-sync | V-sync | Power used | Power saving(%) | LED color |
| ON | Active | Yes | Yes | < 110W | 0% | Green |
| Stand-by | Blanked | No | Yes | < 15W | 86% | Yellow |
| Suspend | Blanked | Yes | No | < 15W | 86% | Yellow |
| OFF | Blanked | No | No | < 5W | 95% | Amber |

This monitor is ENERGY STAR® compliant.

As an ENERGY STAR® Partner, PHILIPS has determined that this product meets the ENERGY STAR® guidelines for energy efficiency.

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# Specification*

## (I) General

| | | |
|---|---|---|
| CRT | | |
| Screen size | : | 17" (43.2 cm) flat & square |
| Focusing method | : | Dynamic focus |
| Dot pitch | : | 0.28 mm |
| Phosphor | : | P22 or equivalent, medium short persistence |
| Screen treatment | : | Anti-glare, anti-static |
| Display area | | |
| Factory preset | : | 306 mm (H) x 230 mm (V) |
| Maximum usable | : | 323 mm (H) x 242 mm (V) |
| Scanning frequency | | |
| Horizontal (line) | : | 30-70 kHz (AutoScan) |
| Vertical (frame) | : | 50-120 Hz (AutoScan) |
| Input power | : | 220-240 VAC, 50 Hz |
| Power consumption | : | 110 Watt maximum |
| Input signal | | |
| Sync | : | . Separate sync. TTL level<br>. Composite sync. TTL level<br>. Sync. on green video |
| Pedestal | | |
| Tilt | : | 5° forward, 13° backward |
| Swivel | : | 90° leftward, 90° rightward |
| Physical | | |
| Unit dimension (WxHxD) | : | 420 x 424 x 452 (mm) |
| Net weight | : | 17.5 kg |
| Operating condition | | |
| Temperature | : | 0° C - 40° C |
| Humidity | : | 10% - 90% |
| Storage condition | | |
| Temperature | : | -25° C - 65° C |
| Humidity | : | 5% - 95% |

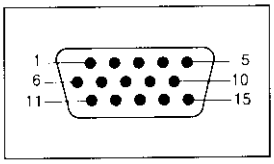
White Color Coordinates:

| | |
|---|---|
| 9300°k: x= 0.281 | 6500°k: x= 0.313 |
| y= 0.311 | y= 0.329 |

* Because of a policy of continuous product improvement, the above specifications are subjected to change without notice.

EN

**(II) Pin assignment:**




The 15-pin D-sub connector (male) of the signal cable (IBM systems):

| Pin No. | Assignment | Pin No. | Assignment |
|---|---|---|---|
| 1 | Red video input | 9 | No pin |
| 2 | Green video input | 10 | Logic ground |
| 3 | Blue video input | 11 | Identical output<br>- connected to pin 10 |
| 4 | Identical output<br>- Connected to pin 10 | 12 | Serial data line (SDA) |
| 5 | Self test | 13 | H. Sync / H+V |
| 6 | Red video ground | 14 | V. Sync (VCLK for DDC) |
| 7 | Green video ground | 15 | Data clock line (SCL) |
| 8 | Blue video ground | | |