

Exhibit 5

**INSTALLATION AND OPERATING
INSTRUCTION**

105B

electronic
USER'S
MANUAL



Federal Communications Commission (FCC) Notice (U.S. Only)



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.



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.



WHEN POSITIONING THIS EQUIPMENT ENSURE THAT THE POWER PLUG AND SOCKET ARE EASILY ACCESSIBLE.

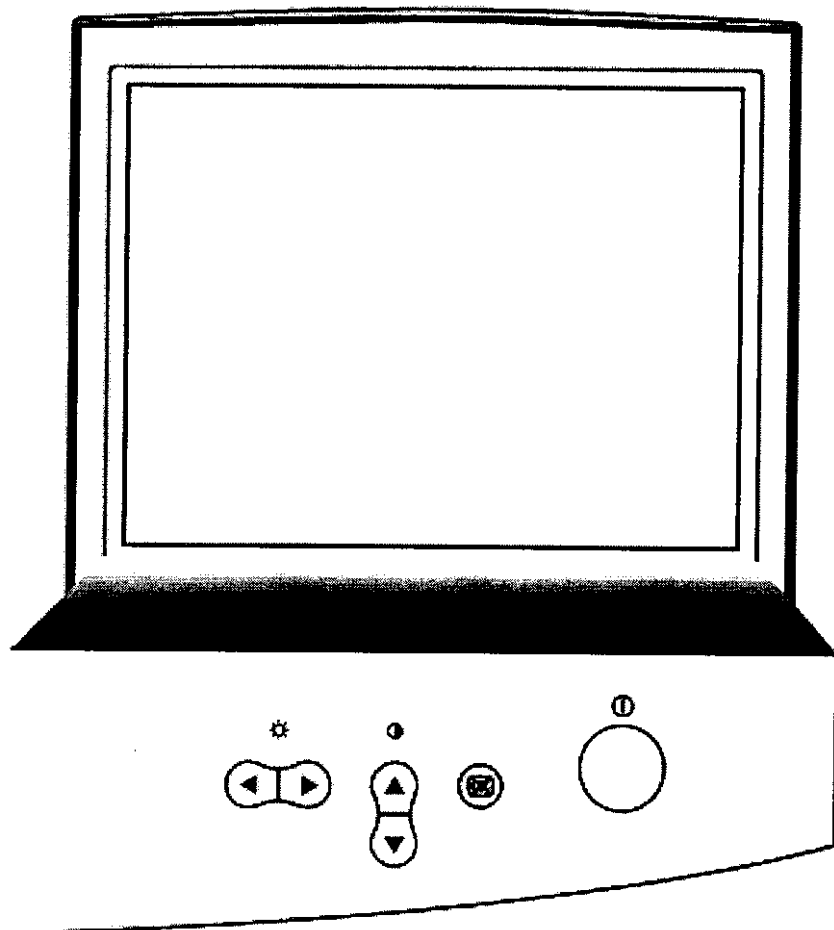
To prevent damage which may result in fire or shock hazard, do not expose this appliance to rain or excessive moisture.

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

Installing your Monitor

[Front View](#) [Rear View](#) [6B3G10 Multimedia Base \(option\)](#) [PCUH411 USB Hub \(option\)](#)

Front View



Power button switches your monitor on.



OK button which when pressed will take you to the OSD controls



Contrast hotkey. When the UP arrow is pressed, the adjustment controls for the CONTRAST will show up.



UP and DOWN buttons are used when adjusting the OSD of your monitor

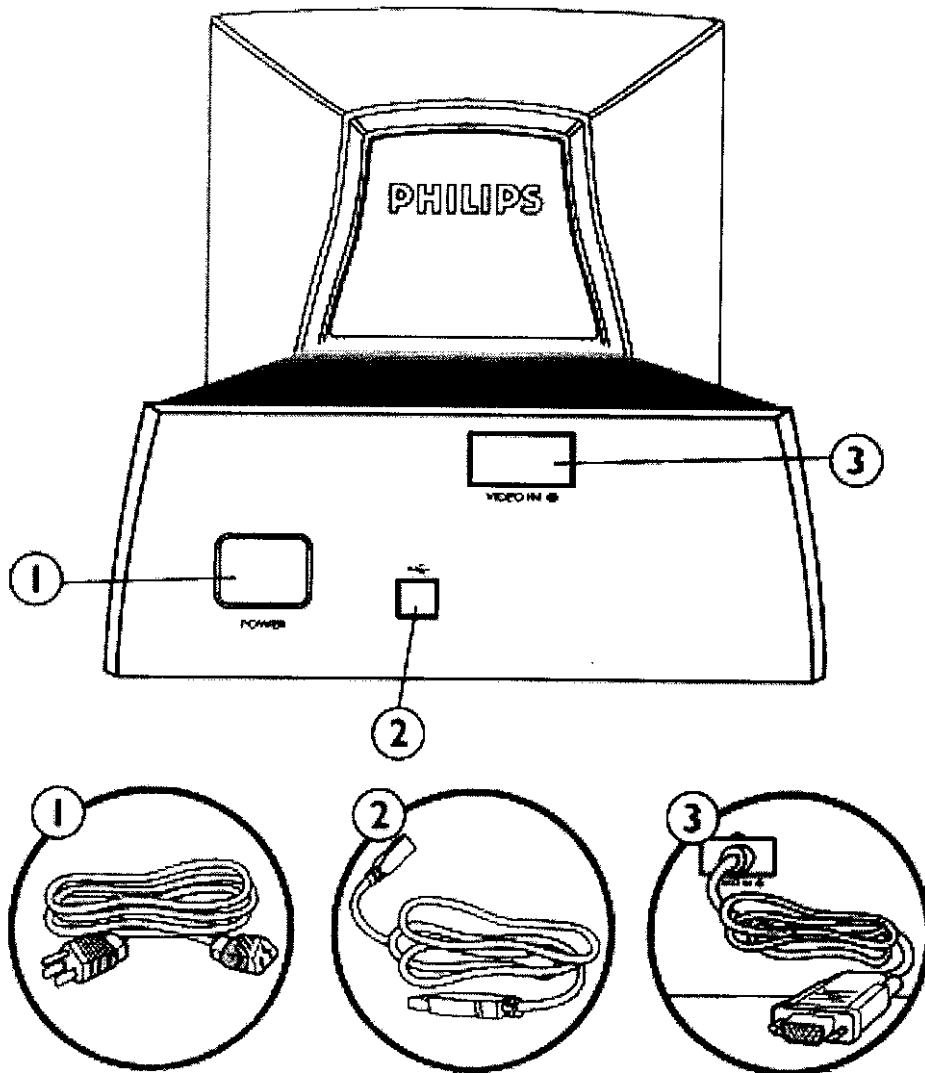


Brightness hotkey. When both the LEFT and RIGHT arrows are pressed at the same time, then the adjustment controls for BRIGHTNESS will show up.



LEFT and RIGHT buttons, like the UP and DOWN buttons, are also used in adjusting the OSD of your monitor.

Rear View



1. Power in - attach power cable here.
2. USB Port - attach your USB Upstream cable here. *(Not available on all models.)*
3. Video In - this is a cable which is already attached to your monitor. Connect the other end of the cable to your PC.

6B3G10 Multimedia Base (option)

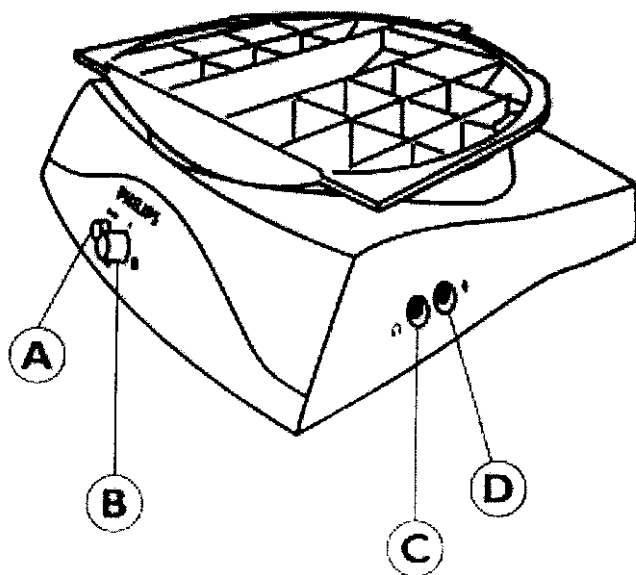
[Front View](#) [Rear View](#) [Technical Specifications](#) [Description of the Controls](#) [Installing your Multimedia Base](#)

Technical Specifications*

Output power	2 x 1.5W RMS / 36W PMPO
Bass Boost	
Headphone connection	3.5 mm jack
Microphone in/out	3.5 mm jack
Includes	Audio cable and AC adapter
Dimension	9.4" x 2.1" x 8.2" / 239 x 54 x 208 mm
Power consumption	5W

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Description of the Controls



A. Bass button

Turn on or off to enhance the Bass sound.

B. Power knob / Volume knob

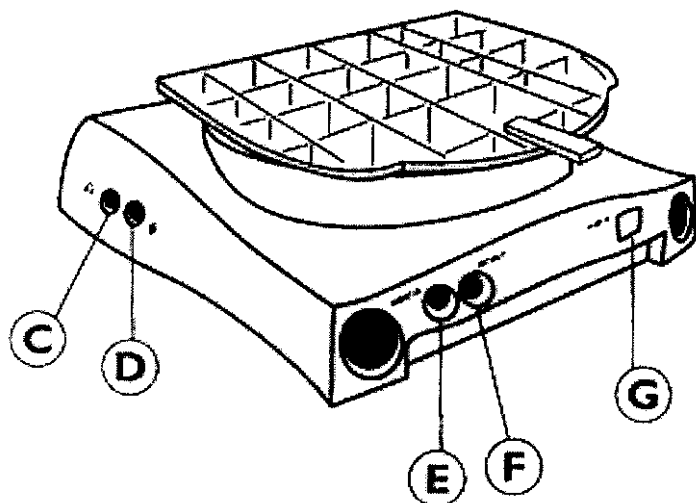
Turn clockwise to switch power on. Turning the knob more will increase the volume.

C. Headphone jack

Attach your headphones here. The loudspeakers will automatically switch off once headphones are connected.

D. Microphone jack

Attach your microphone here.



E. Audio In

Connect this to the audio output of your PC.

F. MIC Out

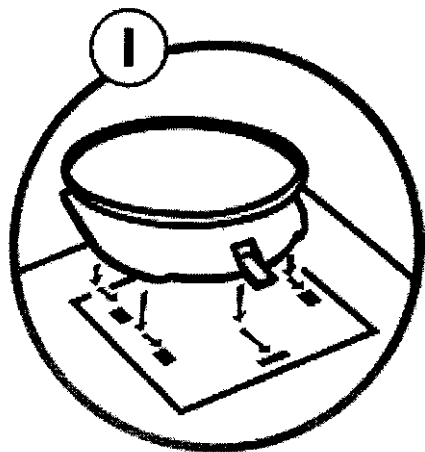
Connect this to the microphone output of your PC.

G. DC Input

Connect power input here.

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Installing your Multimedia Pedestal

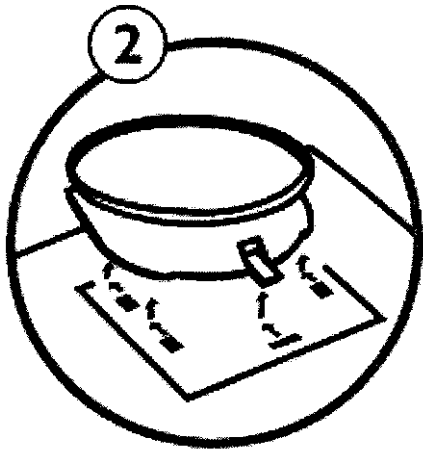


1. To INSTALL

- Slide the pedestal, aligning with the holes on the side.
- Then click the back hook into the corresponding hole on the bottom plate of your monitor.

2. To UN-INSTALL

- Lift the back hook from the hole on the bottom plate of your monitor.
- Slide out the pedestal the opposite direction (from when you installed it).



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CRT

Size and deflection	15 inch / 36 cm ; 90° deflection angle
Dot pitch / Grille pitch	0.27 mm
Horizontal pitch	0.24 mm
Tube type	Shadow mask, flat square, high contrast, anti-glare, anti-static, anti reflection, light transmission 46%
Phosphor	P22
Recommended display area	105B10 - 10.63" x 7.95" / 270 x 202 mm 105B11 and 105B13 - 10.6" x 8.0" / 270 x 202 mm
Maximum display area	11.2" x 8.4" / 284 x 213 mm

SCANNING

Horizontal scanning	30 - 70 KHz
Vertical scanning	50-160 KHz

VIDEO

Video dot rate	108 MHz
Input impedance	
- Video	75 ohm
- Sync	2.2 kOhm
Input signal levels	0.7 Vpp
Sync input signal	Separate sync
	Composite sync
Sync polarities	Positive and negative

WHITE COLOR TEMPERATURE

Chromaticity CIE coordinates:

at 9300 K degrees	$x = 0.283 / y = 0.297$
at 6500 K degrees	$x = 0.313 / y = 0.329$

These information are sub ect to change without notice.

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Power Management

Complies with EPA Energy Star and NUTEK specifications

Typical operation : 70W

- Suspend / Standby Mode : < 10W
- Off Mode : < 3W

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 a keyboard, mouse or other input device is detected, the monitor will automatically "wake up". The following table shows the power consumption and signaling of this automatic power saving features:

VESA's Mode	Video	H-sync	V-sync	Power Used	Power Saving (%)	LED color
ON	Active	Yes	Yes	< 86W	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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Physical Specifications

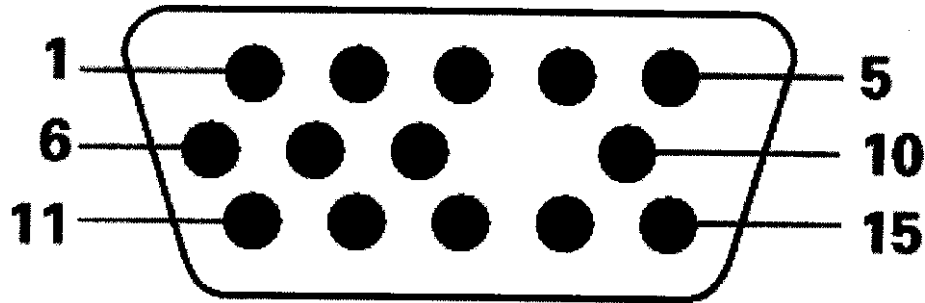
- Dimensions 14.1" x 14.6" x 14.9" / 358 x 370 x 379 mm (including base)
14.1" x 13.2" x 14.9" / 358 x 335 x 379 mm (excluding base)
- Weight 11.9 kg
- Power supply 90 - 264 VAC, 50/60Hz
- Power consumption 105 Watt*
- Temperature (operating) 0° to 40°C / 32° to 104°F
- Temperature (storage) -25° to +65°C / -13° to -149°F
- Relative humidity 5% to 95%

* Resolution 1280 x 1024, standard size, contrast max., brightness 50%, 9300°, full white pattern.

* These information are subject to change without notice.

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 - connected to pin 10
4	Identical output - connected to pin 10	12	Serial data line (SDA)
5	Ground	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		

Views

Follow the links to see various views of the monitor and its components.

[Front View](#)

[Rear View](#)

On-Screen Display






[Description of the On-Screen Display](#) [The OSD Tree](#) [The OSD Controls](#)

Description of the On Screen Display

What is the On-Screen Display?

This is a feature in all Philips monitors which allows an end-user to adjust screen performance of monitors directly through an on-screen instruction window. The user interface provides user-friendliness and ease-of-use when operating the monitor.

Basic and simple instruction on the control keys.

On the front controls of your monitor, once you press the  button, the On Screen Display (OSD) Main Controls window will pop up and you can now start making adjustments to your monitor's various features. Use the   or the   keys to make your adjustments within.

