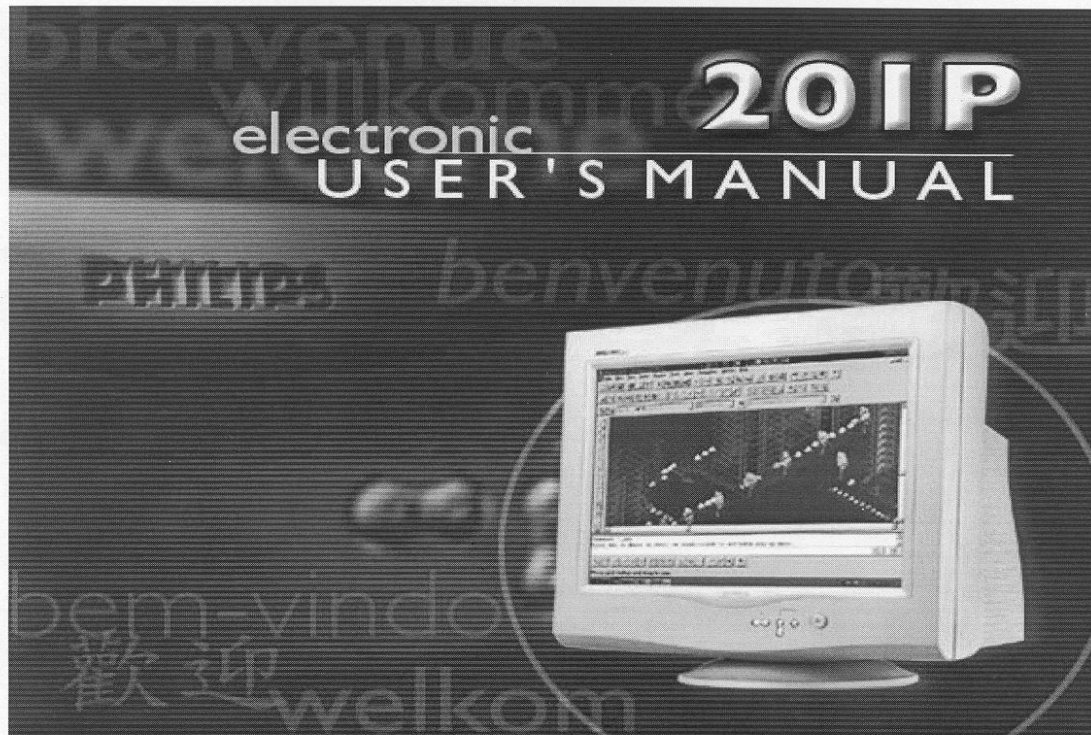
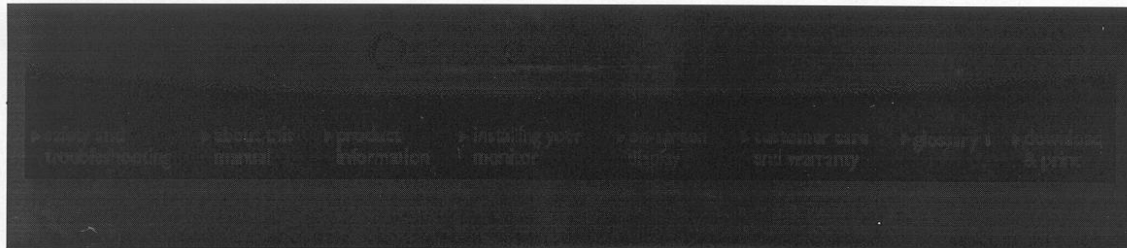


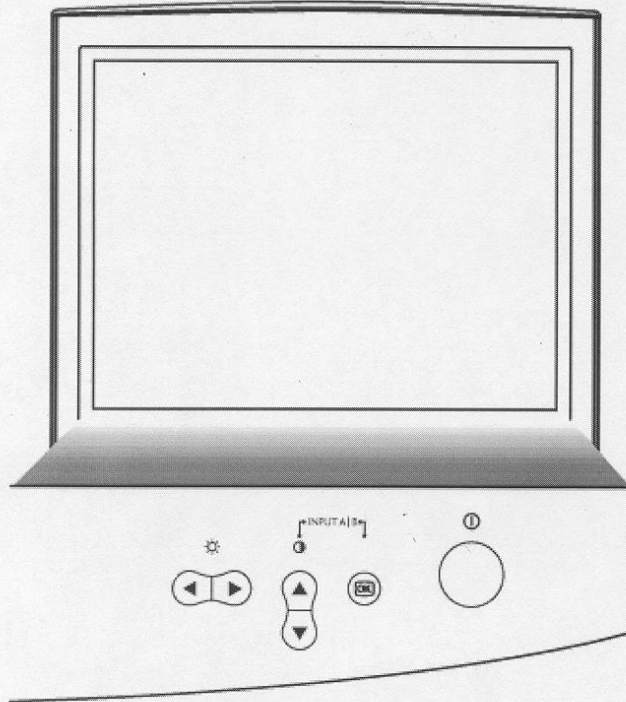
Philips 201P Electronic User's Manual



Installing your Monitor

[Front View](#) • [Rear View](#) • [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

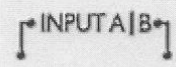
Installing your Monitor



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



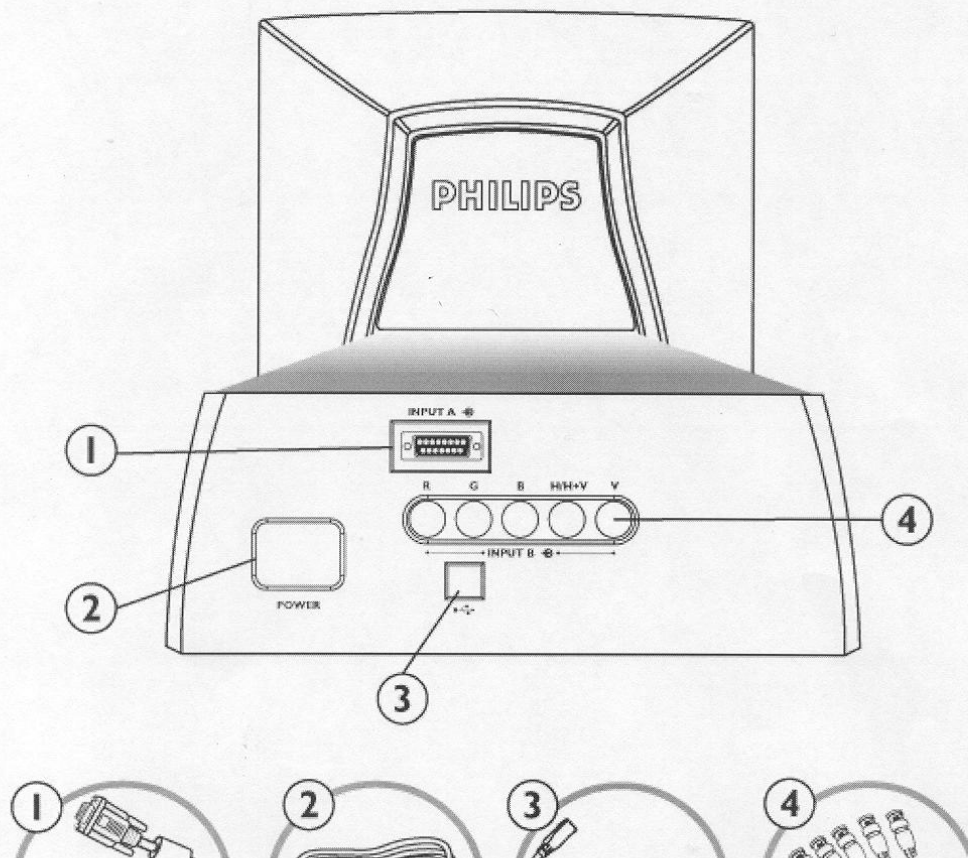
LEFT and RIGHT buttons, like the UP and DOWN buttons, are also used in adjusting the OSD of your monitor.



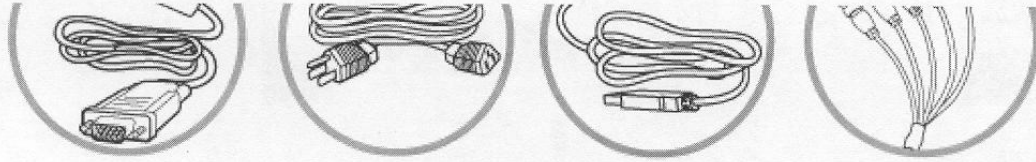
By pressing both the UP and OK buttons, you can easily access the Input Signals A and/or B.

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Rear View



Installing your Monitor



1. D-Sub Port - Attach the D-Sub connector that comes with your monitor here. Other end connects to your PC.
2. Power in - Attach power cable here.
3. USB Port - Attach your USB Upstream cable here. Connect the other end to your USB hub or your PC's USB connector. *(Not available on all models.)*
4. BNC Connectors - Attach the connectors here to get the best video performance from your monitor.

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About This Electronic User's Manual

Notes, Cautions, and Warnings

Throughout this guide, blocks of text may be accompanied by an icon and printed in bold type or in italic type. These blocks are notes, cautions, and warnings, and they are used as follows:



NOTE: This icon indicates important information and tips that help you make better use of your computer system.



CAUTION: This icon indicates information that tells you how to avoid either potential damage to hardware or loss of data.



WARNING: This icon indicates the potential for bodily harm and tells you how to avoid the problem.



SMART HELP: This icon indicates helpful information when adjusting the On Screen Display of your monitor.

Some warnings may appear in alternate formats and may be unaccompanied by an icon. In such cases, the specific presentation of the warning is mandated by regulatory authority.

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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.

Product Information

[Product Features](#) • [Technical Specifications](#) • [Automatic Power Saving](#) • [Physical Specification](#) • [Pin Assignment](#) • [Product Views](#)

Product Features

201P10:

- 21-inch (20.0" VIS) Real Flat color monitor featuring ICE technology for excellent front of screen performance for use with MACs, PCs or Workstations
- Autoscan covers horizontal frequencies up to 121 kHz offering a maximum resolution of 2048 x 1536 with flicker free display of 1600 x 1200 at up to 97 Hz
- Flat aperture grille CRT with high-resolution 0.25 mm stripe pitch.
- Auto Calibrate extends the useful life of the monitor by automatically adjusting color and luminance to original values.
- Large screen display in a small footprint: World's shortest 21-inch Flat monitor with maximum depth of only 466 mm/18.3"
- Outstanding ease of use thanks to CustoMax® monitor control software via USB
- TCO99, E2000, NUTEK, EPA, FCC, CE and ISO9241 certified

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Technical Specifications*

CRT

• Size and deflection	21 inch / 51 cm ; 90° deflection angle
• Dot pitch / Grille pitch	0.25 mm
• Horizontal pitch	
• Tube type	Aperture grille, flat, high contrast, anti-glare, anti-static, anti reflection, light transmission 41%
• Phosphor	P22
• Recommended display area	15.4" x 11.6" / 392 x 294 mm
• Maximum display area	16.0" x 12.0" / 406 x 305 mm

SCANNING

• Horizontal scanning	30 - 121 KHz
• Vertical scanning	50 - 160 KHz

VIDEO

201P Product Information

• Video dot rate	320 MHz
• Input impedance	
- Video	75 ohm
- Sync	2.2 kOhm
• Input signal levels	0.7 Vpp
	Separate sync
• Sync input signal	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	$x = 0.313 / y = 0.329$
• at 5500 K degrees	$x = 0.332 / y = 0.347$

* These information are subject to change without notice.

[RETURN TO TOP OF THE PAGE](#)**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:

Power Management Definition						
VESA's Mode	Video	H-sync	V-sync	Power Used	Power Saving (%)	LED color
ON	Active	Yes	Yes	Typical 124 W	0 %	Green
Stand-by	Blanked	No	Yes	< 7 W	94 %	Yellow
Suspend	Blanked	Yes	No	< 7 W	94 %	Yellow
OFF	Blanked	No	No	< 2.8 W	98 %	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 19.7" x 19.7" x 18.3" / 501 x 501 x 466 mm (including base)
19.7" x 18.1" x 18.3" / 501 x 461 x 466 mm (excluding base)
- Weight 28.5 kg
- Power supply 90 - 264 VAC, 50/60Hz
- Temperature (operating) 0° to 35°C / 32° to 95°F
- Temperature (storage) -25° to +65°C / -13° to -149°F
- Relative humidity 5% to 95%

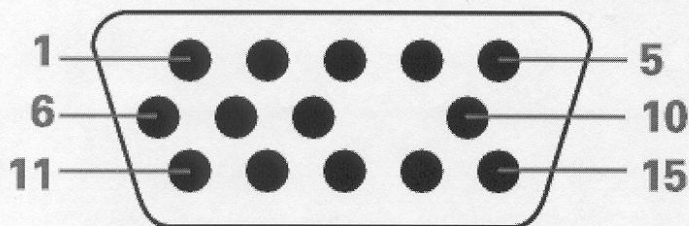
* Resolution 1280 x 1024, standard size, contrast max., brightness 50%, 9300°, full white pattern.

* These information are subject to change without notice.

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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

201P Product Information

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			

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Views

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

[Front View](#)

[Rear View](#)

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Regulatory Information

Normal operation	ON	Green	Typical 124 W
Power Saving	Suspend	Yellow	< 7 W
Position A1			
Power Saving	OFF	Amber	< 2.8 W
Position A2			



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



We recommend you switch off the monitor when it is not in use for quite a long time.

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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.

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.