

Product Information

Product Features

200W6

- **Outstanding front of screen performance**
 - WSXGA, wide format 1680x1050 resolution for sharper display
 - Fast 16ms response time displays fast moving pictures better
 - Widest viewing angle up to 176 degree
 - Dual Input accepts both analog VGA and digital DVI signals
- **Maximum comfort for maximum productivity**
 - SmartManage provides LAN-based asset management capabilities
 - Large viewing area for seeing more without scrolling
 - Screen tilt, swivel and height adjustment for ideal viewing angle
 - Easy, user friendly plug-and play installation
- **Multi-function for ultimate convenience**
 - USB port for convenient peripheral connections
 - Built-in speakers for audio without desktop clutter
 - Stand-alone audio for efficient net conferencing
 - Easy plug and play DVI ensures true digital experience

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Technical Specifications*

LCD PANEL	
• Type	TFT LCD
• Screen size	20.1" / 51cm
• Pixel Pitch	0.258 x 0.258mm
• LCD Panel type	1680 x 1050 pixels R.G.B. vertical stripe Anti-glare polarizer, hard coated
• Effective viewing area	433.44 x 270.9 mm
• Display Colors	8 bits interface (16.7M colors)
SCANNING	
Vertical refresh rate	56Hz-85Hz
Horizontal Frequency	30kHz-93kHz (Analog input)
VIDEO	
• Video dot rate	165 MHz
• Input impedance	
- Video	75 ohm
- Sync	2K2 ohm

• Input signal levels	0.7 Vpp
• Sync input signal	Separate sync Composite sync Sync on green
• Sync polarities	Positive and negative
• Video interface	D-Sub (Analog) DVI-D (Digital)
AUDIO-IN	
• Input signal level	0.7 Vpp
• Headphone out signal level	20mW x 2, 32 Ω
• Input signal connector	3.5mm mini jack
• Loudspeaker	4W Stereo Audio (2W/channel RMSx2, 200Hz-12kHz, 4 ohm, THD=10%)
Optical characteristics	
• Contrast ratio:	600:1 (typ.)
• Brightness:	300 cd/m ² (typ.)
• Peak contrast angle	6 o'clock
• White Chromaticity:	x: 0.283 y: 0.297 (at 9300°K) x: 0.313 y: 0.329 (at 6500°K)
• Viewing Angle: (C/R>10)	Upper $\geq 88^\circ$ (typ.) Lower $\geq 88^\circ$ (typ.) Left $\geq 88^\circ$ (typ.) Right $\geq 88^\circ$ (typ.)
• Response time	16 ms (typ.)

* This data is subject to change without notice.

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Resolution & Preset Modes

- Maximum 1680 x 1050 at 75Hz(analog input)
1680 x 1050 at 60Hz(digital input)
- Recommended 1680 x 1050 at 60Hz * at DVI digital input

39 user definable modes

15 factory preset modes:

H. freq (kHz)

Resolution

V. freq (Hz)

31.469	640x350	70.086
31.469	720x400	70.087
31.469	640x480	59.940
35.000	640x480	67.000
37.500	640x480	75.000
35.156	800x600	56.250
37.879	800x600	60.317
46.875	800x600	75.000
48.363	1024x768	60.004
60.023	1024x768	75.029
68.700	1152x870	75.000
63.981	1280x1024	60.020
79.976	1280x1024	75.025
75.0	1600x1200	60
65.29	1680x1050	60.0

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Automatic Power Saving

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

Power Management Definition					
VESA Mode	Video	H-sync	V-sync	Power Used	LED color
Active	ON	Yes	Yes	< 50W	Green
Sleep	OFF	No	No	< 1.5W	Amber
Switch Off	OFF	-	-	< 1.5W	OFF

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

• Dimension (WxHxD)	478 x 423.5 x235 mm (incl. Pedestal)
• Weight	7.6 Kg
• Tilt / Swivel	-5° ~ 25° / ± 125°
• Power supply	90— 240 VAC, 60 - 50 Hz
• Power consumption	50 W* (typ.)
• Temperature	5° C to 40° C (operating) -20° C to 60° C (storage)
• Relative humidity	20% to 80%
• System MTBF	50K hrs (excluding CCFL 40K hrs)
• Cabinet color	200W6CB: Black 200W6CS: Silver
• Altitude	
- storage/shipment - operating	0 - 40,000 feet (12,192m) 0 - 12,000 feet (3657.6m)

* This data is subject to change without notice.

* Resolution 1680x1050, standard size, contrast max., brightness 50%, 6500° K, full white pattern.

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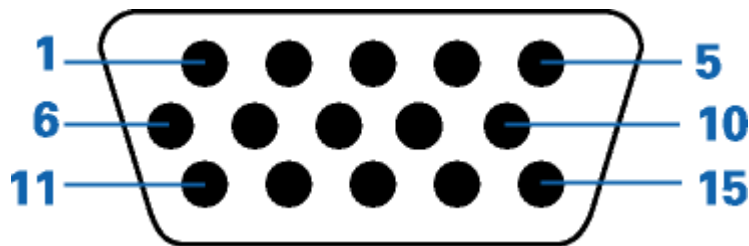
Pin Assignment

1. The digital only connector contains 24 signal contacts organized in three rows of eight contacts. Signal pin assignments are listed in the following table:

Pin No.	Signal Assignment	Pin No.	Signal Assignment	Pin No.	Signal Assignment
1	T.M.D.S. Data2-	9	T.M.D.S. Data1-	17	T.M.D.S. Data0-
2	T.M.D.S. Data2+	10	T.M.D.S. Data1+	18	T.M.D.S. Data0+
3	T.M.D.S. Data2/4 Shield	11	T.M.D.S. Data1/3 Shield	19	T.M.D.S. Data0/5 Shield
4	No connect	12	No connect	20	No connect
5	No connect	13	No connect	21	No connect
6	DDC Clock	14	+5V Power	22	T.M.D.S. Clock Shield
7	DDC Data	15	Ground (for +5V)	23	T.M.D.S. Clock+
8	No connect	16	Hot Plug Detect	24	T.M.D.S. Clock-



2. The 15-pin D-sub connector (male) of the signal cable:



Pin No.	Assignment	Pin No.	Assignment
1	Red video input	9	+5V
2	Green video input/SOG	10	Logic ground
3	Blue video input	11	Ground
4	Ground	12	Serial data line (SDA)
5	No connect	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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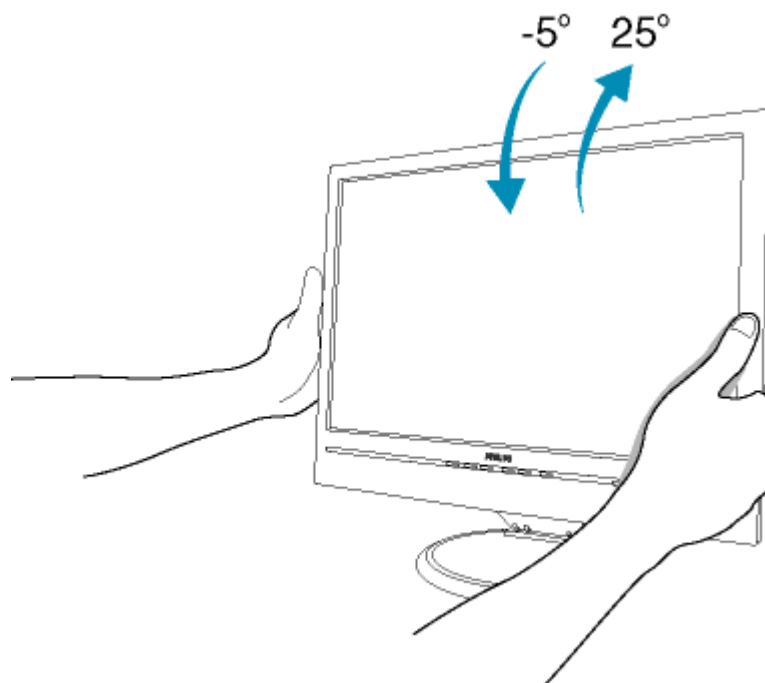
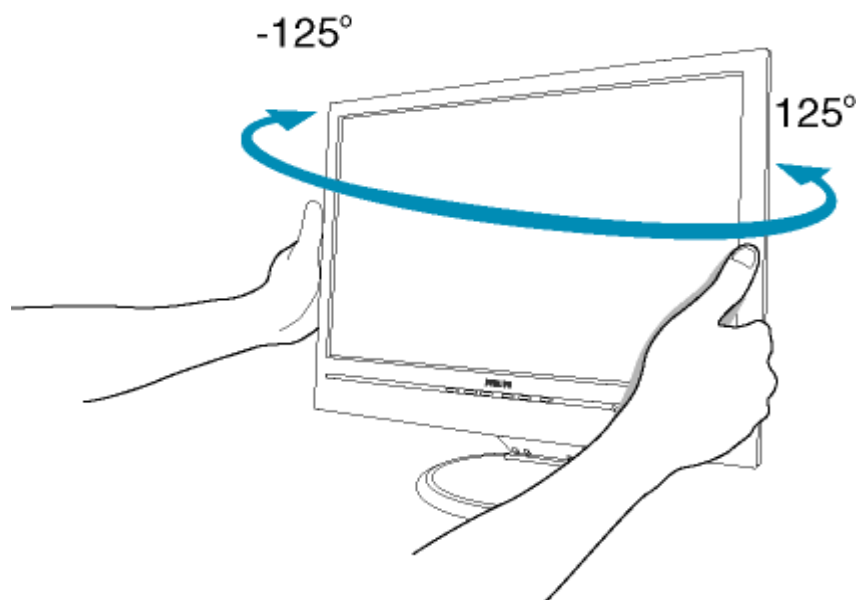
Product Views

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

[Front View Product Description](#)

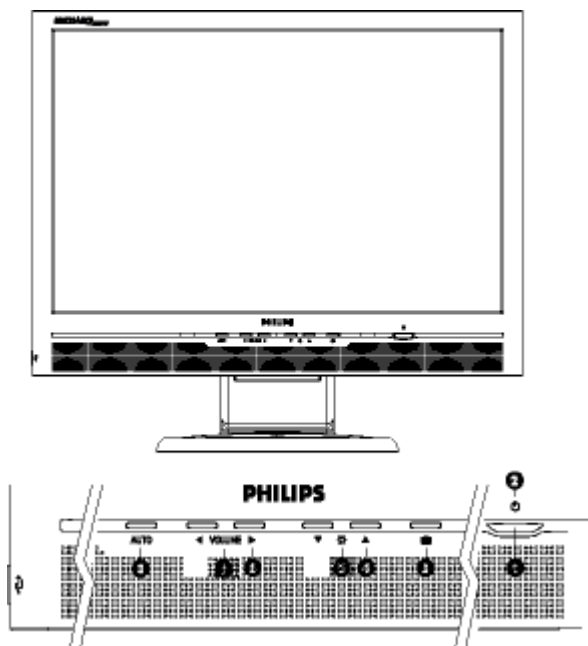
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Physical Function

1) Tilt**2) Swivel**[RETURN TO TOP OF THE PAGE](#)

Installing Your LCD Monitor

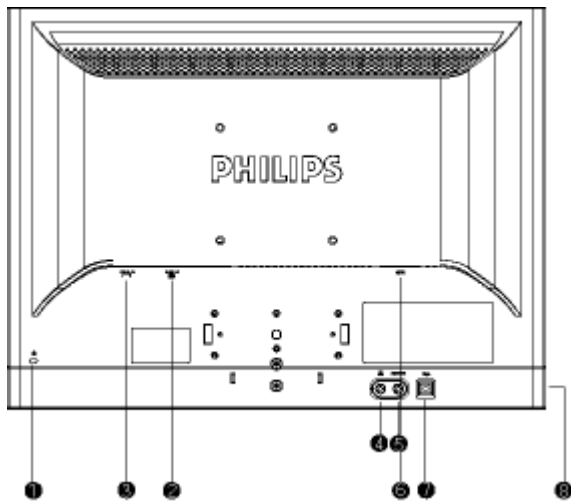
Front View Product Description



- | | | |
|---|---|--|
| 1 |  | To switch monitor's power On and Off |
| 2 |  | Power LED |
| 3 |  | To access OSD menu |
| 4 |  | To adjust the OSD |
| 5 |  | To adjust brightness of the display |
| 6 |  | To adjust the OSD |
| 7 | VOLUME | To adjust speaker volume |
| 8 | AUTO | Automatically adjust the horizontal position, vertical position, phase and clock setting |

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Rear View



- 1 Kensington anti-thief lock
- 2 VGA input
- 3 DVI-D input
- 4 PC audio input
- 5 Earphone jack
- 6 AC power input
- 7 USB upstream port
- 8 USB downstream port

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Optimizing Performance

- For best performance, ensure that your display settings are set at 1680 x 1050 @60Hz



Note: You can check the current display settings by pressing the 'OK' button once. Go into the Product Information. The current display mode is shown on the item called RESOLUTION.

- You can also install the [Flat Panel Adjust \(FP Adjust\) program](#), a program for getting the best performance out of your monitor. This is included on this CD. Step-by-step instructions are provided to guide you through the installation process. Click on the link to know more about this program.

More about  [FP_setup04.exe](#)

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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.

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Commission Federale de la Communication (FCC Declaration)



Cet équipement a été testé et déclaré conforme aux limites des appareils numériques de class B, aux termes de l'article 15 Des règles de la FCC. Ces limites sont conçues de façon à fournir une protection raisonnable contre les interférences nuisibles dans le cadre d'une installation résidentielle. CET appareil produit, utilise et peut émettre des hyperfréquences qui, si l'appareil n'est pas installé et utilisé selon les consignes données, peuvent causer des interférences nuisibles aux communications radio. Cependant, rien ne peut garantir l'absence d'interférences dans le cadre d'une installation particulière. Si cet appareil est la cause d'interférences nuisibles pour la réception des signaux de radio ou de télévision, ce qui peut être décelé en fermant l'équipement, puis en le remettant en fonction, l'utilisateur pourrait essayer de corriger la situation en prenant les mesures suivantes:

- Réorienter ou déplacer l'antenne de réception.
- Augmenter la distance entre l'équipement et le récepteur.
- Brancher l'équipement sur un autre circuit que celui utilisé par le récepteur.
- Demander l'aide du marchand ou d'un technicien chevronné en radio/télévision.



Toutes modifications n'ayant pas reçu l'approbation des services compétents en matière de conformité est susceptible d'interdire à l'utilisateur l'usage du présent équipement.

N'utiliser que des câbles RF armés pour les connections avec des ordinateurs ou périphériques.

CET APPAREIL NUMERIQUE DE LA CLASSE B RESPECTE TOUTES LES EXIGENCES DU REGLEMENT SUR LE MATERIEL BROUILLEUR DU CANADA.

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