BRILLIANCE 107P
17" (16.0" VIS)
REAL FLAT Monitor

- **Smallest 17" flat monitor – period.** *Space Conscious Design results in the smallest 17" monitor footprint in its class*

- **Breakthrough Real Flat tube.** *Experience natural viewing with no distortion and less reflection with Philips Real Flat professional monitors*

- **Incredible images with ICE technology.** *Philips Image Clear Enhancement technology includes a fixed pitch .25 mm aperture grill, special inner tube structure for greater focus accuracy and spot size control, and a high contrast coating for blacker blacks and whiter whites*

- **Intuitive screen adjustments including CustoMax and OSD Lock.** *Developed with consumer focus groups, the ergonomically placed and design controls allow for easy navigation through plan language menus and simple icons; in addition, Philips CustoMax screen adjustment software allows full monitor control via USB on Windows® '95/'98 USB equipped systems*

- **Protect your investment – Upgrade don't replace.** *Philips gives you the freedom choice with a flexible USB upgrade option; attach the rotatable USB powered hub to the tilt/swivel base to conveniently plug-in USB devices*

- **A monitor you can rely on.** *A high 75,000 MTBF rating makes the Brilliance 107P one of the most reliable monitors on the market; Philips First Choice Program with one call support includes a comprehensive 3-year warranty with a 1-year 48-hour advance swap guarantee*

USB hub

Let's make things better.

PHILIPS

Product Number 107P10
Technical Specifications

CRT
• Size (inch/cm)	17"/41 cm (16.0" VIS)
• Deflection Angle (degrees)	90°
• Grille Pitch	0.25 mm
-Tube Type	Aperture Grille, Flat, High Contrast, Anti-Glare, Anti-Static, Anti-Reflection, Light Transmission 42%
• Phosphor	B22
• Recom. Display Area(mm)	306 x 230 mm
• Recom. Display Area(inch)	12.0" x 9.0"
• Max. Display Area(mm)	325 x 244 mm
• Max. Display Area(inch)	12.8" x 9.6"

Scanning
• Horizontal Scanning	30 - 96kHz
• Vertical Scanning	50 - 160Hz

Video
• Video Dot Rate	234MHz
• Input Impedance	
-Video	75Ω
-Sync	2.2kΩ
• Input Signal Levels	0.7 Vp-p
• Sync Input Signal	Separate Sync, Composite Sync
• Sync Polarities	Positive and Negative

White Color Temperature
Chromaticity CIE Coordinates:
• at 9300 K:	x=0.283, y=0.297
• at 6500 K:	x=0.313, y=0.329
• at 5500 K:	x=0.332, y=0.347

Resolution and Preset Modes
- Max. Resolution   1920 x 1440
- Recom. Resolution   1024 x 768
- 16 User Definable Modes
- 35 Factory Preset Modes:

	H.freq (kHz)/ V.freq (Hz)
640 x 350	31.5K/70; 37.9K/85
640 x 480	31.5K/60; 37.9K/72; 37.5K/75; 43.3K/85; 50.6K/100
720 x 400	31.5K/70; 37.9K/85
800 x 600	37.9K/60; 48.1K/72; 46.9K/75; 53.7K/85; 63.9K/100
832 x 624	49.7K/75
1024 x 768	48.4K/60; 56.5K/70; 60.0K/75; 68.7K/85
1152 x 864	67.5K/75; 77K/85
1152 x 870	68.7K/75
1152 x 900	71.8K/76
1280 x 960	60.0K/60; 85.9K/85
1280 x 1024	64.0K/60; 80.0K/75; 91.1K/85
1600 x 1200	75.0K/60; 81.3K/65; 87.5K/70; 93.8K/75
1792 x 1344	83.6K/60
1856 x 1392	86.3K/60
1920 x 1440	90.0K/60

Plug and Play Compatibility
- Display Data Channel DDC 1/2B
- Microsoft®, Windows® 95/98/NT Compatible
- VESA® GTF Compatible

Power Management
Complies with EPA Energy Star, NUTEK and E2000 Specifications
• Operation (typ.)	92 W
• Suspend/Stand-By Mode (typ.)	< 11 W
• Off Mode/Deep Sleep	< 2.4 W

Low-Emission Characteristics
- Complies with MPR-II and TCO '99 Specifications

Monitor Controls and Functions
• Main	5-Button OSD
	Brightness +/- Direct Access
	Contrast+/- Direct Access
	Input Selection Direct Access
• OSD	Language (English, Spanish, French, German, Italian), Zoom, Horizontal, Vertical, Pincushion, Balanced, Trapezoid, Parallelogram, Color, Reset, Degauss, Moire, Serial Number, Resolution, Frequency, Input Selection
• CustoMax® via USB	Adjustments, Test Patterns, Onscreen help

Connections and Cables
• Connections	
-Video	15-pin D-Shell/5 x BNC
-USB	Upstream Port
• Cables	D-Sub Video, Power and USB

Regulatory Approvals
- TCO '99
- MPR-II Low Emission
- TüV/GS, TüV-Ergo
- FCC-B, UL, CSA, DHHS
- SEMKO, Poland-B Sign, C-Tick
- VCC-I, CE, BCIQ, PSB

monitor back

Physical Specifications
• Dim. Incl. Base (WxHxD)(mm)	399 x 410 x 419
• Dim. Incl. Base (WxHxD)(inch)	15.7" x 16.1" x 16.5"
• Dim. Excl. Base (WxHxD)(mm)	399 x 373 x 419
• Dim. Excl. Base (WxHxD)(inch)	15.7" x 14.7" x 16.5"
• Unit Weight	19 kg/41.8 lbs.
• Power Supply	90 - 264 VAC, 50/60Hz
• UPC Code	0 37849 89465 1
• Carton Dimensions (WxHxD)(mm)	496 x 520 x 556
• Carton Dimensions (WxHxD)(inch)	19.5" x 20.5" x 21.9"
• Carton Weight	22kg/48.4 lbs.
• Temperature (operational)	0°C to +35°C/ 32° to 95°F
• Temperature (storage)	-25°C to +65°C/ -13° to 149°F
• Relative Humidity	5% to 95%
• MTBF (excl. CRT)	> 75,000 H

Other
• USB Hub Option Type	PCUH411

Specifications subject to change without notice

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