Great LED images in vivid colors

Enjoy vivid LED pictures on this Philips display. Essential features like SmartContrast that ensures rich bright images makes it a great choice!

Vivid pictures every time
- LED technology for vivid colors

Experience multimedia
- HDMI-ready for Full HD entertainment

Great choice
- Compact design saves space
- Mercury Free eco-friendly display
- VESA mount allows for flexibility

PHILIPS

Specifications

Picture/Display
- LCD panel type: TFT-LCD
- Backlight type: W-LED system
- Panel Size: 19.5 inch / 49.5 cm
- Effective viewing area: 433.9 (H) x 236.3 (V)
- Aspect ratio: 16:9
- Optimum resolution: 1600 x 900 @ 60 Hz
- Response time (typical): 5 ms
- Brightness: 200 cd/m²
- Contrast ratio (typical): 600:1
- Pixel pitch: 0.26 x 0.26 mm
- Viewing angle: 90° (H) / 65° (V), @ C/R > 10
- Display colors: 16.7 M
- Scanning Frequency: 30 -83 kHz (H) / 56 -76 Hz (V)
- sRGB

Connectivity
- Signal Input: VGA (Analog), HDMI (digital, HDCP)
- Sync Input: Separate Sync, Sync on Green

Convenience
- User convenience: Power On/Off
- OSD Languages: Brazil Portuguese, Czech, Dutch, English, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Korean, Polish, Portuguese, Russian, Simplified Chinese, Spanish, Swedish, Traditional Chinese, Turkish, Ukranian
- Other convenience: Kensington lock, VESA mount (100x100mm)
- Plug & Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 7, Windows 8

Stand
- Tilt: -3/10 degree

Power
- On mode: 17.69 W (typ.), 18.46 W (max.)
- Standby mode: 0.5 W (typ.)
- Off mode: 0.5 W (typ.)
- Power LED indicator: Operation - White, Standby mode- White (blinking)
- Power supply: Built-in, 100-240VAC, 50-60Hz

Dimensions
- Product with stand (mm): 465 x 345 x 170 mm
- Product without stand (mm): 465 x 285 x 48 mm
- Packaging in mm (WxHxD): 503 x 350 x 109 mm

Weight
- Product with stand (kg): 2.33 kg
- Product without stand (kg): 2.03 kg
- Product with packaging (kg): 3.23 kg

Operating conditions
- Temperature range (operation): 0°C to 40°C °C
- Temperature range (storage): -20°C to 60°C °C
- Relative humidity: 20%-80 %
- Altitude: Operation: +12,000ft (3,658m), Non-operation: +40,000ft (12,192m)
- MTBF: 30,000 hour(s)

Sustainability
- Environmental and energy: EPEAT Silver, RoHS, Lead-free, Mercury Free
- Recyclable packaging material: 100 %

Compliance and standards
- Regulatory Approvals: CE Mark, FCC Class B, CU, SEMKO, cETLus, TUV/ISO9241-307, SASO, EPA, CB, PSB, KUCAS, TBS, CoC

Cabinet
- Color: Black
- Finish: Hairline (front bezel) / Texture (rear cover)

Highlights

LED technology
White LED's are solid state devices which light up to full, consistent brightness faster saving startup time. LED's are free from mercury content which allows for eco-friendly recycling and disposal process. LED's allow for better dimming control of LCD backlight, resulting in super high contrast ratio. It also gives superior color reproduction thanks to consistent brightness across the screen.

HDMI Ready

HDMI-ready

An HDMI-ready device has all the required hardware to accept High-Definition Multimedia Interface (HDMI) input. A HDMI cable enables high-quality digital video and audio all transmitted over a single cable from a PC or any number of AV sources (including set-top boxes, DVD players, A/V receivers and video cameras).

Mercury Free
Philips monitors with LED backlighting are free of Mercury content, one of the most toxic natural substances, which affects humans and animals. This reduces the environmental impact of the display throughout its life-cycle, from manufacturing to disposal.

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