144 Hz Gaming

This advanced Philips gaming display redraws the screen up to 144 times per second for ultra-smooth, brilliant images. SmartFrame helps you highlight a specific screen area. Special gaming pre-sets and remote Smart Keypad keep you in control

Brilliant performance

- SmartConnect with HDMI, Display port and Dual link DVI
- SmartImage game mode optimised for gamers
- SmartResponse 1 ms refresh for fast gaming

Entertainment with Mobile HD Link (MHL)

- Optional MHL cable allows for HD video audio playback
- MHL technology for enjoying mobile content on a big screen
- USB 3.0 enables fast data transfers and smart phone charging

Brilliant Gaming

- 144 Hz refresh rates for ultra-smooth, brilliant images
- FPS, RTS, Racing pre-sets intensify gaming experience
- SmartFrame highlights areas for spotting your opponents easily
- SmartKeypad enables quick access to your gaming pre-sets
- Gamer modes enable you to save your preferences
- SmartSize allows you to play on different screen sizes

PHILIPS

Highlights

144 Hz Gaming

You play intense, competitive games. You demand a display with lag-free, ultra-smooth images. This Philips display redraws the screen image up to 144 times per second, effectively 2.4x faster than a standard display. A lower frame rate can make enemies appear to jump from spot to spot on the screen, making them difficult targets to hit. With 144 Hz frame rate, you get those critical missing images on the screen, showing enemy movement in ultra-smooth motion so you can easily target them. With ultra-low input lag and no screen tearing, this Philips display is your perfect gaming partner

MHL technology

Mobile High-Definition Link (MHL) is a mobile audio/video interface for directly connecting mobile phones and other portable devices to high-definition displays. An optional MHL cable allows you to simply connect your MHL-capable mobile device to this large Philips MHL display and watch your HD videos come to life with full digital sound. Now not only can you enjoy your mobile games, photos, movies or other apps on its big screen, you can simultaneously charge your mobile device so you never run out of power halfway.

SmartImage Game mode

The new Philips gaming display has quick-access OSD fine-tuned for gamers, offering you multiple options. "FPS" mode (First person shooting) improves dark themes in games, allowing you to see hidden objects in dark areas. "Racing" mode adapts the display with the fastest response time and high colour, along with image adjustments. "RTS" mode (Real-time strategy) has a special SmartFrame mode that enables highlighting of specific area and allows for size and image adjustments. Gamer 1 and Gamer 2 enable you to save personal customised settings based on different games, ensuring best performance.

SmartFrame

SmartFrame enables you to spot your opponents easily by highlighting a specific area on the screen. By boosting the gain level of RGB in the selected area, it allows you to give more attention to that specific part of the screen where you expect sudden enemy movement. You can also adjust size and image to your preference. It is especially suitable for RTS (Real-Time Strategy) mode games.

SmartConnect

With a plethora of connectivity, these Philips displays come equipped with multi connections like Dual link DVI, Display Port and universal

HDMI connector, enabling you to enjoy high-resolution uncompressed video and audio content. The USB 3.0 option ensures that you can have super-speed data transfers while having global connectivity. Regardless of what source you use, you can rest assured that this Philips display will ensure your investment is not made obsolete any time soon!

SmartSize

SmartSize allows you to change the screen view of this Philips gaming display to suit your preferences. Using the SmartSize function, you can easily swap to different screen sizes. Now, you have the flexibility to simulate and practise gaming in different sizes, while using a single display.

SmartKeypad

SmartKeypad is a specially designed remote controller that connects to this Philips gaming display. It enables fast and convenient access to your gaming pre-sets with 2 quick key access buttons, allowing you to save and activate two personalised custom settings either for gaming or for other purposes. With additional up and down function keys, you can now easily navigate in the OSD menu and settings directly.

Gamer modes

Gamer modes enable you to save your preferences

Specifications

Connectivity
- Signal Input: VGA (Analogue), DVI-Dual Link (digital, HDCP), HDMI (digital, HDCP), MHL-HDMI (digital, HDCP), DisplayPort 1.2, USB 3.0 x 4 with 1 x fast charger, Smart keypad x 1
- Sync Input: Separate Sync, Sync on Green
- Audio (In/Out): HDMI audio out

Picture/Display
- Panel Size: 27 inch/68.6 cm
- Aspect ratio: 16:9
- LCD panel type: TFT-LCD (TN)
- Backlight type: W-LED system
- Pixel pitch: 0.311 x 0.311 mm
- Optimum resolution: 1920 x 1080 @ 120 Hz (Dual-link DVI/DP)
- Brightness: 300 cd/m²
- Display colours: 16.7 M
- Contrast ratio (typical): 1000:1
- SmartContrast: 80,000,000:1
- Viewing angle: 170° (H)/160° (V), @ C/R > 10
- Picture enhancement: SmartImage game
- SmartResponse: 1 ms (Grey to Grey)*
- Maximum resolution: 1920 x 1080 @ 144 Hz (Dual-link DVI/DP)
- Effective viewing area: 597.6 (H) x 336.15 (V) mm
- Scanning Frequency: 30 - 160 kHz (H) / 50 - 146 Hz (V)
- sRGB
- MHL: 1080p@30Hz
- Standard resolution: 1920 x 1080 @ 60 Hz (VGA, HDMI, Dual-link DVI, DP)

Convenience
- Plug and Play Compatibility: DDC/CI, Mac OS X, sRGB, Windows 7, Windows 8
- User convenience: SmartImage game/Back, Power On/Off, SmartSize/Up, Menu/OK, Input
- 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, Ukrainian
- Other convenience: Kensington lock, VESA mount (100 x 100 mm)

Stand
- Height adjustment: 150 mm
- Pivot: 90 degree
- Swivel: -65/65 degree
- Tilt: -5/+20 degree

Power
- Power supply: 100–240 VAC, 50–60 Hz
- Off mode: 0.3 W (typ.)
- On mode: 24.6 W (typ.) (EnergyStar 6.0 test method)
- Standby mode: 0.5 W (typ.)
- Power LED indicator: Operation - White, Standby mode - White (flashing)

Dimensions
- Packaging in mm (W x H x D): 750 x 234 x 490 mm
- Product without stand (mm): 639 x 405 x 64 mm
- Product with stand (max height): 639 x 580 x 273 mm

Weight
- Product with packaging (kg): 10.35 kg
- Product with stand (kg): 7.50 kg
- Product without stand (kg): 5.10 kg

Operating conditions
- Altitude: Operation: +12,000 ft (3658 m), Non-operation: +40,000 ft (12,192 m)
- Temperature range (operation): 0°C to 40°C °C
- MTBF: 30,000 hour(s)
- Relative humidity: 20%–80% %
- Temperature range (storage): -20°C to 60°C °C

Sustainability
- Environmental and energy: EnergyStar 6.0, RoHS, Mercury Free
- Recyclable packaging material: 100 %

Compliance and standards
- Regulatory Approvals: BSMI, CE Mark, FCC Class B, GOST, PSB, SASO, SEMKO, TCO Certified, TUV Ergo, TUV/GS, cETLus, WEEE

Cabinet
- Colour: Black
- Finish: Texture

* This Philips display is capable of achieving up to 144Hz refresh rates thru its Dual-link DVI and DisplayPort connector. Please ensure your graphics card is capable of 144Hz refresh rates and updated with the latest driver.
* For any questions related to 144 Hz performance please refer to your card vendor directly.
* This Philips display is MHL-certified. However, if your MHL device does not connect or work correctly, check with your MHL device FAQ or vendor directly for instructions. The policy of your device manufacturer may require you to purchase its brand-specific MHL cable or adapter in order for it to work
* Requires optional MHL-certified mobile device and MHL cable (not included). Please check with your MHL device vendor for compatibility.
* Standby/Off energy saving of ErP is not applicable for the MHL charging functionality