

Philips plasma monitor

50" WXGA

BDH5011

High resolution versatile display solution

50" Wide WXGA Plasma Monitor

This large WXGA monitor is a real eye-catcher for indoor public areas thanks to its size and outstanding video performance. Razor sharp display of graphics and PC presentations make this monitor a welcome guest in boardrooms as well.

Optimised for public viewing

- PiP allows watching a second source simultaneously
- 3D combfilter separates colours for a razor-sharp image
- HDTV Signal Compatible to display HDTV content
- Motion Adaptive De-interlacing for razor sharp images
- WXGA, wide format 1366 x 768 resolution for sharper display
- 3:2 Pulldown eliminates artefacts when watching movies

Operational flexibility

- VGA Loop through
- Multiple PC input formats up to WXGA
- Multiple video input formats up to SXGA and HDTV compatible
- Remote Management and Configuration via RS232
- · Quiet and reliable fanless operation
- Wide choice of analogue and digital connectivity



Highlights

Remote Management: RS232

Remote Management allows the user to control and adjust the displays remotely via the RS232 protocol. Using CEC commands, you are able to have full control over all the displays in your signage network at any time.

Multiple PC input formats

The product supports PC compatibility for VGA, SVGA, XGA and WXGA. A universal public display solution requires versatile PC input support.

Wide choice of connectivity

Versatile public display solutions require versatile analogue and digital connectivity.

Fanless operation

Fanless operation is quiet and doesn't collect dust inside the monitor, thus improving product reliability.

VGA Loop through

Connect multiple displays to create a video wall of up to 150 displays via a VGA daisy chain thus enhancing your visual experience. With no additional hardware required, they are as

simple to install as they are captivating to your audience.

Multiple video input formats

In common use video content is often supplied in various formats in different resolutions and aspect ratios. Thus the content needs to be reformatted for optimal display on given screen resolution. A high-class scaler guarantees optimal reformatting of any video format up to SXGA.

WXGA 1366 x 768 resolution

WXGA, wide format 1366 \times 768 resolution for sharper display

3D Combfilter

The 3D combfilter separates brightness and colour signals better in 3D domain to eliminate cross-colour, cross-luminance and dot-crawl distortion - all of which detract from your viewing pleasure. The 3D digital combfilter performs field-by-field comparisons of the television image to accurately separate the colour from the black-and-white information and remove both horizontally and vertically hanging dots, as well as dot crawl. The result is a razor sharp image.

3:2 Pulldown

3:2 Pulldown totally eliminates the unwanted artefacts that distort your picture viewing when watching movies. With these artefacts gone, you will enjoy the movie the way it is meant to be.

Motion adaptive de-interlacing

This smart de-interlacing algorithm is able to detect the type of video source (such as Still Picture, Motion Picture or Film) and automatically optimise the de-interlacing process with Spatial, Temporal or Film mode de-interlacing. The result is that it delivers razor sharp and stable images every time.

HDTV Signal Compatible

This display is capable of accepting 1080i and 720p HDTV signals via an external HDTV decoder with RGB or Components Video outputs

Picture In Picture (PIP)

Provides the ability to watch simultaneously two different sources, either two video sources or a combination with data/graphics











Specifications

Connectivity

- Audio output: Stereo Audio (3.5 mm jack) 1 x, Speaker Out 2x mini-jack 3.5 mm, Subwoofer Out
- PC: DVI-D x 1, RS232 D-Sub9, VGA-in D-Sub 15HD, VGA-out D-Sub 15HD
- AV input: Component (YPbPr) 2 x, S-video x 1, Composite (CVBS) x 1, Audio (L/R) for YPbPr x 1
- Audio input for PC: Audio Left/Right (RCA 2 x)
- Audio input for data: Audio Left/Right (RCA) 2 x
- Audio input for video: Audio Left/Right (RCA x 2)
- Audio cinch out: Analogue audio output L/R

Picture/Display

- Panel Size: 50"/127cm
- Aspect ratio: 16:9
- Panel resolution: $1366 \times 768p$
- Pixel pitch: $0.81 \times 0.81 \text{ mm}$
- Brightness: 1000 cd/m²
- Display colours: 16.7 million colours
- Contrast ratio (typical): 1000:1
- Viewing angle: 160° (H)/160° (V)
- Picture enhancement: 3D Combfilter, 3/2 2/2 motion pull down, Motion adaptive de-interlacing, Picture in Picture
- Horizontal Scanning Frequency: 15.5 91 kHz
 Vertical Scanning Frequency: 50–85 Hz
- Effective viewing area: 1107 x 622mm

Convenience

- Built-in Audio: Built-in amplifier and 5 Watts RMS x 2 stereo speakers
- · User convenience: On-screen Display
- Monitor Controls: Left/Right, Power On/Off, Up/
- Regulatory approvals: FCC-B, UL, CSA, CE Mark
- Network controllable: RS232
- DPMS power saving system

• Power supply: 100-240 VAC, 50/60 Hz

- Consumption (On mode): 500 Watts max. (full white)
- Sleep Mode: 5W Max.

Supported Display Resolution

- Computer formats: 640 x 480, 50, 60, 67, 72, 75, 85 Hz, 720 × 400, 70 Hz, 800 × 600, 56, 60, 72, 75, 85 Hz, 848 × 480, 60 Hz, 1024 × 768, 60, 70, 75, 85 Hz, 1280 x 1024, 60, 75, 85 Hz, 1280 x 960, 60, 85 Hz, 1360 x 768, 60 Hz, 1366 x 768, 60 Hz
- Video formats: 480p, 60 Hz, 720p, 60 Hz, 1080i, 60
- MAC 832 x 624: 75 Hz
- MAC 1152 x 870: 75 Hz
- VGA 640 x 350: 70 Hz
- WVGA 852 x 480: 60 Hz

Dimensions

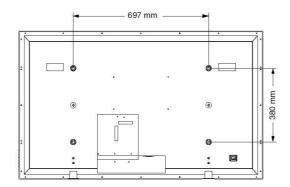
- Lifetime to 50% brightness: 20000 hour(s)
- Weight: 49 kg
- \bullet Temperature range (operation): 0°C to 40°C
- Temperature range (storage): -20°C to 60°C
- Relative humidity: 20% 80%
- Depth (with base): 300 mm
- Height (with base): 810 mm
- · Width (with base): 1256 mm
- Depth (without base): 107.5 mm
- Width (without base): 1256 mm
- Height (without base): 762 mm

Accessories

- Included accessories: AC Power Cord, Battery, Remote Control, Tabletop stand, VGA cable
- User Manual: English
- Optional accessories: Ceiling mount, Flexible wall mount. Fixed wall mount
- User Guide on CD-ROM

Miscellaneous

· Bezel: Silver





Issue date 2024-03-24

© 2024 Koninklijke Philips N.V. All Rights reserved.

Version: 2.0.3

Specifications are subject to change without notice. Trademarks are the property of Koninklijke Philips N.V. or their respective owners.

EAN: 87 10895 80594 0

www.philips.com