Multi-Purpose Public Display Solution

107 cm (42") Wide VGA Plasma Monitor

State of the art, cost effective plasma monitor specially designed for indoor public display applications. The high class scaler, advanced digital video processing and the latest plasma technology guarantee optimal display of your message.

Operational flexibility
• Multiple PC input formats up to WXGA
• Wide choice of analog and digital connectivity
• Remote Management and Configuration via RS232
• Portrait mode operability
• Quiet and reliable fanless operation
• VGA Loopthrough

Optimized for public viewing
• High brightness (1000cd/m2) and 3000:1 contrast ratio
• Motion Adaptive De-interlacing for razor sharp images
• PiP allows watching a second source simultaneously

Lower total cost of ownership
• Long expected panel lifetime of over 60.000 hours

PHILIPS

sense **and** simplicity

Specifications

Picture/Display
- Panel Size: 42" / 106.7cm
- Aspect ratio: 16:9
- Panel resolution: wVGA (854 x 480 pixels)
- Pixel pitch: 1.095 x 1.110 mm / 0.0431 x 0.0437"
- Brightness: 1000 cd/m²
- Contrast ratio (typical): 3000:1
- Display colors: 16.7 Million colors
- Viewing angle: 160° (H) / 160° (V)
- Horizontal Scanning Frequency: 31 - 69 kHz
- Vertical Scanning Frequency: 50 - 85 Hz
- Picture enhancement: Picture in Picture

Supported Display Resolution
- Computer formats

Resolution	Refresh rate
1366 x 768	60Hz
1280 x 1024	60Hz
1024 x 768	60, 70, 75, 85Hz
800 x 600	56, 60, 72, 75,85Hz
720 x 400	70Hz
640 x 480	60, 72, 75, 85Hz

- Video formats

Resolution	Refresh rate
480i	60Hz
480p	60Hz
1080i	50, 60Hz
720p	60Hz

Connectivity
- PC: RS232 D-Sub9, DVI-D x1, VGA-in D-Sub 15HD, VGA-out D-Sub 15HD
- Audio input for PC: Audio Left/Right (RCA 2x)
- AV input: Component (YPbPr) 2x, Audio (L/R) for YPbPr 2x, S-video x2, Composite (CVBS) x 2, Audio (L/R)x2 for CVBS & S-Vid
- Audio output: Stereo Out (2 cinch), Subwoofer Out

Convenience
- Picture in Picture: Picture in Picture All Inputs, Double window
- Network controllable: RS232
- User convenience: On-screen Display
- Monitor Controls: Left/Right, Power On/Off, Up/Down, Source Select, Menu (OK), Volume control
- OSD Languages: English, French, Spanish
- Built-in Audio: Built-in amplifier and 5 Watts RMSx2 stereo speakers
- Screen saving functions: Full white, pixel shift
- Regulatory approvals: CE Mark, FCC-B, UL, CSA

Power
- Consumption (On mode): 350 Watts (color bar pattern)
- Power supply: 100-240VAC, 50/60Hz
- Sleep Mode: 5 Watts Max.

Dimensions
- Set dimensions in inch (W x H x D): 42.56 x 26.65 x 3.740 inch
- Dimensions (without base) (W x H x D): 1081 x 677 x 95 mm
- Dimensions (with base) (W x H x D): 1081 x 722 x 220 mm
- Product weight (lb): 80.3
- Weight: 36.5 kg
- Lifetime to 50% brightness: 60000 hr
- Temperature range (operation): 0°C to 40°C
- Temperature range (storage): -5°C to +50°C
- Relative humidity: 20% - 80%

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

Miscellaneous
- Bezel: Metalic Antracite

Highlights

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.

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.

Portrait mounting possible
This display is also able to be safely and reliably mounted in portrait position.

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

VGA Loopthrough
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 installl as they are captivating to your audience.

High brightness & contrast
High brightness and contrast values are extremely beneficial in public environments where lighting conditions are variable and often beyond control.
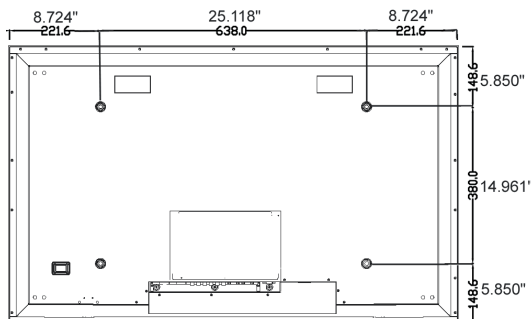
Motion adaptive de-interlacing
This smart de-interlacing algorithm is able to detect the type of video source (such as Still Picture, Motion Picture or Film) and automatically optimize the de-interlacing process with Spatial, Temporal or Film mode de-interlacing. The result is that it delivers razor sharp and stable images every time.

Picture In Picture (PIP)
Provides the ability to watch simultaneously two different sources, either two video sources or a combination with data/graphics

Long expected panel lifetime
In public display applications 24/7 operation is often required. Even after 60000 hours of operation the brightness level of the display will be at least 50% of the initial value.

www.philips.com