High resolution versatile display solution

127 cm (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 also a welcome guest in boardrooms.

Operational flexibility
- Remote Management and Configuration via RS232
- Multiple PC input formats up to WXGA
- Wide choice of analog and digital connectivity
- Quiet and reliable fanless operation
- VGA Loopthrough
- Multiple video input formats up to SXGA and HDTV compatible

Optimized for public viewing
- WXGA,wide format 1366x768 resolution for sharper display
- 3D combfilter separates colors for a razor-sharp image
- 3:2 Pulldown eliminates artefacts when watching movies
- Motion Adaptive De-interlacing for razor sharp images
- HDTV Signal Compatible to display HDTV content
- PiP allows watching a second source simultaneously

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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.

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.

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.

3D Combfilter

The 3D comb filter separates brightness and color signals better in 3D domain to eliminate cross-color, cross-luminance and dot-crawl distortion - all of which detract from your viewing pleasure. The 3D digital comb filter performs field-by-field comparisons of the television image to accurately separate the color 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 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.

HDTV Signal Compatible

This display is capable of accepting 1080i and 720p HDTV signals via na 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

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

Supported Display Resolution
- Computer formats

Resolution	Refresh rate
640 x 480	50,60,67,72,75,85Hz
720 x 400	70Hz
800 x 600	56, 60, 72, 75,85Hz
848 x 480	60Hz
1024 x 768	60, 70, 75, 85Hz
1280 x 1024	60, 75, 85Hz
1280 x 960	60, 85Hz
1360 x 768	60Hz
1366 x 768	60Hz

- VGA 640 x 350: 70 Hz
- WVGA 852 x 480: 60 Hz
- MAC 832 x 624: 75 Hz
- MAC 1152 x 870: 75 Hz
- Video formats

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

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

- Audio cinch out: Analog audio output L/R
- Audio input for data: Audio Left/Right (RCA) 2x
- Audio input for PC: Audio Left/Right (RCA 2x)
- Audio output: Stereo Audio (3.5 mm jack) 1x, Speaker Out 2x mini-jack 3.5mm, Subwoofer Out

Convenience
- User convenience: On-screen Display
- DPMS power saving system
- Monitor Controls: Left/Right, Power On/Off, Up/ Down
- Built-in Audio: Built-in amplifier and 5 Watts RMSx2 stereo speakers
- Regulatory approvals: FCC-B, UL, CSA, CE Mark
- Network controllable: RS232

Power
- Consumption (On mode): 500 Watts max. (full white)
- Power supply: 100-240VAC, 50/60Hz
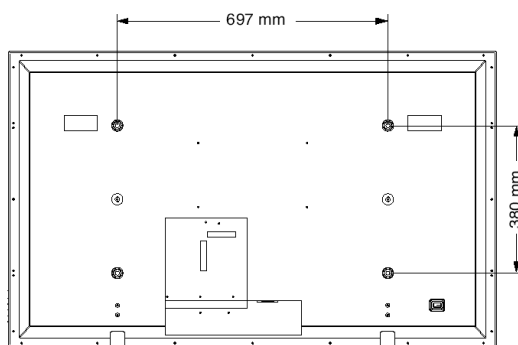- Sleep Mode: 5 Watts Max.

Dimensions
- Dimensions (with base) (W x H x D): 1256 x 810 x 300 mm
- Dimensions (without base) (W x H x D): 1256 x 762 x 107.5 mm
- Weight: 49 kg
- Temperature range (operation): 0°C to 40°C
- Temperature range (storage): -20°C to 60°C
- Relative humidity: 20% - 80%
- Lifetime to 50% brightness: 20000 hr

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

Miscellaneous
- Bezel: Silver

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