

## Wide view for wide ranging possibilities

This large enhanced definition plasma delivers cost-effective video performance perfectly designed for indoor applications. From public areas to private boardrooms, this display presents your message with stunning clarity using advanced digital processing and the latest plasma technology.

### **Convenient Adaptability**

- *Network control simplifies remote management*
- *Multiple PC input formats up to WXGA*
- *Extensive analog and digital connectivity*
- *Quiet and reliable fanless operation*
- *VGA loop-thru provides a cost effective way for multiple screens to share same signal.*
- *Portrait mounting version also available*

### **Outstanding Front of Screen Performance**

- *3D comb filter separates colors producing razor-sharp images*
- *3:2 Pulldown eliminates film artifacts from display content*
- *High brightness and contrast ratio looks great anywhere*
- *Adapts to video source for sharp and stable images*
- *PIP allows watching a second source simultaneously*

### **Lower Cost of Ownership**

- *Long expected panel lifetime of over 60,000 hours*



# PHILIPS

## Commercial Specifications

### Picture/Display

• Panel Size	42" / 106.7 cm
• Aspect ratio	16:9
• Panel resolution	852 x 480
• Pixel pitch	1.095 x 1.110 mm
• Brightness	1100 cd/m <sup>2</sup>
• Contrast ratio	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	3D Combfilter, 3/2-2/2 motion pull down, Motion Adaptive de-interlacing, Picture in Picture

### Supported Display Resolution

Resolution	Refresh Rate
• Computer formats	
1024 x 1024	60 Hz
800 x 600	56, 60, 72, 75, 85 Hz
720 x 400	70 Hz
1024 x 768	60,70,75,85 Hz
640 x 480	60,72,75,85 Hz
1152 x 870	75 Hz
1366 x 768	60 Hz
• Video formats	
480i	60 Hz
480p	60 Hz
1080i	50, 60 Hz
720p	60 Hz

### Connectivity

• PC	DVI-D x1, RS232 D-Sub9, VGA-in D-Sub 15HD, VGA-Out D-Sub 15HD, Component (YPbPr) x2, S-video x1, Composite (CVBS) x1, Audio (L/R) for YPbPr x2
• AV input	Analog Audio Output L/R, Audio Left/Right (RCAx2), Subwoofer Out, Stereo Audio (3.5 mm jack) x1
• Audio Cinch Out	
• Audio input for data	
• Audio input for PC	
• Audio Output	

### Convenience

• Picture in Picture	Double window, Picture in Picture All Inputs, yes
• RS232 controllability	yes
• Convenience Enhancements	On-screen Display English, French, Spanish
• OSD Languages	Power On/Off, Left/Right, Up/Down
• Monitor Controls	Volume control, Source Select, Menu (OK)
• Screen Saving Functions	Full white, pixel shift
• Built-in Audio	Built-in amplifier and 5 Watts RMSx2 stereo speaker
• SRS sound processing	yes
• Regulatory Approvals	FCC-B, UL, CSA, CE Mark,

### Accessories

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

### Power

• Consumption	390 Watts (color bar)
• Power supply	100-240VAC, 50/60Hz
• Sleep Mode	10 Watts Max.

### Product Specifications

• UPC	37849 96118 6
• Dimensions	40.9" x 27.2" x 11.3" (WxHxD) with Base 40.9" x 25.5" x 3.7" (WxHxD) without Base
• Dimensions	68.8 lbs.
• Product Weight	
• Temperature Range (Operation)	0 degree C to +40
• Temperature Range (Storage)	-5 degree C to +45
• Relative Humidity	20% - 80 %
• Lifetime to 50% brightness	60,000 hr

### Miscellaneous

• Bezel	Metallic Anthracite
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### Warranty

- 1 year parts and labor

## Product highlights

### Network Controllability: RS232

Network controllability is system by which IT staff can control and adjust monitors remotely through the RS232 protocol.

### HDTV Signal Compatible

This display is capable of accepting 1080i and 720p HDTV signals via an external HDTV decoder.

### VGA Loop Through

In case more than one screen needs to share the same input signal, VGA loop through offers a cost effective solution in which the VGA input signal is amplified and made available on a VGA output connector which can be connected to the next monitor.

### 3D Comb Filter

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 artifacts that distort your picture viewing when watching film originated content. With these artifacts gone, you will enjoy the film 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 Images, Motion Video, and film-based content) 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.

### 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 analog and digital connectivity.

### Picture In Picture (PIP)

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

### Portrait Mounting Possible

Some public display applications require portrait mounting. This display is also prepared for save and reliable mounting in portrait position.

### Long Expected Panel Lifetime

In public display applications 24/7 operation is often required. Even after 60,000 hours of operation the brightness level of the display will be higher than 50% of the initial value.

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