



Philips  
LCD monitor

76 cm (30")  
WXGA

300WN5VB

## excellent and robust display solution

Excellent and robust, the network-controlled Philips 300WN5 LCD monitor provides a reliable and multi-function solution with Philips leading display technology that guarantees your message gets out to the public crystal clear.

### **Lower total cost of ownership**

- Lifecycle is longer than plasma displays
- Intelligent power management for lower consumption
- Hidden control buttons prevent tampering with settings

### **Less management effort for maximum productivity**

- Brightness automatically adjusts with ambient conditions
- Automatic alert provides advance warning of overheating
- Remote Management and Configuration via RS232

### **Better front of screen experience**

- WXGA, wide format, 1280x768 resolution for sharper display
- Easy plug-and-play DVI for a true digital experience
- Ready to display SDTV, EDTV and HDTV formats
- DCDi™ eliminates combing and jagged edges for a sharp image
- PiP allows watching a second source simultaneously

# PHILIPS

# 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.

## Automatic brightness control

The adjustment of display settings to correspond with ambient light without user intervention.

## Automatic overhear warning

Automatic overhear warning generates an alert and delivers it to the designated system manager when a display device's operating temperature exceeds designated levels.

## Long lifecycle



A longer lifecycle means a lower total cost of ownership and adds up to long-term savings.

## Intelligent power management

Intelligent power management employs energy-efficient technologies in product design to reduce power consumption and significantly lower the total cost of ownership.

## Hidden control buttons

Control buttons placed at the rear of a monitor used for public display to prevent tampering with display settings.

## In-box DVI cable

A DVI cable is shipped with the product to provide high quality digital display.

## WXGA 1280 x 768 resolution

For graphics monitors, the screen resolution signifies the number of dots (pixels) on the entire screen. WXGA provides the resolutions 1280 by 768 pixels. In addition, WXGA allows monitors to be non-interlaced. This ensures a better display performance and accurate color display effect.

## Versatile TV Format Ready

A display device ready to display standard definition television, extended definition television and high definition television signals, which are commonly used by TV systems in the world.

## DCDi de-interlacing

DCDi enhances the quality of all images by eliminating the stair-step jagged edges so often seen on progressive scan displays resulting in natural images with exceptional detail.

## 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: 29.53" / 75cm
- Aspect ratio: 15:9
- LCD panel type: 1280 x 768 pixels, Anti-glare polarizer
- Pixel pitch: 0.5025 x 0.5025 mm
- Optimum resolution: 1280 x 768 @ 60Hz
- Brightness: 600 cd/m<sup>2</sup>
- Display colors: 16.7 M
- Contrast ratio (typical): 800:1
- Response time (typical): 16 ms
- Viewing angle: @ C/R > 10
- Viewing angle (horizontal): 170 degree
- Viewing angle (vertical): 170 degree
- Picture enhancement: Picture in Picture, Progressive scan, De-interlacer
- Horizontal Scanning Frequency: 31 - 49 kHz
- Maximum Resolution: 1280 x 768 @ 60Hz
- Factory Preset Modes: 12 modes
- Refresh Rate (V): 60 Hz
- sRGB
- White Chromaticity, 5300K:  $x = 0.328$  /  $y = 0.344$
- White Chromaticity, 6500K:  $x = 0.313$  /  $y = 0.329$
- White Chromaticity, 9300K:  $x = 0.283$  /  $y = 0.297$

## Connectivity

- PC: D-Sub x1, DVI-D x1, 3.5 mm PC audio input x1, RS232 x1
- AV input: Component (YPbPr) x1, Composite (CVBS) x1, S-video x1, SCART x1, Audio (L/R) for YPbPr x1, Audio (L/R) x1
- AV output: Composite (CVBS) x1, Audio (L/R) x1, 3.5 mm jack (L/R) x1, Ext 3.5 mm jack x1

## Convenience

- Plug & Play Compatibility: sRGB, Windows 98/ME/2000/XP
- User convenience: On-screen Display, Automatic Brightness Control, Automatic Overheat Warning
- Monitor Controls: Left/Right, Menu (OK), Power On/Off, Up/Down, Input select
- Regulatory approvals: CE Mark, FCC-B, UL, CSA,

## NUTEK, Energy Star

- OSD Languages: English, French, German, Italian, Spanish, Simplified Chinese
- VESA Mount: 100 x 100 mm
- Child Protection: Parental Control
- Detachable Audio: 5W RMSx2(80PMPO)Stereo Speaker
- Software: Virtual surrounding sound

## Power

- Power supply: Built-in
- Consumption (On mode): 130W (PC), 150W (video)
- Power LED indicator: Operation - Blue, Stand by/sleep - Amber
- Complies with: Energy Star, NUTEK
- Consumption (Off Mode): < 2 W

## Supported Display Resolution

- Computer formats: 640 x 480, 60Hz, 800 x 600, 60Hz, 1024 x 768, 60Hz, 1280 x 768, 60Hz
- Video formats: 480i, 60Hz, 480p, 60Hz, 576i, 50Hz, 576p, 50Hz, 720p, 50, 60Hz, 1080i, 50, 60Hz

## Dimensions

- Weight: 14 kg
- Temperature range (operation): 5°C to 35°C
- Temperature range (storage): -20°C to 60°C
- Relative humidity: 20% - 80%
- MTBF: 50,000 hrs
- Depth (w/o base & speakers): 115 mm
- Depth (with speakers): 183 mm
- Height (w/o base & speakers): 469.3 mm
- Height (with speakers): 505 mm
- Width (w/o base & speakers): 726.7 mm
- Width (with speakers): 867.7 mm

## Accessories

- Included accessories: AC Power Cord, Remote Control, VGA cable, DVI-D cable
- User Manual
- Optional accessories: Base, Detachable Speakers



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