

CPD-L181A

Large, high-resolution LCD display offers superior image performance and technology in a compact, lightweight, lower power design.



Multiscan L181A Computer Display

- **18.1" XGA TFT active matrix LCD panel with anti-glare coating**
- **Sleek, innovative design** - Lightweight and only 8.2" deep with stand (3.7" without stand)
- **Digital Multiscan technology** - Accurately supports resolutions up to 1280 x 1024 @ 85Hz
- **Digital FlexRes™ technology** - With Sony's exclusive chipset design—delivers a crisp, clear, full-screen image regardless of resolution
- **Auto ImageSet™** - Automatically sets image position, phase and pitch adjustments at the touch of a single button
- **Zero Footprint™ design** - Removable tilt base allows for arm or wall mounting
- **Dual HD15 video inputs** - Allows connection to two computer systems
- **Low power consumption design** - Minimizes your total cost of ownership

Specifications

Multiscan® Computer Display

CPD-L181A

Model	CPD-L181A
LCD Panel	
LCD Type	a-Si TFT Active Matrix
Viewable Image Size	18.1"
Color Filters	RGB Vertical Stripes
Pixel Pitch	.281mm
Screen Treatment	Anti-Glare Hard Coating
Active Display Size	
Horizontal	14.1" (359mm)
Vertical	11.3" (287.2mm)
Video Input	
Max. Resolution	1280 x 1024 @ 85Hz
H. Frequency	30-92kHz
V. Frequency	48-85Hz
LCD Performance	
Native Resolution	1280 x 1024
Luminance	200cd/m ²
Contrast Ratio	300:1
Display Colors	16.77 million
H. Viewing	160°
V. Viewing	160°
Preset Resolutions	
640 x 480 @ 60Hz VGA Graphics	
640 x 480 @ 75Hz EVGA	
640 x 480 @ 85Hz VESA	
800 x 600 @ 60Hz SVGA	
800 x 600 @ 75Hz ESVG	
800 x 600 @ 85Hz VESA	
1024 x 768 @ 60Hz VESA	
1024 x 768 @ 70Hz VESA	
1024 x 768 @ 75Hz EUVGA	
1024 x 768 @ 85Hz VESA	
1280 x 1024 @ 85Hz VESA and others	
Input Signals	
Video Connector	15 pin mini D-sub x 2
Video Signal	RGB Analog, 0.7Vp-p/75ohms
Sync Input	Separate HD/VD (TTL), polarity-free
Sync on Green	0.3 Vp-p, ±10% negative
Preset Timings	
Factory	22
User	20
Dimensions (with stand)	
Width	18.4" (468mm)
Height	16.6" (422mm)
Depth	8.2" (208mm)
	3.7" (90mm) without stand
Weight	19.82 lbs (9kg)
Power	
Input Supply	100-240V, 50/60Hz, AC Adapter
Power Consumption	
Normal (max)	75W
Suspend (max)	5W
Active Off (max)	5W

Regulation and Standard Compliance	
Safety	UL 1950, CSA C22.2 No.950 EN60950
Human Factor	ZH-1/618 ISO 9241-3, 7, 8 (TUV Ergonomic Mark)
CE Mark	EMC Directive (89/336/EEC and 92/31/EEC) Low Voltage Directive (73/23/EEC)
EMI	FCC Class B EN55022-B IC Class B, VCCI Class B
ELF/VLF	MPR II (TUV Ergonomic Mark) TCO '99
Power Management	NUTEK/International Energy Star/Spec 803299
Designed for	Windows® 95, 98, 2000, Windows NT® Macintosh® Compatible
Plug & Play	DDC-1, DDC-2B, DDC-2Bi
Panel Features	
Panel Tilt	0° - 30°
Detachable Stand	Yes
Wall/Arm Mountable	Yes (VESA Compliant)
Swivel	±45°
User Controls	
On/Off	
Contrast	
Brightness	
Auto Adjustment	
Input 1/2	
Menu	
Advanced Controls	
Auto ImageSet	Center/Phase/Pitch
Color Temp.	9300K/6500K/5000K User adjustable
Zoom	Real and Expanded - 2 modes
Control Lock	Yes
Digital Smoothing	Yes (Standard, Text, Graphics)
OSD Controls	
Phase	
Pitch	
Zoom	
H/V Positioning	
Power Saving Delay	
Color Temperature	
Multi-Language (6 languages)	
Control Lock	
Factory Preset	
OSD Position	
Backlight Control	
Reset	
Environment	
Operating Temp.	41° to 95° F (5° to 40° C)
Storage Temp.	-4° to 140° F (-20° to 60° C)
Operating Humidity	10% to 80% (Non-Condensing)
Limited Warranty	
3 years Parts and Labor, 1 year Backlight	

The Multiscan L181A—with its spacious 18.1" LCD panel—has everything users want in a large CRT-type display, without the footprint. Its TFT active matrix LCD screen delivers incredibly sharp images with an extremely wide viewing angle. ...all in an elegant, lightweight design.

Using Digital Multiscan and Digital FlexRes™ technologies, the CPD-L181A will produce crisp, clear, full-screen images in a variety of resolutions—up to 1280 x 1024 at 85 Hz—without the jagged appearance common when using an LCD panel outside its native resolution. These unique Sony technologies give the L181A a greater level of flexibility on the desktop.

Just over 8" deep and under 20 lbs., the CPD-L181A requires a fraction of the desk space normally associated with 18.1 inches of viewable image. And, if more room is required, the display's tilt base can be removed easily for arm or wall mounting.

The CPD-L181A is also easy to configure. Using the Auto ImageSet feature, set image position, phase and pitch with the touch of a single button, saving time and letting users quickly take advantage of all this unique display has to offer.

SONY

Sony Electronics Inc.
3300 Zanker Road, San Jose, California 95134
For more information: 1.800.352.SONY
Web address: <http://www.sony.com/displays>

Computer Interface: The computer industry lacks standards, and therefore, there are a multitude of varying software packages and add-on hardware options. This display is not manufactured to any specific software, and Sony does not and cannot make any warranty or representation with respect to the performance of this product with any particular software packages and/or non-Sony add-on hardware option except those mentioned in this document. Sony hereby disclaims any representations or warranty that this product is compatible with any combination of non-Sony products you may choose to connect. While Sony representatives or Sony authorized dealers may be able to assist you and may make recommendations, they are NOT authorized to vary or waive this disclaimer. Purchasers must determine for themselves the suitability and compatibility of the hardware and software in each and every particular instance.

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This monitor is Energy Star Compliant when used with a computer equipped with VESA Display Power Management Signaling (DPMS). As an International Energy Star Partner, Sony Corporation has determined that this product meets the International Energy Star Program for energy efficiency. The Energy Star emblem does not represent EPA endorsement of any product or service. Screen image is simulated.

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Designed for

