

Multiscan® Computer Display CPD-520GS

SONY



Large screen Trinitron® display at an affordable price...Superior image performance and reliability for users that require extra screen space

Multiscan 520GS Computer Display

- **21" (19.8" viewable image size) Trinitron CRT With Short Neck Design**
- **Reduced Geometric Distortion And Glare** - Flatter CRT design is up to 50% flatter than conventional CRT's
- **Super Fine Aperture Grille Pitch For Clear Images** - 0.25-0.27mm variable
- **Bright Picture, Sharp Images From Corner To Corner** – Enhanced Elliptical Correction System™ technology
- **Digital Multiscan® Technology** – Horizontal scan rate of 30-96kHz provides accurate resolutions up to 1600 x 1200 @ 75Hz
- **Stable, Consistent Color And Images** – Sony's GeoLock™ circuitry provides improved color and brightness uniformity
- **Easy To Navigate On-Screen Display** – Intuitive keypad design allows for quick adjustments of the digital controls
- **Instant Sizing And Centering Of Image** - Active Signal Correction (ASC™) circuitry provides easy image adjustment at the touch of a single button
- **Reduced Cabinet Depth Design** – Short-neck CRT design allows for overall shorter depth of display on desktop
- **Comprehensive Digital OSD** – Six languages with features such as image zoom, color, temperature selection, control lock, landing correction and information screen
- **Connect To Two Computers At One Time** – Dual input control for mini D-sub and 5 BNC connectors
- **Easy Trouble-Shooting And Set-up** - Built-in self-diagnostic function
- **Designed For Windows NT® And Windows® 98**
- **Macintosh® Compatible**
- **International Energy Star Compliant**
- **MPR II Approved**
- **TCO 95 Compliant**

SPECIFICATIONS

Model

CPD-520GS

CRT

21", 50% flatter Trinitron CRT with short neck design
90° deflection Yoke

Viewable Image Size

19.8" measured diagonally

Aperture Grille Pitch

0.25-0.27mm (variable)

Horizontal Scan Range

30-96kHz

Vertical Scan Range

48-160Hz

Maximum Resolution

1600 x 1200 @ 75Hz

Preset Resolutions (27 modes)

640 x 480 @ 60Hz VGA Graphics
640 x 480 @ 85Hz VESA
800 x 600 @ 85Hz VESA
832 x 624 @ 75Hz Macintosh 16"
1024 x 768 @ 75Hz Macintosh 19"
1024 x 768 @ 85Hz VESA
1152 x 864 @ 75Hz VESA
1152 x 870 @ 75Hz Macintosh 2-page
1280 x 1024 @ 75Hz VESA
1280 x 1024 @ 85Hz VESA
1600 x 1200 @ 75Hz VESA
and others

Color Temperature Presets

5000 Kelvin
6500 Kelvin
9300 Kelvin
3 User-Adjustable Settings (GAIN Control)

Signal Inputs

Analog RGB
0.7Vp-p, 75ohm Termination

External Sync Signals

Separate/Composite 1-5Vp-p, polarity-free TTL
Sync on Green: 0.3Vp-p, negative

Input Connectors

15-mini D-sub and 5 BNC connectors

Power Requirements

100-240V AC; 50-60Hz

Power Management

International Energy Star, NUTEK, and VESA
DPMS Compliant

Operation: 160 watts (maximum)

Suspend: 15 watts (maximum)

Active Off: 5 watts (maximum)

Power Off: 1 watt

Dimensions (WxHxD)

19.6" x 19.9" x 18.7"

Weight

68.3 lbs

Operating Temperature

50°F-104°F (10°C-40°C)

Operating Humidity

10%-80% (Non-Condensing)

Regulation Compliance

Safety: UL 1950
CSA 22.2 No. 950
EN60950 (TUV, GS mark)
NEMKO, SEMKO, EI, DEMKO
Emission/EMI: FCC Class B
IC Class B
MPR II TUV (full compliance)
TCO 95

X-ray:

DHHS
DNHW
PTB

Ergonomics: ZH1/618, ISO9241-3, 8

Designed for: Microsoft Windows NT
Windows 98
Macintosh Compatible

Plug & Play: DDC-1, DDC-2AB

Front Panel Digital Controls

Power On/Off
Active Signal Correction (ASC™)
Reset
Brightness
Contrast
Input Switching Button
On-Screen Display (OSD)
Horizontal Size and Centering
Vertical Size and Centering
Zoom
Raster Rotation
Pincushion
Pin Balance
Keystone
Key Balance
Color Temperature
Landing Correction (4 Corners)
Moiré Cancellation
Manual Degauss
H/V OSD Position
Control Lock
Multi Language Select (6 languages)

Supplied Accessories

Detachable Tilt Base/Wide Angle Swivel
(±90°) Stand
Video Signal Cable (15-pin mini D-sub)
AC Power Cord
Macintosh Adapter
Windows 95 inf. Diskette

Limited Warranty

3 Years - Parts, Labor and CRT

Multiscan Computer Display CPD-520GS

The Multiscan 520GS is a full-featured 21" display (19.8" viewable) without a full-featured price. Using Sony's flatter short-neck CRT design, the 520GS is perfect for the corporate professional who needs the added screen size to accomplish their goals. Sony's critically acclaimed Enhanced Elliptical Correction System™ provides the color and focus accuracy our users have come to demand - even in the corners of the screen. With a horizontal scan rate up to 96kHz, resolutions as high as 1600 x 1200 @ 75Hz are possible. Digital Multiscan® and Active Signal Correction (ASC™) technologies allow for easy set up regardless of the input signal, resolution or platform. The comprehensive digital controls allow for precise manual adjustment of the image to fit individual user preferences. Even though the digital controls of this display are extensive, it is very easy to quickly adjust the display with Sony's simple cross-hatch keypad design. Sony has thought of every detail in designing this display, including our GeoLock™ circuitry. This feature will automatically sense and neutralize electromagnetic fields that can cause image or color distortion, which is commonly noticeable on large screen displays. The CPD-520GS is designed for Windows NT and Windows 98, is Macintosh compatible and meets or exceeds all of the industry safety standards, including TCO 95 compliance.



SONY

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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.

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Designed for

