Multiscan® Computer Display

CPD-G500

SONY

Large-screen FD Trinitron® CRT delivers superior image performance and reliability
for demanding corporate users that require extra screen space

Multiscan G500 Computer Display

- **21" (19.8" VIS) FD Trinitron CRT** – Virtually-flat, high-resolution screen delivers outstanding image quality with reduced glare

- **0.24mm Aperture Grille pitch** – Sets new standard in image clarity and precision

- **Digital Multiscan technology** – Supports resolutions up to 2048 x 1536 @ 75Hz

- **High-contrast black screen coating** – Produces superior contrast and grayscale performance

- **HiDensity™ Electron Gun with Enhanced Elliptical Correction System™** – For consistent, accurate focus across the screen, even in the corners

- **Display Mouse™ OSD menu control** – Simplifies monitor set-up, troubleshooting and adjustment

- **Accurate Image Restoration** – Resets display to original factory brightness and contrast settings

FD Trinitron
The definition *of* definition.

Model
CPD-G500

CRT
21" FD Trinitron® with HiDensity™ Electron Gun

Viewable Image Size
19.8"

Aperture Grille Pitch
0.24mm

Screen Treatment
High Contrast AR Coating

Horizontal Scan Range
30-121kHz

Vertical Scan Range
48-160Hz

Maximum Resolution
2048 x 1536 @ 75Hz

Recommended Resolution
1600 x 1200 @ 85Hz

Factory Preset Resolutions
Timing Data Table (TDT) - 28 modes
User-Adjustable - 15 settings

Color Temperature Presets
5000 Kelvin
6500 Kelvin
9300 Kelvin
User-adjustable
sRGB
RGB Gain/Bias

Signal Inputs
Analog RGB
0.7Vp-p, 75ohm typical

External Sync Signals
Separate/Composite 1-5Vp-p, polarity-free TTL
Sync on green 0.3V p-p±10%, negative

Input Connectors
15 pin mini D-sub and
5 pin BNC

Power Requirements
90-264V AC; 50-60Hz

Power Management
International Energy Star, NUTEK, and VESA
DPMS Compliant, TCO'99
Operation: <145 watts
Suspend: <15 watts
Active Off: <1 watt (approx.)
Power Off: 0 watt

Dimensions (WxHxD)
19.6" x 18.9" x 18.8"

Weight
70.5 lbs

Operating Temperature
50°F-104°F (10°C-40°C)

Operating Humidity
10%-80% (Non-Condensing)

Regulation and Standard Compliance
Safety: UL 1950
                    CSA 22.2 No. 950
                    EN60950 (TUV, GS mark)
Emission/EMI: FCC Class B
                    IC Class B
                    EN55022
ELF/VLF: MPR II TUV (full compliance)
                    TCO '99
X-ray: DHHS
                    DNHW
Ergonomics: ISO9241-3, -7, -8
                    TCO '99
Designed for: PC99, Windows® 95, 98,
                    2000, Windows NT®
                    Macintosh® Compatible
Plug & Play: DDC-1, DDC-2B, DDC-2Bi
                    DMI Compliant
VESA: Generalized Timing Formula (GTF)

Front Panel Digital Controls
Power On/Off
Reset
Slider Input Selector
DisplayMouse™ Control
On-Screen Display (OSD)
                    Brightness
                    Contrast
                    Active Signal Correction
                    H/V Size and Centering
                    Zoom
                    Raster Rotation
                    Pincushion
                    Pin Balance
                    sRGB
                    Keystone
                    Key Balance
                    Color Temperature
                    H/V Convergence
                    Top/Bottom V Convergence
                    4 Corners Landing
                    Moiré Adjust
                    Moiré Cancel (On/Off)
                    Manual Degauss
                    H/V OSD Position
                    Image Restoration
                    Control Lock
                    Multi-Language Select (9 languages)

Supplied Accessories
AC Power Cord
HD15-HD15 Cable
INF Diskette
Mac Adapter
User's Manual

Limited Warranty
3 Years - Parts, Labor and CRT

The Multiscan G500 21" (19.8" viewable) display is ideal for the demanding corporate professional who requires extra screen space and exceptional image performance, without sacrificing value or reliability. The CPD-G500's spacious screen is perfect for everything from spreadsheets to finely detailed graphic presentations.

The virtually flat, high-resolution FD Trinitron® CRT—with a 0.24 mm aperture grille pitch—delivers superior image clarity and truer, brighter colors. And, with Sony's HiDensity™ Electron Gun with Enhanced Elliptical Correction System™ technology, the display's clarity and color are consistent from corner to corner.

To provide superior contrast and grayscale performance, the CPD-G500 screen features a high-contrast black coating. This coating, coupled with the display's vertically flat screen, also helps cut glare and washout caused by ambient light. And that reduces eyestrain.

Sony's DisplayMouse™ menu control makes this premier corporate display one of the easiest to set up, adjust and troubleshoot. Users can quickly take advantage of everything the CPD-G500 has to offer. Finally, Accurate Image Restoration ensures this Trinitron display continues to deliver superior image quality for years to come, maximizing technology investments.

SONY

Designed for
Microsoft®
Windows®98