

Multiscan® Computer Display

CPD-E500

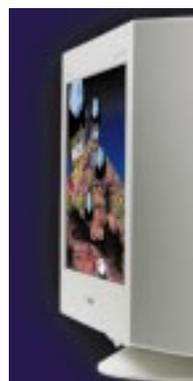
SONY

Large-screen FD Trinitron® CRT delivers superior image performance and reliability—affordability without compromise for users that require extra screen space



Multiscan E500 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 @ 60Hz
- **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



FD Trinitron
The definition of definition.

Model
CPD-E500

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
30-109kHz

Vertical Scan Range
48-160Hz

Maximum Resolution
2048 x 1536 @ 65Hz

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 Connector
Captive 15 pin mini D-sub

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

Power Management
International Energy Star, NUTEK, and VESA
DPMS Compliant
Operation: <145 watts
Suspend: <15 watts
Active Off: <1 watt
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)

X-ray: DHHS
DNHW

Ergonomics: ISO9241-3, -7, -8

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
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
Control Lock
Multi-Language Select (9 languages)

Supplied Accessories

AC Power Cord
INF Diskette
Mac Adapter
User's Manual

Limited Warranty

3 Years - Parts, Labor and CRT

The Multiscan E500 is ideal for the home or the office requiring exceptional image performance, without sacrificing value or reliability. It's perfect for everything from spreadsheets to finely detailed graphic presentations to browsing the Internet and gaming.

The virtually flat, high-resolution FD Trinitron® CRT combined with a 0.24 mm aperture grille pitch and precise, convenient on-screen digital controls, allow the CPD-E500 to perform at a level that will set a new benchmark for your expectations of clarity and color.

To provide superior contrast and grayscale performance, the CPD-E500 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 SOHO display one of the easiest to set up, adjust and—in the unlikely event that there's a problem—troubleshoot. Users can quickly take advantage of everything the CPD-E500 has to offer.

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. Screen images are simulated.

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