

SONY

Multiscan® Computer Display GDM-400PS

GDM-400PS

- 19.0" Trinitron® CRT (18.0" viewable image size) with Sony's Enhanced Elliptical Correction System™ technology
- New Flatter CRT Design
- Super Fine Pitch™ 0.25-0.27mm Variable Aperture Grille
- Vertically flat short-neck CRT design
- Compact, redesigned cabinet features reduced depth with detachable tilt-swivel base
- Digital Multiscan Technology supports multiple PC and Mac resolutions up to 1600 x 1200 @ 75Hz
- Active Signal Correction™ (ASC) circuitry for automatic screen sizing and centering
- Dual inputs—15 pin D-sub and 5 BNC
- High-performance AR film coating
- Advanced, on-screen digital controls
- Zero-watt power off switch
- Built-in self-diagnosis function
- Designed for Windows NT® and Windows® 95
- Macintosh® compatible
- International Energy Star compliant
- TCO 95
- MPR II approved

A new level of image performance for the demanding graphics professional



Multiscan® Computer Display GDM-400PS



The Sony GDM-400PS provides the demanding graphics professional, desktop publisher and CAD professional a new level of image clarity and consistency. By incorporating Sony's legendary Trinitron technology, now with a new flatter CRT and Sony's Enhanced Elliptical Correction System™ technology, image performance is the hallmark of this display. Dual inputs and higher scan rates make the GDM-400PS one of the most flexible 19" displays in its class. Advanced, on-screen digital controls provide precise fine tune adjustment capability. Active Signal Correction circuitry allows easy and automatic sizing and centering of the screen image. Sony's new compact cabinet design and short-neck CRT technology allows for a small footprint not normally found on larger CRT displays. The GDM-400PS is designed for Windows NT® and Windows® 95, meets TCO 92, MPR II, International Energy Star standards, and has a zero-watt power off switch for greater energy savings.

SPECIFICATIONS

CRT

19" New Flatter Trinitron CRT with
Short-neck CRT Design
90° deflection

Viewable Image Size

18.0" measured diagonally

Aperture Grille Pitch

0.25-0.27mm (variable)

Horizontal Scan Range

30-94kHz

Vertical Scan Range

48-160Hz

Maximum Resolution

1600 x 1200 @ 75Hz

Preset Resolutions (26 modes)

640 x 480 @ 60Hz VGA Graphics
640 x 480 @ 85Hz VESA
800 x 600 @ 85Hz VESA
832x 624 @ 75Hz Macintosh 16"
1024x 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 (BIAS/GAIN control)

Signal Inputs

Analog RGB
0.7Vp-p, 75 ohm 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
5BNC connector

Power Requirements

100-240V AC; 50-60Hz

Power Management

International Energy Star, NUTEK, and VESA
DPMS compliant
Operation: 120 watts (maximum)
Suspend: 15 watts (maximum)
Active off: 5 watts (maximum)

Dimensions (WxHxD)

17.5" x 18.4" x 17.9"

Weight

55.1 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)
SEMKO, NEMKO, EI, DEMKO
Emission/EMI: FCC Class B
IC Class B
MPR II TUV (full compliance)
CISPR22B
TCO '92
X-ray: DHHS
DNHW
PTB
Ergonomics: ZH1/618, ISO9241-3, 8
Designed for: Microsoft® Windows NT®
Windows® 95
Macintosh Compatible
Plug and Play: DDC-1, DDC-2AB, DC-2B, DDC-B+

Front Panel Digital Controls

Power On/Off
Active Signal Correction™ (ASC)
Reset
Brightness
Contrast
On Screen Display (OSD)
Horizontal Size and Centering
Vertical Size and Centering
Zoom
Raster Rotation
Pincushion Distortion Correction
Pin Balance
Keystone

Front Panel Digital Controls (continued)

Key Balance
Color Temperature
Horizontal and Vertical Static Convergence
Top and Bottom Vertical Convergence
Landing Correction (4 Corners)
Moiré Cancellation
Manual Degauss
H/V OSD Position
Control Lock
Multi Language Select
Input Switching button on the Front

Supplies Accessories

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

Optional Accessories

Light Source COLORTRON™ II Calibration System

Limit Warranty

3 years Parts, Labor and CRT

SONY®

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Designed for



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. Simulated graphic shown on display.

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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.