

GDM-FW900

Multiscan® FW900 Computer Display

SONY



Advanced FD Trinitron®

technology delivers

superior image quality

in a virtually flat

wide-screen format.

Fits into any décor with

its stylish, contemporary

design in metallic silver

and dark gray.

- 24" Wide aspect display – Boasts more than 21% screen real estate (22.5" viewable image size) than 21" displays, in nearly the same footprint. The panoramic 16:10 aspect ratio provides enough horizontal space to display two pages side by side.
- FD Trinitron® technology– Utilizes Sony's flattest Trinitron display to minimize geometric distortion and reduce reflective glare that can cause eyestrain. The 0.23mm (minimum) aperture grille pitch sets a new standard in image clarity and precision.
- Digital Multiscan™ technology– Supports resolutions up to 2304 x 1440 @ 80Hz
- HiDensity™ Electron Gun with Enhanced Elliptical Correction System™ – Ensures consistent, accurate focus across the entire screen— even in the corners.
- High-Contrast black screen coating– Produces superior contrast with outstanding grayscale performance.
- DisplayMouse™ OSD menu control– Provides precise, digital control over critical monitor settings and image adjustments.
- Accurate Image Restoration– Resets display to original factory brightness and contrast settings.
- Active Signal Correction (ASC™) circuitry– Instantly sizes and centers the screen image with the touch of a button.
- USB hub– Housed in the base, rotates 270° to offer easy "plug-and-play" connectivity with other peripherals.



FD Trinitron

GDM-FW900

Multiscan® FW900 Computer Display

SPECIFICATIONS

| | |
|----------------------------------|---|
| Model | GDM-FW900 |
| Color | Metallic Silver/ Dark Gray |
| CRT | Super Fine Pitch 24" Wide FD Trinitron |
| Active Display Size | |
| Diagonal | 22.5" |
| Horizontal | 18.98" |
| Vertical | 12.13" |
| Aperture Grille Pitch | |
| 0.23mm – 0.27mm Variable | |
| Screen Treatment | High Contrast AR Coating |
| Horizontal Scan Range | 30kHz – 121kHz |
| Vertical Scan Range | 48Hz – 160Hz |
| Maximum Resolution | 2304 x 1440 @ 80Hz |
| Recommended Resolution | 1920 x 1200 @ 85Hz |
| Preset Resolutions | |
| 640 x 480 @ 60Hz VGA | |
| 720 x 400 @ 70Hz VGA Text | |
| 800 x 600 @ 75Hz ES VGA | |
| 1024 x 768 @ 85Hz VESA | |
| 1152 x 864 @ 85Hz VESA | |
| 1280 x 1024 @ 85Hz VESA | |
| 1600 x 1024 @ 60Hz VESA | |
| 1600 x 1024 @ 75Hz VESA | |
| 1600 x 1024 @ 85Hz VESA | |
| 1600 x 1200 @ 85Hz VESA | |
| 1920 x 1080 @ 60Hz VESA | |
| 1920 x 1080 @ 72Hz Macintosh® G4 | |
| 1920 x 1080 @ 75Hz VESA | |
| 1920 x 1080 @ 85Hz VESA | |
| 1920 x 1200 @ 60Hz VESA | |
| 1920 x 1200 @ 75Hz VESA | |
| 1920 x 1200 @ 85Hz VESA | |
| 2048 x 1280 @ 60Hz VESA | |
| 2048 x 1280 @ 75Hz VESA | |

| | |
|--------------------------------|-----------------------------------|
| Preset Resolutions (Continued) | |
| 2048 x 1280 @ 85Hz VESA | |
| 2048 x 1536 @ 75Hz VESA | |
| 2304 x 1440 @ 60Hz VESA | |
| 2304 x 1440 @ 75Hz VESA | |
| 2304 x 1440 @ 80Hz VESA | |
| 1600 x 1024 @ 76Hz W900 | |
| 1920 x 1080 @ 72Hz GWM-3000 | |
| Preset Timings | |
| Factory | 25 |
| User | 10 |
| Color Temperature Presets | |
| 5000 Kelvin | |
| 6500 Kelvin | |
| 9300 Kelvin | |
| sRGB | |
| 5000K – 11000 Linear Control | |
| Variable RGB Gain/Bias | |
| Signal Inputs | |
| Video Input | Analog RGB |
| | 75 ohms (typical) |
| | 0.7 Vp-p ± 5%, positive |
| Sync Input | Separate HS/DV, TTL Polarity Free |
| | External coposite, TTL Polarity |
| | Free (2K ohms impedance) |
| Sync on Green | 0.3 Vpp ± 10%, |
| | Negative |
| Input Connectors | |
| 15-pin mini D-sub | |
| 5- BNC | |
| Dimensions | |
| 22.5" x 19.7" x 20.6" | |
| Weight | |
| 92.6 lbs. | |
| Power Requirements | |
| 90-264 V AC: 50/60 Hz | |
| Power Management | |
| Operation: | 170 watts (max.) |
| Suspend: | 15 watts (max.) |
| Active Off: | < 1 watt (max.) |
| Power Off: | 0 watt |
| Operating Temperature | |
| 10 to 40° C | |
| Operating Humidity | |
| 10 to 80% (non-condensing) | |

| | |
|------------------------------------|-----------------------------|
| Regulation and Standard Compliance | |
| Safety | UL 1950, cUL CSA 950, CE |
| | TUV GS mark EN 60950, |
| | SEMKO, NEMKO, DEMKO, |
| | FIMKO |
| Emissions/EMI | FCC Class B, IC Class B, CE |
| | Mark, TCO'99 |
| X-Ray | DHHS, DNHW |
| Human Factor | TUV GS mark, TUV Ergonomie, |
| | TCO'99 |
| Plug and Play | DDC 1/2B/2Bi |
| Front Panel Digital Controls | |
| Power Switch | |
| Control Button | |
| Input Selector | |
| Auto Size and Centering Button | |
| Reset Button | |
| On-Screen Display Controls | |
| Brightness | |
| Contrast | |
| H/V Size and Centering | |
| Geometry | |
| Convergence | |
| Screen | |
| Option | |
| Color Temperature | |
| Language | |
| Reset | |
| Supplied Accessories | |
| AC Power Cord | |
| HD15-HD15 Cable | |
| Macintosh® Adapter | |
| User's Manual | |
| Limited Warranty | |
| Parts, Labor and CRT | 3 Years |

Designed for



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.

©2000 Sony Electronics Inc. All rights reserved. Reproduction in whole or in part without written permission is prohibited. Sony, the Sony logo, Trinitron, Multiscan, Decor®, ASC, and DisplayMouse are trademarks of Sony. Microsoft, the Windows Logo and Windows are registered trademarks of Microsoft Corporation. Mac and Macintosh are trademarks of Apple Inc. Features and specifications are subject to change without notice. Non-metric weights and measurements are approximate.

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.

D202
Printed in U.S.A. 06/00

Sony's Widest FD Trinitron® Display

The Sony FD Trinitron Wide Aspect Display meets the exacting demands of graphic artists, CAD/CAM engineers, animators and other professional users who require extraordinarily accurate colors and crystal-clear images. This extra-wide 24" display offers an incredible 22.5" viewable image size in a monitor that requires about the same desktop space as most 21" class models. It's ideal for viewing double-page layouts. Plus its virtually flat screen surface provides more true-to-life images, so lines actually appear straighter and circles look round. Contemporary styling in shades of metallic silver and dark gray will appeal to your refined design sensibilities.

USB Hub

The FW900 includes its own USB hub to make connecting your USB devices even faster and easier. Rather

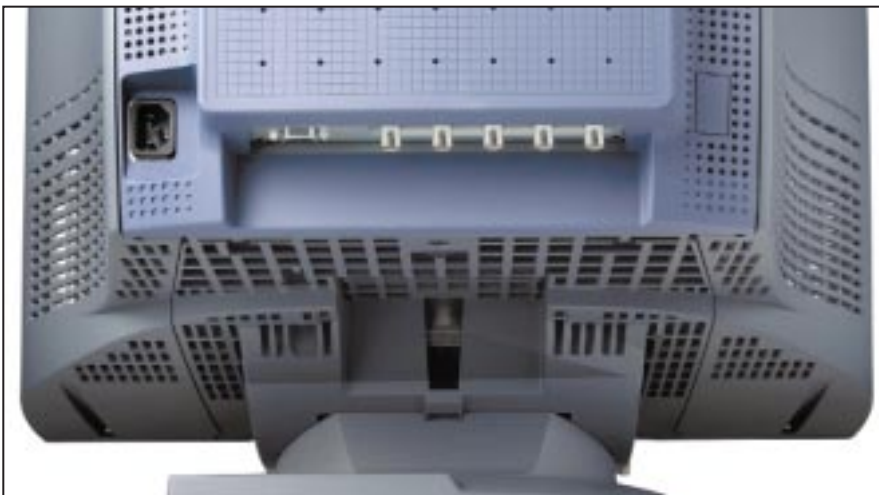


than fumbling in the back of your computer looking for an available USB port, simply plug your peripheral directly into the monitor's base. Now that's true plug and play!



Smart Cable Design

The video input connectors on the FW900 Wide Aspect Display sport a unique vertical design. This saves on precious desktop space by allowing the cable plugs to lie flush against the back of the display rather than sticking out.



21% More Work Space

Biggest 24"

Bigger 21"

Big 19"



Extra-wide Screen

The Multiscan® FW900 Wide Aspect Display is perfect for graphic designers, architects, photographers, engineers and other professionals who need as much screen space as possible. Its panoramic 16:10 aspect ratio means you can easily view double-page layouts with room to spare. Or see your entire design at once...without scrolling! Plus there's room to open more menus, toolbars and applications. Just imagine how much more efficiently you'll be able to work.



Control Panel

Tucked inconspicuously under the front bezel, the control panel on the Multiscan® FW900 Wide Aspect Display neatly conceals the menu buttons. Inside you'll find easy-to-use controls for the Input, DisplayMouse and Automatic Signal Correction (ASC) functions.



FD Trinitron