

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

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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 composite, 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

Microsoft®
Windows®98



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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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

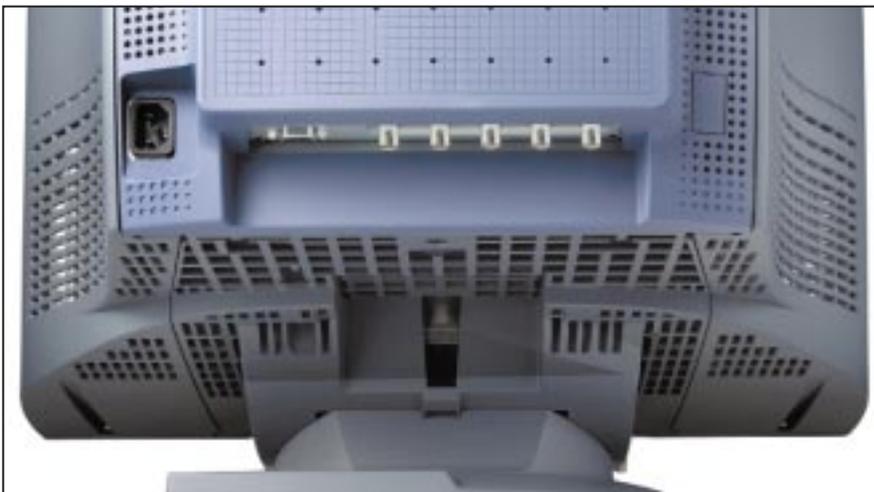


than fumbling in the back of your computer looking for an available USB port, simply plug your peripheral directly into the monitor's base. Now that's true plug and play!



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.

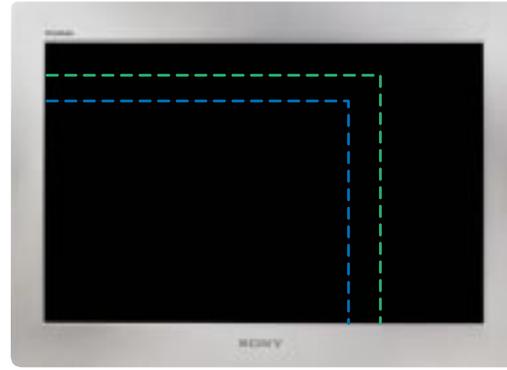


21% More Work Space

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