GDM-FW900
Multiscan® FW900 Computer Display

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 ESVGA
- 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 Vp-p ± 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'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.
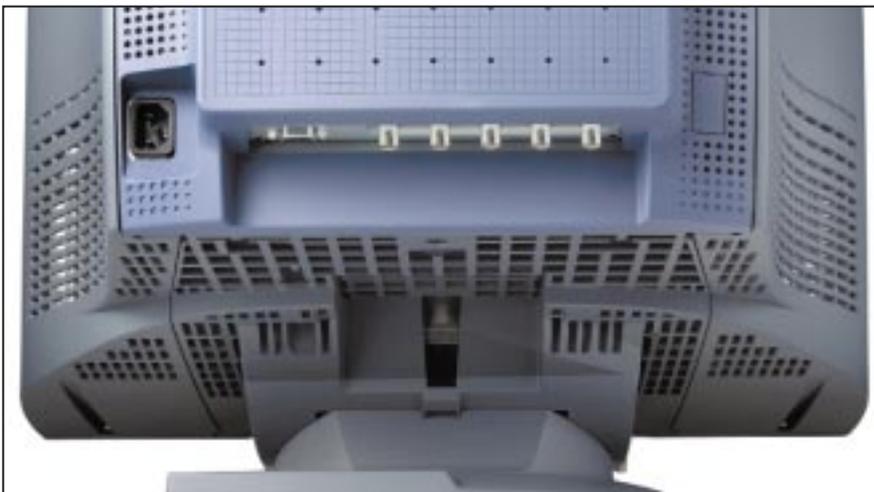
21% More Work Space

Biggest 24"

Bigger 21"

Big 19"
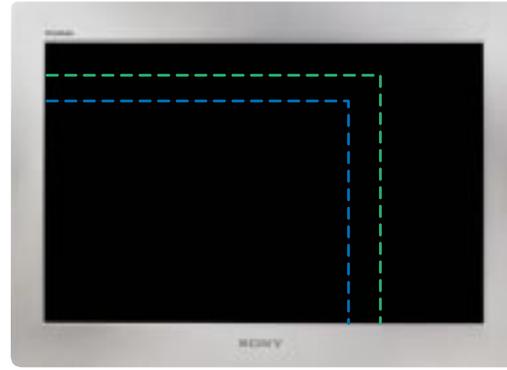
Extra-wide Screen

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.

Closed

Open

FD Trinitron