

GDM-F520

Multiscan® F520 Computer Display

SONY



The visually flat, high resolution Trinitron® CRT combined with .22mm aperture grille sets a new level of performance with superb image clarity and brighter colors making it perfect for detailed graphic design work.

- *21" (19.8" VIS) Flat Trinitron CRT* - Virtually flat, high-resolution screen delivers exceptional image performance with reduced glare.
- *Digital Multiscan® technology* - Supports multiple PC and Mac resolutions up to 2048 x 1536.
- *Tightest aperture grille available* - 0.22mm pitch across the entire screen.
- *4 Port USB hub* - Simple and functional. Housed in the cabinet for easy connection of peripherals.
- *Picture effect* - Boosts image luminance to optimize performance for graphics and video applications.
- *Dual Inputs* - HD15 and BNC connectors support the use of two computers.



Flat Trinitron CRT
The definition of definition™

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Smart Cable™ Design



- Eases cable connections.
- Allows unit to be flush to wall.
- Dual Input HD15 and BNC connectors

Display Mouse™ Controls



- Easy access to controls.
- Simple clean design.

4 Port USB Hub



- Easy connection of peripherals

Model	GDM-F520
Color	Dark Gray and Metallic Silver
CRT	Super Fine Pitch 21" Flat Trinitron

Viewable Image Size	19.8"
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Aperture Grille Pitch	0.22 mm
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Screen Treatment	High Contrast AR Coating
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Horizontal Scan	30kHz - 137kHz
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Vertical Refresh	48Hz - 170Hz
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Maximum Resolution	2048 x 1536
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Recommend Resolutions	1920 x 1440 @ 85Hz, 1800 x 1440 @ 85Hz 1600 x 1200 @ 85Hz
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Factory Preset Timings	Timing Data Table (TDT) - 27 modes User Adjustable - 15 Settings
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Color Temperature Presets	5000, 6500, 9300 (default) Kelvin 5000K~11000K adjustable, sRGB Mode Variable RGB Gain and Bias control
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Video Signal Inputs	Video Input Analog RGB 0.7 Vp-p ± 5%, Positive, 75 ohms (typ) Sync Input Separate HD/VD or Ext. Composite Logic Level "1" 2.4 - 5.5V Logic Level "0" 0.0 - 0.5V Polarity free, 2.2k ohms Sync on Grn 0.3 Vp-p ± 10%, Negative
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Input Connectors (Dual)	D-sub HD15 5 BNC connectors
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Display Dimensions (HxWxD)	19.6" x 19.6" x 19.2"
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Display Weight	67.4 lbs
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Power Requirements	90-264V AC, 50/60 Hz
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Power Management:	Normal Operation 145 W max. Active Off 3 W max. Power Off Approx. 0 W
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Operating Conditions	Temperature: 50° to 104° F (10° to 40° C) Relative Humidity: 10% to 80% (Non-Condensing)
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Shipping Conditions	Temperature: -40° to 140° F (-40° to 60° C) Relative Humidity: 5% to 95% (Non-Condensing)
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Regulation and Standard Compliance

Safety Regulations	UL1950, cUL DHHS, DNHW TUV GS
Emissions/EMI	FCC Class B, IC Class B TCO 99
Others	TUV Ergonomie
Power Management Designed for	International Energy Star PC99, Windows® 95, 98, 2000 Windows NT®, Macintosh® Compatible DDC-2B, DDC-2Bi
Plug and Play	

Tilt / Swivel	Tilt Range -5° to +15° Swivel Range ± 90°
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Front Panel User Controls	Power Switch On/Off Menu Button Enter / Exit On Screen Display Control Button Navigate OSD and adj Contrast Picture Effect Button Professional/Standard/Dynamic Input Selector 1 or 2
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On Screen Display Controls	Contrast / Brightness Contrast, Brightness Size / Center Auto Size and Centering H Center, H Size V Center, V Size Geometry Raster Rotation Pincushion, Pin Balance Key Stone, Key Balance Convergence H & V Convergence V Top & V Bottom Conv. Screen Degauss, Moiré Adjust Landing Adjust Color Preset 5000K / 6500K / 9300K Color Adjust 5000K ~ 11000K adjustable RGB Gain and Bias Control sRGB Mode, Image Restoration Option Control Lock, OSD Position Color Mode Select OSD Language (Eng., Fre., Ger., Spa., Ita., Dut., Swe., Rus., Jap.) Reset Mode Reset, All Reset
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Supplied Accessories	AC Power Cord HD15 - HD15 Video Signal Cable User's Manual [English, French, Spanish, Chinese (simplified)] USB Cable Mac Adapter Warranty Card
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Limited Warranty	Parts, CRT and Labor: 3 years
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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.