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

Windows 2000 Professional

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

Viewable Image Size
19.8"

Aperture Grille Pitch
0.22 mm

Screen Treatment
High Contrast AR Coating

Horizontal Scan
30kHz - 137kHz

Vertical Refresh
48Hz - 170Hz

Maximum Resolution
2048 x 1536

Recommend Resolutions
1920 x 1440 @ 85Hz, 1800 x 1440 @ 85Hz
1600 x 1200 @ 85Hz

Factory Preset Timings
Timing Data Table (TDT) - 27 modes
User Adjustable - 15 Settings

Color Temperature Presets
5000, 6500, 9300 (default) Kelvin
5000K~11000K adjustable, sRGB Mode
Variable RGB Gain and Bias control

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

Input Connectors (Dual)
D-sub HD15
5 BNC connectors

Display Dimensions (HxWxD)
19.6" x 19.6" x 19.2"

Display Weight
67.4 lbs

Power Requirements
90-264V AC, 50/60 Hz

Power Management:
Normal Operation	145 W max.
Active Off	3 W max.
Power Off	Approx. 0 W

Operating Conditions
Temperature:	50° to 104° F (10° to 40° C)
Relative Humidity:	10% to 80% (Non-Condensing)

Shipping Conditions
Temperature:	-40° to 140°F (-40° to 60°C)
Relative Humidity:	5% to 95% (Non-Condensing)

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	International Energy Star
Designed for	PC99, Windows® 95,98,2000 Windows NT®, Macintosh® Compatible
Plug and Play	DDC-2B, DDC-2Bi

Tilt / Swivel
Tilt Range	-5° to- +15°
Swivel Range	± 90°

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

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 adjustible 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

Supplied Accessories
AC Power Cord
HD15 - HD15 Video Signal Cable
User's Manual [English, French, Spanish, Chinese (simplified)]
USB Cable
Mac Adapter
Warranty Card

Limited Warranty
Parts, CRT and Labor: 3 years

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