

SONY

Multiscan 100sf  
Shades of Excellence



# Multiscan 100sf

## Impressive Images at Work and Play

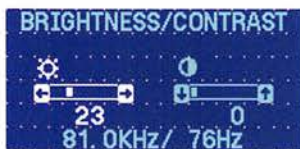


When it comes to 15" monitors that stand out from their surroundings, there is only one name to be reckoned with – Sony Trinitron Multiscan. Fine detail, sharp colour and unbeatable performance make Sony 15" technology the choice of home and office users worldwide. The phenomenally successful Multiscan 15sf now has a formidable successor – the Multiscan 100sf.

### Unrivalled Trinitron Technology

Like its predecessor, the Multiscan 100sf differentiates itself from shadow mask systems with a super fine aperture grille pitch of 0.25 mm which means crisp, well defined colours and maximum brightness. Thanks to Sony's Trinitron technology, there is simply no rival to the Multiscan 100sf for sheer picture quality.

### On-Screen Display



Customising your picture could not be simpler with the 100sf's new on-screen display controls. This user-friendly graphical interface allows quick and precise adjustment of a range of parameters. The window on the screen shows current settings exactly and allows the user to see how far they can be adjusted. Precision at a glance.

### Plug and Play for Ease of Use

Additional features make the latest generation Multiscan 100sf even easier to use. It offers Display Data Channel (DDC) compatibility, a VESA (Video Electronics Standard Association) standard which allows the monitor to convey important information about itself to computers running Windows 95 (with DDC compatible graphics cards). This means that the graphics card can

make automatic adjustments that will optimise use of the display. In other words, the Multiscan 100sf offers true plug and play functionality – simply plug in the display to your computer and start to use it straight away.

### Intelligent Digital Multiscan



Intelligent Digital Multiscan remains a unique feature of the Multiscan 100sf. Exceptional performance is provided through dedicated circuitry within the monitor which responds to signals from the graphics card. The monitor's internal CPU and ASIC determine the incoming video fre-



quency and quickly perform all necessary adjustments to correct geometric distortion. This means that images appear on the screen with all important geometry parameters – such as pincushion balance – automatically fine-tuned for the best possible picture.

### TCO'92 Compliance



Sony remains committed to a policy of environmental and ergonomic safety. The Multiscan 100sf meets the stringent guidelines defined by the TCO'92 standard, making it both safe to use and environmentally friendly. The Multiscan 100sf also complies fully with the International Energy Star power management guidelines, and with even stricter guidelines laid down by NUTEK.



### MAIN SPECIFICATIONS

<b>MODEL CODE</b>	CPD-100SFT
<b>CRT</b>	Super Fine Pitch™ Trinitron® tube; 15" (39 cm). AR coating.
<b>VIEWABLE AREA</b>	284 mm x 212 mm
<b>APERTURE GRILLE PITCH</b>	0.25 mm
<b>HORIZONTAL SCAN RANGE</b>	30 to 70 kHz
<b>VERTICAL SCAN RANGE</b>	50 to 120 Hz
<b>MAXIMUM REFRESH RATES</b>	640 x 480/120 Hz 800 x 600/112 Hz 1024 x 768/87 Hz

### PRESET GRAPHICS MODES

VGA	640 x 480/60 Hz	VESA	800 x 600/75 Hz
Mac 16*	832 x 624/75 Hz	VESA	800 x 600/85 Hz
VESA	1024 x 768/75 Hz	VESA	1280 x 1024/60 Hz
VESA	1024 x 768/85 Hz		

<b>COLOUR TEMPERATURE CONTROL</b>	Fixed (2x): 5000 K/9300 K Variable (1x): 5000 - 9300 K
<b>COMPUTER INTERFACE</b>	DDC2AB monitor to computer data transmission*
<b>POWER CONSUMPTION</b>	110 watts (maximum)
<b>POWER MANAGEMENT</b>	TCO'92 (NUTEK), International Energy Star VESA - Display Power Management Signalling (DPMS)

### REGULATION COMPLIANCE

<b>SAFETY</b>	UL1950, CSA C22.2 No. 950, CE Mark (EN60950), SEMKO, NEMKO, DEMKO, FIMKO, NOM
<b>RADIATION/EMI</b>	TCO'92, MPR II, FCC Class B, IC Class B, VDE 0871 Level B, DOC-B, VCCI-2, CE Mark (EN55022, EN60555-2, EN50082-1)
<b>X-RAY</b>	DHHS, DNHW, PTB
<b>ERGONOMICS</b>	TCO'92, TÜV/Rheinland Ergonomie, ISO-9241-3

### FRONT PANEL CONTROLS (ON-SCREEN DISPLAY ASSISTED)

Brightness, Contrast, Horizontal size and centering, Vertical size and centering, Pincushion distortion, Raster rotation, Colour temperature

<b>VIDEO INPUT</b>	VGA (D-sub 15) pig tail type cable
<b>POWER REQUIREMENTS</b>	100-120 V AC, 50/60 Hz 220-240 V AC, 50/60 Hz
<b>DIMENSIONS (W x H x D)</b>	368 mm x 373 mm x 384.5 mm
<b>WEIGHT</b>	14 kg
<b>OPERATING TEMPERATURE</b>	5° to 40° C
<b>RELATIVE HUMIDITY RANGE</b>	10 to 80 % (operating)
<b>SUPPLIED ACCESSORIES</b>	AC power cord
<b>MANUAL</b>	English, French, German, Spanish, Italian
<b>PACKAGING</b>	Ozone-friendly materials Fully recyclable container

Sony, Trinitron, Multiscan and Super Fine Pitch are trademarks of Sony Corporation. Apple is a trademark of Apple Computer. Windows 95 and Money 97 are trademarks of Microsoft Corporation. As an International Energy Star partner, Sony has determined that this product meets the International Energy Star Program for energy efficiency. Features and specifications are subject to change without notice. Sony Corporation is not responsible for any errors appearing in this document.  
© Sony ITC-MC, November 1996

\* Please check with your graphics card manufacturer/PC supplier that your PC/graphics card is DDC compatible

# SONY

Computer Peripherals

www.sony-cp.com