

SONY

Multiscan 300sf  
A Professional Workspace



# Multiscan 300sf

## Workspace for Multiple Applications



True professionals need space – whether for CAD/CAM applications, desktop publishing, graphic design, on-screen photographs or simply for multiple office systems. Few users are single-tasking and it's useful to be able to see more than one application on the same screen. Fortunately, the Multiscan 300sf from Sony combines proven quality with ample viewing space.

### Trinitron Technology – A Sony Original

Sony developed Trinitron technology has set the standard worldwide for the highest quality images. The Multiscan 300sf differentiates itself from shadow mask systems with its super fine 0.30 mm aperture grille pitch. Sony Trinitron guarantees perfect colour depiction, maximum brightness and distortion free images right across the screen.

### On-Screen Display for Customised Adjustments



Picture adjustment to suit your exact requirements is quick and easy with the 300sf's new on-screen display controls. Now you can alter a range of image parameters including size, centering, colour temperature and raster rotation with this user-friendly graphical interface. The window on the screen shows exact current settings and allows you to adjust them with digital precision.

### Plug and Play for Windows 95

The Multiscan 300sf offers true Plug and Play functionality for Windows 95 users – simply plug in the display to your computer and start to use it straight away. Display Data Channel (DDC) compatibility, a VESA standard (Video Electronics Standard Association), allows the 300sf to convey important information about itself to a DDC compatible graphics card

which can then make automatic adjustments based on this data. The result? Optimal picture quality.

### Finely-tuned Images with Digital Multiscan

The best possible picture appears on your Multiscan 300sf screen with the help of Digital Multiscan, a unique feature that fine-tunes images in response to signals from the PC graphics board. Important geometry parameters – such as pincushion balance – are automatically corrected by the monitor's internal CPU and ASIC without any user input. This dedicated circuitry determines the incoming video frequency and quickly perform all necessary adjustments. So you can enjoy consistent picture quality at all resolutions.

### TCO'95 compliance



The Sony Multiscan 300sf is proof of the company's commitment to environmental monitor safety. It conforms to TCO'95 guidelines, currently among the strictest monitor safety guidelines in existence.

In addition to the exacting power saving and emission regulations laid down by TCO'92, TCO'95 sets a number of stringent ergonomic and environmental standards. It requires that certain compounds and substances which are hard to recycle are not used during production or within the monitor itself.

### Power Management

The Multiscan 300sf also complies fully with the International Energy Star power management guidelines and with the MPR II guidelines for electromagnetic emissions. It has the TÜV/Rheinland Ergonomic Approval.



### MAIN SPECIFICATIONS

MODEL CODE	CPD-300SFT5																				
<b>CRT</b>	Super Fine Pitch™ Trinitron® tube; 20" (53 cm). AR coating.																				
<b>VIEWABLE AREA</b>	388 mm x 292 mm																				
<b>APERTURE GRILLE PITCH</b>	0.30 mm																				
<b>HORIZONTAL SCAN RANGE</b>	30 to 86 kHz																				
<b>VERTICAL SCAN RANGE</b>	48 to 150 Hz																				
<b>MAXIMUM REFRESH RATES</b>	640 x 480/150 Hz 800 x 600/134 Hz 1024 x 768/107 Hz 1280 x 1024/80 Hz																				
<b>PRESET GRAPHICS MODES</b>	<table border="0"> <tr> <td>VGA Graphics</td> <td>640 x 480/60 Hz</td> <td>VGA Text</td> <td>720 x 400/70 Hz</td> </tr> <tr> <td>VESA</td> <td>800 x 600/85 Hz</td> <td>Mac 16"</td> <td>832 x 624/75 Hz</td> </tr> <tr> <td>VESA</td> <td>1024 x 768/85 Hz</td> <td>Mac 19"</td> <td>1024 x 768/75 Hz</td> </tr> <tr> <td>VESA</td> <td>640 x 480/85 Hz</td> <td>Mac 21"</td> <td>1152 x 870/75 Hz</td> </tr> <tr> <td>VESA</td> <td>1280 x 1024/75 Hz</td> <td>VESA</td> <td>1280 x 1024/60 Hz</td> </tr> </table>	VGA Graphics	640 x 480/60 Hz	VGA Text	720 x 400/70 Hz	VESA	800 x 600/85 Hz	Mac 16"	832 x 624/75 Hz	VESA	1024 x 768/85 Hz	Mac 19"	1024 x 768/75 Hz	VESA	640 x 480/85 Hz	Mac 21"	1152 x 870/75 Hz	VESA	1280 x 1024/75 Hz	VESA	1280 x 1024/60 Hz
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<b>COLOUR TEMPERATURE CONTROL</b>	3 fixed presets: 5000 K/6500 K/9300 K 1 variable 5000 K - 9300 K																				
<b>COMPUTER INTERFACE</b>	DDC 1, DDC 2B, DDC 2AB and DDC2B+*																				
<b>POWER CONSUMPTION</b>	150 watts (maximum)																				
<b>POWER MANAGEMENT</b>	TCO'95 (NUTEK), International Energy Star VESA - Display Power Management Signalling (DPMS)																				

### REGULATION COMPLIANCE

#### SAFETY

UL1950, CSA C22.2 No. 950, CE Mark (EN60950), SEMKO, NEMKO, DEMKO, FIMKO, NOM

#### RADIATION/EMI

TCO'95, MPR II, FCC Class B, IC Class B  
VCCI-2, CE Mark (EN55022-B, EN60555-2, EN50082-1)

#### X-RAY

DHHS, DNHW, PTB

#### ERGONOMICS

TCO'95, 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, Horizontal/Vertical convergence, Input select

<b>VIDEO INPUT</b>	VGA (D-sub 15) and 5 BNC
<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>	472 mm x 493.5 mm x 501 mm
<b>WEIGHT</b>	29.5 kg
<b>OPERATING TEMPERATURE</b>	10° to 40° C
<b>RELATIVE HUMIDITY RANGE</b>	10 to 80 % (operating)
<b>SUPPLIED ACCESSORIES</b>	VGA (D-sub 15) to VGA (D-sub 15) cable. Mac adaptor. AC power cord. Non-DDC 2AB adaptor.
<b>MANUAL</b>	English, French, German, Spanish, Italian
<b>PACKAGING</b>	Ozone-friendly materials Fully recyclable container

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

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Computer Peripherals

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