

UP-5500

SONY

UP-5500 COLOR VIDEO PRINTER

Sony's UP-5500 is a breakthrough in dye transfer sublimation thermal printing providing both an analog (NTSC and PAL) and a digital interface for business applications, including video post production, computer graphic design, photography studios, archiving and documenting images, scientific and engineering applications, as well as research and development.

The UP-5500's new, enhanced architecture includes a 300 dpi thermal head that prints in a fast 30 seconds. The printer comes standard with an RGB, S-Video and Composite interface, and offers an optional SCSI interface with supporting Macintosh® and PC Adobe® PhotoShop™ Plug-in Module software.

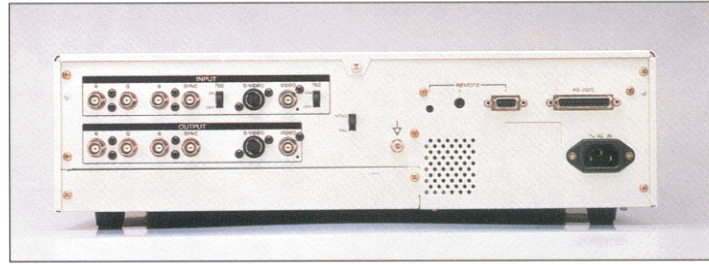
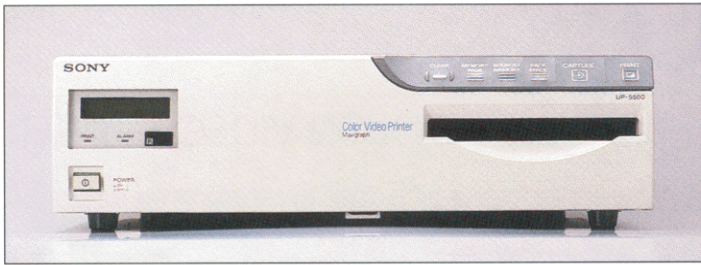


FEATURES:

- Superior Print Quality and Color at 300 dpi Resolution
- High Speed Printing A5 Size
- Four Frame Memories (Optional Eight)
- Multiple Analog Video Input Capability
- Digital Printing
- Picture-in-Picture Function
- Convenient Remote Controls
- Loop-Through Output for System Power Saving
- Multiple Print Modes



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PHOTOGRAPHY



SPECIFICATIONS:

PRINT PERFORMANCE

Printing Method:	Dye Transfer Sublimation Thermal Printing 300 dpi
Paper Size:	A5, 5 7/8 x 8 3/8 inches (148 x 210mm)
Picture Size:	5 x 6 1/2 inches (125.8 x 165.1mm) - NTSC Full Print Mode 5 x 6 1/2 inches (124.8 x 165.1mm) - PAL Full Print Mode with optional UPK-5501NP 5 1/4 x 7 inches (132.1 x 176.1mm) - Digital Printing with optional UPK-5502SC
Picture Elements:	976 lines x 1920 dots - NTSC Full Print Mode 1176 lines x 1920 dots - PAL Full Print Mode with optional UPK-5501NP Max. 2048 x 1536 dots - Digital Printing with optional UPK-5502SC
Gradations:	256 levels each for Yellow, Magenta and Cyan (16.7 million colors per dot)
Picture Memory:	2048 x 1024 x 8 bits x 4 - 4 Full Frame Memory 2048 x 2048 x 8 bits x 8 - 8 Frame Memory with optional UPK-5500
Printing Time:	Approx. 30 s - NTSC Full Print Mode Approx. 34 s - PAL Full Print Mode with optional UPK-5501NP Approx. 38 s - Digital Printing with optional UPK-5502SC

INPUTS/OUTPUTS

Input:	NTSC 525 RGB Analog* (BNC x 4, R, G, B, Sync) RGB: 0.7Vp-p, 75Ω Sync: 0.3 to 4.0Vp-p, sync negative, 75Ω S-Video (Y/C Separate, DIN 4-pin S Terminal) Y: 1.0Vp-p, sync negative, 75Ω C: 0.3Vp-p, 75Ω Composite Video (BNC) EIA/NTSC 1.0Vp-p, sync negative, 75Ω
Input:(with optional UPK-5501NP)**:	PAL 625 RGB Analog* (BNC x 4, R, G, B, Sync) RGB: 0.7Vp-p, 75Ω Sync: 0.3 to 4.0Vp-p, sync negative, 75Ω S-Video (Y/C Separate, DIN 4-pin S-Terminal) Y: 1.0Vp-p, sync negative, 75Ω C: 0.3Vp-p, 75Ω Composite Video (BNC) EIA/NTSC 1.0Vp-p, sync negative, 75Ω
Output:	NTSC 525 RGB Analog • (BNC x 4, R, G, B, Sync) RGB: 0.7Vp-p, 75Ω Sync: 1.1Vp-p, sync negative, 75Ω S-Video (Y/C Separate, DIN 4-pin S-Terminal) Y: 1.0Vp-p, sync negative, 75Ω C: 0.3Vp-p, 75Ω Composite Video (BNC) EIA/NTSC 1.0Vp-p, sync negative, 75Ω
Output (with optional UPK-5501NP)**:	PAL 625 RGB Analog* (BNC x 4, R, G, B, Sync) RGB: 0.7Vp-p, 75Ω Sync: 1.1Vp-p, sync negative, 75Ω S-Video (Y/C Separate, DIN 4-pin S-Terminal) Y: 1.0 Vp-p, sync negative, 75Ω C: 0.3Vp-p, 75Ω Composite Video (BNC) CCIR/PAL 1.0Vp-p, sync negative, 75Ω

INTERFACE

Optional Interface:	UPK-5502SC, SCSI 1 Channel 50-pin anphenol (x2) Remote Jack for optional RM-5500
Control Terminal:	Foot Switch-1 (special mini) for optional FS-20 and RM-91 Foot Switch-2 (D-sub 9-pin) for optional FS-30 RS-232C Interface Port (D-sub 25-pin) for external computer

GENERAL

Power Requirements:	AC100 to 120V, 50/60Hz
Power Consumption:	Max. 250W
Dimensions:	16 3/4 (W) x 5 (H) x 18 3/4 (D) inches (493.8 x 176 x 468.8mm)

Mass:	Approx. 22 lb. 7 oz. (10kg)
Safety Regulations:	UL1950, CSA C22.2 No.950
Supplied Accessories:	Ink Ribbon Holder Paper Tray AC Power Cable Operation Manual Color Print Pack (for 20 prints)

Note: *The UP-5500 can accept external sync and sync-on-G automatically.
** EIA/NTSC or CCIR/PAL signals are selected using the input selector on the unit's rear panel.

Optional Accessories:

UPK-5500 Four Frame Memory Board

With this board the internal frame memory of the UP-5500 is expanded to eight frame memory.

UPK-5501NP PAL Memory Board

With this board the printer can print PAL and 625 analog RGB signal images.

UPK-5502SC Digital Interface Board

- SCSI Interface Kit with A/D and D/A conversion capability.
- Includes the SCSI Interface Board and Adobe Photoshop Plug-in Module.
- Software for both Macintosh and PC Windows computers.

RM-5500 Wired/Wireless Remote Commander

* This Remote controls multiple printer functions and is packaged with a 5m cable and Operation Manual.

Power requirements:

DC 3V

Dimensions:

Approx. 2 1/2(W) x 27/32(H) x 7(D) inches
(62 x 20 x 175mm)
Weight: 0.2 lb (100g)

Supplied accessory:

Remote cable (5m), Operation Manual

RM-91 Remote Control Unit

* Simple wired Remote Commander for the UP-5500.

FS-30 Foot Switch

* Provides multiple function controls of the UP-5500 when connected through the D-sub 9-pin remote interface.

Terminal:

D-sub 9-pin

Dimensions:

Approx. 13.5(W) x 2 (H) x 5(D) inches
(337.3 x 46.1 x 128.0mm)

Weight:

0.2 lb. (100g)

Supplied accessory:

Operation manual

FS-20 Foot Switch

* Simple Remote Control for the UP-5500.

Optional Print Packs:

UPC-5510 Color Print Pack

- A5 Size (8 3/8 x 5 7/8 inches/210 x 148mm)
- Includes 200 Sheets of 210µm thickness paper, and a roll of YMC Ink Ribbon.

UPC-5530 OHP Transparency Print Pack

- A5 Size (8 3/8 x 5 7/8 inches/210 x 148mm)
- Includes 100 Sheets of 135µm thickness paper, and a roll of YMC Ink Ribbon.

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