

SONY®

Digital Graphic Printer

UP-D897

Video Graphic Printer

UP-897MD



UP-D897



UP-897MD



Sony is proud to introduce the UP-D897 monochrome digital graphic printer and the UP-897MD monochrome video graphic printer - the successors to the well-received UP-D895 and UP-895MD medical printers.

Both new models are the smallest, most lightweight printers in their class - as well as the fastest, producing A6-size prints in approximately two seconds. In addition, Sony dye sublimation technology delivers sharp and high-quality print results, and a Jog dial on the front panel enables you to operate almost all settings effortlessly.

These compact and feature-rich A6-size monochrome printers are the ideal choice for medical applications.



UP-D897



UP-897MD

GENERAL FEATURES

For the UP-D897 and the UP-897MD

■ High-speed printing

The UP-D897 and the UP-897MD can produce A6-size prints with stunning speed in approximately two seconds*. That is half the speed of conventional printers, making the UP-D897 and the UP-897MD the fastest printers in their class.

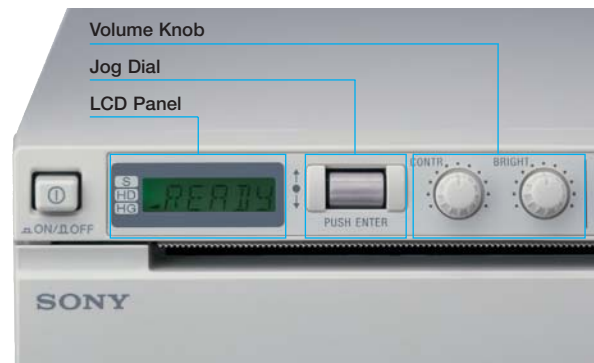
* When using the UPP-110HG or UPP-110S. When used in high speed mode. Does not include the data transfer time.

■ Compact, small footprint design

The UP-D897 and the UP-897MD have a compact and space-saving design with dimensions of approximately 154 (W) x 88 (H) x 240 (D) mm (6 1/6 x 3 1/2 x 9 1/2 inches). They are approximately 23% smaller than conventional models, which enables them to fit easily into medical carts.

■ Superior operability

A convenient front LCD display panel and Jog dial offer easy maintenance and flexible set up. Users can operate almost all settings, including designation of print paper type, by using the Jog dial on the front panel. Error messages and the type of print paper selected are displayed on the LCD, from which users can confirm them easily.



Front Panel

■ Superb print quality and color at approximately 325-dpi resolution

Incorporating Sony dye sublimation printing technology and a high print-head density, the UP-D897 can produce photo-quality prints with a high resolution of approximately 325 dpi and a gray level of 256 steps.

■ Various printing paper line-ups

Three types of printing paper have been prepared to meet the demands of various customers.

One of them, the UPP-110HG High Glossy Printing Paper can produce high-quality, glossy, and near-photographic printing.

■ Medical regulations

The UP-D897 and the UP-897MD comply with medical regulations* that are applicable to medical devices.

* Please refer to the specification.

■ Universal powering system

The UP-D897 and the UP-897MD can operate with AC 100 V to 240 V power supplies, making them suitable for use all around the world.

■ Other Features

- Print-setting information (Bright, Contrast, Gamma, and Sharpness values) can be printed on a blank space of the print paper.
- Up to three menu setting values can be saved into embedded memory and can be printed.

For the UP-D897

■ PC compatibility













A PC driver software is bundled with the printer to enhance its flexibility. This software is compatible with Microsoft® Windows® 2000 and XP.

USEFUL PRINTING FEATURES

For the UP-D897 and the UP-897MD

■ Various print modes

The UP-D897 and the UP-897MD both offer Standard and Side print modes.

| | Main Print Mode | |
|--------------------------|---|---|
| | Standard | Side |
| Normal (1 time) |  |  |
| Small (0.5 times) |  |  |
| Small (0.5 times, multi) |  |  |
| 2x zoom (2 times) |  |  |
| |  |  |
| |  |  |

■ Detailed sharpness setting

The UP-D897 and the UP-897MD offer a detailed sharpness setting, which can be set from the menu mode at 15 steps.

■ Multiple copy function

The UP-897 series can produce up to 20 copies* of the last printed image simply by pushing the COPY button.

* Including the first printout.

For the UP-D897

■ Resize feature

The resize feature can automatically enlarge image data to fit a pre-set printing area. This allows users to transfer small image data in order to reduce the transfer time.

■ Panoramic-size print feature

Especially suited to dental applications, the picture memory makes panoramic-size prints possible.

For the UP-897MD

■ Zoom function

The prints can be resized from 0.5 to 2 times at 0.1 times steps. Users can select optional areas for re-sizing.

■ Image capture function

The UP-897MD can capture and save up to 10 transferred images to an embedded memory by pushing the print button. Images saved in the memory can be browsed on the optional monitor, and users can select and print them via the menu setting. In addition, it is possible for users to scale image data in desired areas before re-printing.

■ Selectable 4:3 or 1:1 aspect ratio

■ Automatic selection of EIA or CCIR video signal

SPECIFICATIONS

| | D897 | 897MD |
|-----------------------------------|--|---|
| Thermal head | Thin-film thermal head, 1280 dots | |
| Gradation | 8-bit (256 levels) processing | |
| Resolution | 325 dpi | |
| Picture elements | 4096 x 1280 dots (max.) | (when "SC:WD1" is selected from "SCAN") EIA: 1210 x 490 dots CCIR: 1210 x 582 dots |
| Dot density | H: 12.8 dots /mm = 0.078 V: 12.8 dots /mm = 0.078 Square dots | |
| Picture size | 320 x 100 mm (max.) | (when "SC:WD1" or "SC:NOR" is selected from "SCAN") When "S:STD" is selected from "SIDE" EIA: 94 x 73 mm CCIR: 94 x 71 mm When "S:SIDE" is selected from "SIDE" EIA: 124 x 96 mm CCIR: 127 x 96 mm |
| Printing speed | Approx. 2 seconds/image (960 x 1280 dots) (printing at the high speed) Approx. 3.3 seconds/image (960 x 1280 dots) (printing at the normal speed) | Approx. 2 seconds/image (at standard setting) (when "SP:HI" is selected from "SPEED") Approx. 3.3 seconds/image (at standard setting) (when "SP:NOR" is selected from "SPEED") |
| Memory capacity | 4096 x 1280 x 8 (bit) | 10 frames (800 k x 8 bits for one frame) |
| Picture memory | | |
| Interface | Hi-Speed USB (USB 2.0) | Input connector: VIDEO IN (BNC type) EIA or CCIR composite video signals 1.0 Vp-p, 75 ohms/high-impedance (EIA/CCIR automatically discriminated) Output connector: VIDEO OUT (BNC type) EIA or CCIR composite video signals 1.0 Vp-p, 75 ohm loop-through/EE switchable REMOTE connector: stereo mini jack |
| Power requirement | 100 to 240 V AC, 50/60 Hz | |
| Input current | 1.5 A to 0.8 A | |
| Operating temperature | 5 °C to 35 °C (41 °F to 176 °F) | |
| Operating humidity | 20% to 80% | |
| Storage and transport temperature | -20 °C to 60 °C (-4 °F to 140 °F) | |
| Storage and transport humidity | 20% to 90% | |
| Dimensions (W x H x D) | 154 x 88 x 240 mm (6 1/6 x 3 1/2 x 9 1/2 inches) | |
| Mass | 2.6 kg (5 lb 11 oz) (printer only) | |
| Safety standards | UL60950-1+CSA C22.2No.60950.1 +UL60601-1+CSA No.60601-1 FCC/IC Class A Digital Device EN60950-1+EN60601-1 EN55024+EN55022: Class B + EN60601-1-2 IEC60950-1+60601-1 C-Tick AS4252.1+AS3548 : Class B GB4943(IEC 950)+GB9254(CISPR 22) VCCI Class A +mains harmonic current regulation | |
| Supplied accessories* | Thermal head cleaning sheet (1) CD-ROM (including multi-lingual operating instructions, Readme and printer driver) (1), USB cable (1) | Thermal head cleaning sheet (1) Operating instructions |

*The contents of supplied accessories vary depending on each sales area. Please contact your nearest Sony office for detailed information.

REAR PANEL



UP-D897 Rear Panel



UP-897MD Rear Panel

PRINTING PAPER

UPP-110HG

High Glossy Printing Paper
(110 mm x 18 mm)

UPP-110HD

High Density Printing Paper
(110 mm x 20 mm)

UPP-110S

High Quality Printing Paper
(110 mm x 20 mm)

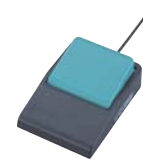


UPP-110HG

OPTIONAL ACCESSORIES



RM-91
Remote Control Unit



FS-20
Foot Switch

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