SONY

UP-897MD

A6 Analog Black and White Thermal Printer

Overview

The UP-897MD is a compact A6-size monochrome video graphic printer for medical applications.

Features

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.

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.

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.

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

Various print modes

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

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.

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

Generic Specifications	
Thermal head	Thin-film thermal head, 1280 dots
Gradation	8-bit (256 levels) processing
Resolution	325 dpi
Picture elements	(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	(when SC:WD1 or SC:NOR is selected from SCAN), When S:STD is selected from SIDE, When S:STD is selected from SIDE, 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 (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)
Picture memory	10 frames (800 k x 8 bits for one frame)
Interface	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

Operating instructions

Gallery