



Sanyo DVP-P1EX Service Manual

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SERVICE MANUAL

Digital Photo Printer

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The components designated by a symbol (!) in this schematic diagram designates components whose value are of special significance to product safety. Should any component designated by a symbol need to be replaced, use only the part designated in the Parts List. Do not deviate from the resistance, wattage, and voltage ratings shown.

CAUTION : Danger of explosion if battery is incorrectly replaced.

Replace only with the same or equivalent type recommended by the manufacturer.

Discard used batteries according to the manufacturer's instructions.

NOTE : 1. Parts order must contain model number, part number, and description.

2. Substitute parts may be supplied as the service parts.

3. N. S. P. : Not available as service parts.

Design and specification are subject to change without notice.

SVF01/EX, U, C

PRODUCT SAFETY NOTICE

FILE NO.

DVP-P1EX

(Product Code : 126 306 02)

(Europe)

(PAL General)

DVP-P1

(Product Code : 126 306 01)

(U.S.A)

(Canada)

(NTSC General)

DVP-P1C

(Product Code : 126 306 03)

(China)

Please see other materials with Reference number given in table below.

Materials

Reference No.

Model No.

DVP-P1EX

Mechanism

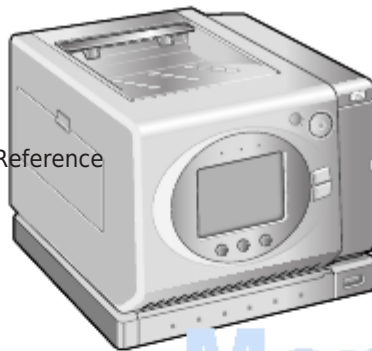
MM5310544

DVP-P1

Manual

DVP-P1C

REFERENCE No. SM5310524



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Related Manuals for Sanyo DVP-P1EX

[Printer Sanyo DVP-P1EX Instruction Manual](#)

Sanyo dvp-p1ex: user guide (56 pages)

[Printer SANYO DVP-P1EX Instruction Manual](#)

Digital photo printer (56 pages)

[Printer Sanyo DVP-P1EX Instruction Manual](#)

(56 pages)

[Printer Sanyo DVP-P1EX Technical Information](#)

Digital photo printer (30 pages)

Summary of Contents for Sanyo DVP-P1EX

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FILE NO. SERVICE MANUAL Digital Photo Printer DVP-P1EX (Product Code : 126 306 02) (Europe) (PAL General) DVP-P1 (Product Code : 126 306 01) (U.S.A) (Canada) (NTSC General) DVP-P1C (Product Code : 126 306 03) (China) Contents 1. FEATURES2 2.

[Page 2: Features](#)

1.FEATURES 2.OUTLINE OF CIRCUIT DESCRIPTION This printer is a type of thermal transfer printer, and it prints 2-1.Power supply section by sublimating ink through the print head heating an ink A mechanical switch is used for the power switch, and the con- ribbon to which solid ink has been applied and having it figuration is such that it a reset is carried out when the power is adhere to special paper coated with a polyester resin.

[Page 3](#) 2-4.Thermal print head yellow magenta cyan yellow The print head has 1280 dots, and is driven by 10 drivers. SENSOR1 2-5.Sensor section Pins 1-5 of CN161 are used for the head position sensor. Chattering is prevented by the Schmidt buffer from CN161. SENSOR2 The sensors are the transmission type, and the cutouts in the marke...

[Page 4](#) 2-6. Flowchart Print start Error message indicate Error check Turn on a LED Paper supply Paper top detection Ink ribbon feed Paper feed Error check Error check Paper top detection Yellow top detection Print of yellow Ink ribbon feed Paper feed Error check Error check Paper top detection...

[Page 5](#) Ink ribbon feed Paper feed Error check Error check Paper top detection Cyan top detection Print of cyan Ink ribbon feed Paper feed Error check Error check Paper top detection OP top detection Print of OP Paper eject Error message indicate Error message indicate Turn on a LED Turn on a LED...

[Page 6: Disassembly](#)

3. DISASSEMBLY 3-1. REMOVAL OF CABINET AND TRAY PHOTO 1. Two screws 3 x 10 2. Cabinet 3. Three screws 3 x 10 4. Tray photo 5. Two screws 2.6 x 4 6. FPC 7. Shield A 8. FPC 9. Button power -...

[Page 7](#) 3-2. REMOVAL OF SY1 BOARD AND CP1 BOARD 1. Four screws 1.7 x 6 2. SY1 board 3. Three screws 3 x 10 4. Twelve connectors C: CN162 (from MC2 board) D: CN165 (from MC5 board) E: CN164 (from MC4 board) F: CN163 (from MC3 board) G: CN161 (from MC1 board &...

[Page 8](#) 3-3. REMOVAL OF TB1 BOARD AND TB2 BOARD Compl, mechanism 1. Screw 2.6 x 6 2. Four screws 3 x 10 3. Two screws 3 x 10 4. Holder chassis 5. Four screws 2.6 x 6 6. Cover back 7. Four screws 2.6 x 6 8.

[Page 10: Electrical Adjustment](#)

4. ELECTRICAL ADJUSTMENT 4-1. Adjustment of Thermal Printer Head Resistance Do not remove the card while the firmware is updating. Value The LED will go off when the firmware update is complete, and the unit will return to index mode. 1.Install the ribbon cassette and paper tray, and turn the power 5.Check to be sure that the ink LED has gone off and that the on without inserting a media card.

[Page 11: Parts List](#)

636 072 7335 LABEL,TRAY PAPER-SVF01/EX 9001 645 065 3728 ADAPTOR,AC-DC(VAR-P1C),DVP-P1C ONLY 09507 636 074 8958 LABEL,TRAY PAP R-SVF01/EX 9001 645 060 2184 ADAPTOR,AC-DC(VAR-P1EX),DVP-P1EX ONLY 09510 636 069 9946 TRAY,PAPER-SVF01/EX 9002 645 064 1770 CORD,POWER-1.2MK,CLAMP,DVP-P1EX ONLY 09520 636 069 9786 COVER,TRAY PAPER-SVF01/EX...

[Page 12](#) MECHANISM PARTS LOCATION PARTS NO. DESCRIPTION LOCATION PARTS NO. DESCRIPTION CABINET 2 03413 411 021 2704 SCR S-TPG BIN 2.6X6 03500 636 069 9779 COVER,PAPER-SVF01/EX 05600 645 064 3422 SHIELDFORM,10X3X24 03600 636 070 7726 COVER,USB-SVF01/EX 01100 636 069 9724 CABINET-SVF01/EX 03601 411 021 1806 SCR S-TPG BIN 2.6X10...

[Page 13](#) LOCATION PARTS NO. DESCRIPTION LOCATION PARTS NO. DESCRIPTION 5C000 412 066 4005 SPECIAL WASHER-1.5X0.5 MECHANISM 1 5F000 636 070 3445 SPRING,PINCH ROLLER F 03800 636 070 7740 GUIDE,INK-SVF01/EX 5H000 636 070 3506 SPRING,PINCH ROLLER RB 03810 411 187 0903 SCR S-TPG BIN+W 2X5 5H100 636 074 5490 SPRING,PINCH RELEASE...

[Page 14](#) LOCATION PARTS NO. DESCRIPTION LOCATION PARTS NO. DESCRIPTION 5F000 636 070 3445 SPRING,PINCH ROLLER F MECHANISM 2 5G000 636 070 3483 SPRING,PINCH ROLLER LB 1A000 636 071 4113 COMPL,HOLDER TPH 5H100 636 074 5490 SPRING,PINCH RELEASE 1B000 412 067 2901 SPECIAL WASHER-3.5X0.3 5I000 636 070 5494...

[Page 15: Electrical Parts](#)

ELECTRICAL PARTS Note: 1. Materials of Capacitors and Resistors are abbreviated as follows ; Resistors Capacitors MT-FILM Metallized Film Resistor MT-POLYEST Metallized Polyester Capacitor MT-GLAZE Metallized Glaze Resistor MT-COMPO Metallized Composite Capacitor OXIDE-MT Oxide Metallized Film Resistor TA-SOLID Tantalum Solid Capacitor AL-SOLID Aluminum Solid Capacitor NP-ELECT...

[Page 16](#) LOCATION PARTS NO. DESCRIPTION LOCATION PARTS NO. DESCRIPTION C1004 403 367 6607 POS-SOLID 47U M 6.3V C1805 403 312 6607 CERAMIC 27P J 50V C1005 403 312 6805 CERAMIC 0.1U Z 16V C1899 403 392 0908 CERAMIC 1U K 50V C1006 403 312 6805 CERAMIC...

[Page 17](#) LOCATION PARTS NO. DESCRIPTION LOCATION PARTS NO. DESCRIPTION R1037 401 224 9303 MT-GLAZE 1K JA 1/16W R1401 401 224 9006 MT-GLAZE 10K JA 1/16W R1038 401 224 9303 MT-GLAZE 1K JA 1/16W R1405 401 224 9006 MT-GLAZE 10K JA 1/16W R1039 401 224 9709 MT-GLAZE...

[Page 18](#) LOCATION PARTS NO. DESCRIPTION LOCATION PARTS NO. DESCRIPTION R1610 401 225 0200 MT-GLAZE 3.3K JA 1/16W R5221 401 037 5004 MT-GLAZE 0.000 ZA 1/10W R1612 401 224 9303 MT-GLAZE 1K JA 1/16W R5222 401 261 5108 MT-FILM 1.0K DU 1/16W R1614 401 225 0200 MT-GLAZE 3.3K JA 1/16W...

[Page 19](#) LOCATION PARTS NO. DESCRIPTION LOCATION PARTS NO. DESCRIPTION CN954 645 005 6901 PLUG,SIDE-ZR-SM3 (N.S.P) S3007 645 024 3851 SWITCH,PUSH, (MISCELLANEOUS) (DISPLAY) JW101 636 074 0563 CORD,TERMINAL(N.S.P.) A3001 645 059 1303 636 075 1392 HEAT SINK RUBBER-SVF01/EX (CONNECTOR) CN301 645 022 0364 SOCKET,FPC 20P (N.S.P) 411 187 3003 SCR S-TPG PAN PCS 1.7X5...

[Page 20](#) SANYO Electric Co., Ltd. Osaka, Japan Oct./'0...

This manual is also suitable for:

[Dvp-p1Dvp-p1c](#)