



Sanyo PDP-42H1EV Service Manual

Multimedia plasma

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PRODUCT CODE

1 114 019 00

PDP-42H1EV, J3BL

1 114 034 00

PDP-42H1A, J3BJB

All manuals and user guides at all-guides.com

Multimedia Plasma Monitor

CONTENTS

FILE NO.

Model No. PDP-42H1EV

(EUROPE)

PDP42H1A

(U.S.A., ASIA)

ORIGINAL VERSION

Chassis No. PDP-42H1E-00

(PDP-42H1EV)

Chassis No. J3B-42H1A00

(PDP-42H1A)

NOTE: Match the Chassis No. on the unit's back cover with the Chassis No. in the Service Manual.

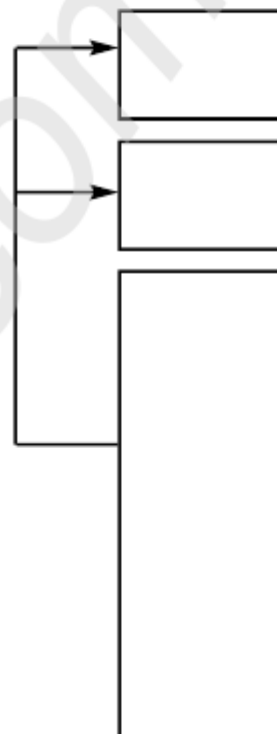
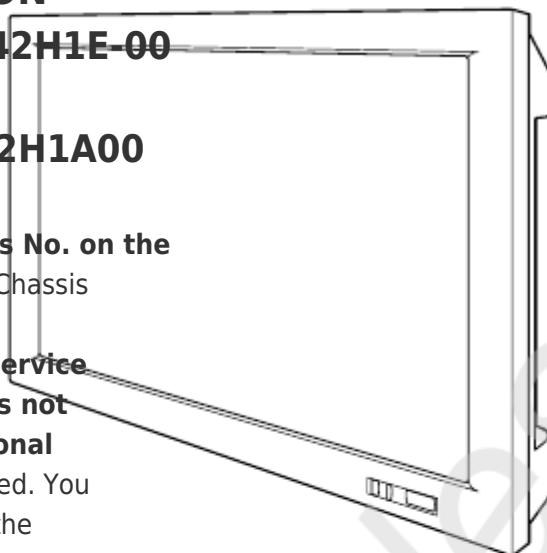
If the Original Version Service Manual Chassis No. does not match the unit's, additional

Service Literature is required. You must refer to "Notices" to the Original Service Manual prior to servicing the unit.

Pages

SM5110311-00

REFERENCE NO.



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[Monitor Sanyo PDP-42H1EV Service Manual](#)

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Multimedia plasma monitor (44 pages)

[Monitor Sanyo PDP-32H1ENV Owner's Manual](#)

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[Monitor Sanyo PDP-32H1W Owner's Manual](#)

Multimedia plasma monitor (44 pages)

Summary of Contents for Sanyo PDP-42H1EV

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All manuals and user guides at all-guides.com FILE NO. SERVICE MANUAL Multimedia Plasma Monitor Model No. PDP-42H1EV (EUROPE) PDP42H1A (U.S.A., ASIA) ORIGINAL VERSION Chassis No. PDP-42H1E-00 (PDP-42H1EV) Chassis No. J3B-42H1A00 (PDP-42H1A) NOTE: Match the Chassis No. on the unit's back cover with the Chassis No.

[Page 2: Safety Instructions](#)

All manuals and user guides at all-guides.com ■ Safety Instructions SAFETY PRECAUTIONS WARNING : TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE. ● This Plasma Monitor should be set in the way indicated. If

not, it may result in a fire hazard. ●...

[Page 3: Technical Specifications](#)

EXT. SP OUT AC IN 3PIN POWER SUPPLY AC 220 - 240V 50 Hz (PDP-42H1EV) AC 100 - 120V 50/60 Hz, AC 200 - 240V 50/60 Hz (PDP-42H1A) DIMENSION (W x H x D) 1036 x 641 x 100 mm 41.4"...

[Page 4: Dimensions And Options](#)

All manuals and user guides at all-guides.com ■ Dimensions and Options MEASUREMENT 1036 (41.4) (4.0) 1036 (41.1) (25.2) Size in mm (inch) OPTIONS The products listed below are optionally supplied. When ordering these products, give name and Type No. to sales dealer. Speaker unit KA-SX-42H (R and L) Table top stand...

[Page 5: Terminals For Pc](#)

All manuals and user guides at all-guides.com ■ Terminals for PC CONFIGURATIONS OF RS232C TERMINALS RS232C TERMINAL Terminal : HDB9-PIN Connect the serial port of computer to this terminal with Serial Cross Cable (not supplied). No Connect Pin Configuration R x D No Connect T x D No Connect...

[Page 6](#) All manuals and user guides at all-guides.com Terminals for PC CONFIGURATIONS OF PC TERMINALS PC IN (D-SUB) TERMINAL Terminal : HDB15-PIN Connect the display output terminal of computer to this terminal with VGA Cable (supplied). When connecting the Macintosh computer, the MAC Adapter (not supplied) is required. Pin Configuration Red Input No Connect...

[Page 7: Mechanical Disassemblies](#)

All manuals and user guides at all-guides.com ■ Mechanical Disassemblies ■ Optional Stand Removal 1. Put the PDP Monitor Display with the screen face down on the flat desk. CAUTION : When placing the display with the face down, lay the soft cloth under the screen to protect the screen surface.

[Page 8](#) All manuals and user guides at all-guides.com Mechanical Disassemblies Location of Circuit Board Sub Power Unit Jack Sensor Unit (D) Unit (A) Shield Plate (PANEL) Power Unit Main Unit Sub CPU Unit Sensor Contact Unit Jack Front RC/RS2324 Unit (B) Unit (C) Unit Unit...

[Page 9](#) All manuals and user guides at all-guides.com Mechanical Disassemblies 2. Panel Module and Chassis Removal (Fig. 5) 1) Remove 21 screws (C: 4X8). (Fig. 5) 2) Remove Flat Cable from Front Unit (R/C AMP. or Power SW ...etc.) to Sub CPU Unit (K8H). Note: This cable is fixed with another cables by ferrite core.

[Page 10](#) All manuals and user guides at all-guides.com Mechanical Disassemblies 3. Chassis Removal (Fig. 6) To remove chassis from Panel Module. 1) Remove screws D (8pcs: 5X40). 2) Lift up the chassis to have Panel Holders and remove one side of the wire between Main Unit (K7S) and Panel Module.

[Page 11](#) All manuals and user guides at all-guides.com Mechanical Disassemblies 4. Optical Filter Removal Cabinet Front includes Optical Filter to protect the damage of Panel, improve picture quality, or prevent exposure of interference. For removal of Optical Filter, remove screws of Fig.7-1 and Fig.7-2. [NOTE] The Optical Filter is easy to be damaged.

[Page 12](#) All manuals and user guides at all-guides.com Mechanical Disassemblies ■ Flat Cable Removal This set is used 3 kinds of connector for flat cable. For removal of cable, refer as below not to damage. Type A Type B Type C Cable Cable Cable...

[Page 13](#) All manuals and user guides at all-guides.com Mechanical Disassemblies ■ Notice for service of Unit In below Unit, can be repaired inside parts or unit itself. Order service parts for repair. Sub Power Unit Jack Sensor Unit (D) Unit (A) Shield Plate (PANEL) Power...

[Page 14](#) All manuals and user guides at all-guides.com Mechanical Disassemblies Attention Below 3 Units are included with Panel for PDP Module. Do not remove from Panel. For changing Panel, it is necessary to change these all units together. Panel Power Unit This is not included in Panel Module.

[Page 15: Adjustment](#)

All manuals and user guides at all-guides.com ■ Adjustment CAUTION The each circuit has been made by the fine adjustment at factory. Do not attempt to adjust the following adjustments except requiring the readjustments in servicing otherwise it may cause loss of performance and product safety. Before Adjustment This adjustment is done to enter Service Mode by Remote Control Unit.

[Page 16](#) All manuals and user guides at all-guides.com Adjustment ■ To adjust The next 2 pages show Data for adjustment. To select adjustment item, press (↑) button on the remote control unit. To adjust data, press (→) button (The characters of data become yellow.) and press (↑) or (↓) button to change data.

[Page 17](#) All manuals and user guides at all-guides.com Adjustment ■ Service Adjustment Data Table Data Area Initial Adjustment Name Adjustment Item Note Data AV-Dynamic Contrast Picture Menu (Dynamic) Brightness Color Tint Sharpness AV Standard Contrast Picture Menu (Natural) Brightness Color Tint Sharpness AV Cinema Contrast...

[Page 18](#) All manuals and user guides at all-guides.com Adjustment Data Area Initial Adjustment Name Adjustment Item Note Data Blue Color Temp L-AV AV Color Temperature (Low) Green Blue Color Temp H-PC PC Color Temperature (High) Green Blue Color Temp M-PC PC Color Temperature (STD) Green Blue Color Temp L-PC...

[Page 19](#) All manuals and user guides at all-guides.com Adjustment ■ Setting the fixed data This adjustment is controlled by the CPU (IC801) through the IIC Data Bus Line in the chassis, and those adjustment data are memorized into the memory IC (IC808). Therefore, SUB CPU Board or the memory IC (IC808) is replaced, data of those will be disappeared.

[Page 20: Circuit Block Diagram](#)

All manuals and user guides at all-guides.com ■ Circuit Block Diagram ■ Video Signal Flow (1) CVBS, Y/C CVBS (Composite Video) or Y/C signal from AV1, AV2 or AV3 terminal is input to AV SW IC (IC1001) and selected signal. CVBS signal selected by IC1001 is input to 3 Dimension Y/C Separation IC (IC7101) and input to IC1001 again.

[Page 21](#) All manuals and user guides at all-guides.com Circuit Block Diagram ■ Audio Signal Flow Sound signals (L & R) from AV1, AV2 or AV3 are input to AV SW IC (IC1001) and selected. Sound signals from AV4 terminal are output for "Through Out" terminal. Sound signals from D-SUB or AV4 are input to IC1001 after selected by SW IC (IC1002) .

[Page 22: Power Supply Lines](#)

All manuals and user guides at all-guides.com ■ Power Supply Lines [NOTE] Refer to next page for Power Fail Circuit -22-...

[Page 23: Power Fail Circuit](#)

All manuals and user guides at all-guides.com ■ Power Fail Circuit CPU (IC801) is programmed that the set goes to standby mode when there is circuit fail as below. 1. AUDIO AMP FAIL(2) : Detected the fail of Audio AMP IC (IC071) (Not used in this model.) 2.

[Page 24](#) All manuals and user guides at all-guides.com Power Fail Circuit When operating the Power Fail Circuit, On-Screen-Display message or LED flashing time is shown as below. On-Screen-Display Message 1. FAN FAIL When the cooling fan is trouble, below message is displayed. This message is displayed for 10 seconds in every 10 minutes.

[Page 25: Troubleshooting](#)

All manuals and user guides at all-guides.com ■ Troubleshooting No Power Refer to Schematic Diagram or Power Supply Line, find out the part of trouble. In advance check the AC cord and power SW to be on. Is LED flashed? Panel Power Unit Is fuse (F001) is broken.

[Page 26](#) All manuals and user guides at all-guides.com Troubleshooting No Sound Refer to Schematic Diagram or Chassis Block Diagram, find out the part of trouble. In advance check the setting mode according to Instruction Manual. Check around IC1001 in Main Unit. All mode? Is there Check around IC031...

[Page 27: Control Port Functions](#)

All manuals and user guides at all-guides.com ■ Control Port Functions ● System Control (CPU : IC801) Name Function Description Note pin 1 PA3/WR F-CLK CLOCK for Flash Writing pin 2 PA4/RD F-DATA DATA for Flash Writing pin 3 PA5/RS F-ENABLE ENABLE for Flash Writing Pull-Up...

[Page 28](#) All manuals and user guides at all-guides.com Control Port Functions Name Function Description Note pin46 P02 LED (Red) Output ON = H, OFF = L pin47 P03 N.C. (Not Used) pin48 P04 POWER-1 Power Control CPU-GO pin49 P05 POWER-2 Power Control PDP-GO pin50 P06 PC1/PC2(BNC)Audio SW PC1=H, PC2=L pin51 P07...

[Page 29: Ic Block Diagrams](#)

All manuals and user guides at all-guides.com ■ IC Block Diagrams ● Digital Decoder (IC401: VPC3230D) Adaptive Colour Mixer Y 2D Scaler Output Analog YOUT VIN1 Formatter Front-end Comb Decoder Cr,Cb Filter VIN2 NTSC ITU-R 656 VIN3 ITU-R 601 YCOE NTSC SECAM Contrast...

[Page 30](#) All manuals and user guides at all-guides.com IC Block Diagrams ● I / P Converter (IC501: SDA9415) X1CLKD TEST RESET HINM ISCM clock VINM Input sync controller Master doubling SYNCENM CLKOUT PLLD Vector Memory INTERLACED OSCM/S Letter Output sync HOUT clock controller doubling...

[Page 31](#) All manuals and user guides at all-guides.com IC Block Diagrams ● Main Scaler (IC301: PW365) ● Sync. Separation (IC8971: LA7217-T-TRM) -31-...

[Page 32](#) All manuals and user guides at all-guides.com IC Block Diagrams ● Sync. Separation (IC1201: BA7078AF) ● RGB / Component Switch (IC1123/24: BA7657F) -32-...

[Page 33](#) All manuals and user guides at all-guides.com IC Block Diagrams ● Audio / Video Switch (IC1001: CXA1845Q) -33-...

[Page 34](#) All manuals and user guides at all-guides.com IC Block Diagrams ● Audio Control (IC001: CXA2013N) ● Q-Sound (IC002: MM1369BD) -34-...

[Page 35](#) All manuals and user guides at all-guides.com IC Block Diagrams ● BBE (IC121: NJM2155M) ● Digital AMP (IC071: TA1101B) -35-...

[Page 36](#) All manuals and user guides at all-guides.com IC Block Diagrams ● Clock Generator (IC303: AV9155C) 2XCPU SCLK20-22 OUTPUT BUFFERS CLOCK 14.318MHz crystal REFERENCE CLOCK 14.318MHz KBCLK 14.318MHz OUTPUT PERIPHERAL BUSCLK BUFFERS CLOCK FDCLK COMMCLK POWER-DOWN AGND -36-...

[Page 37: Pin Description Of Diode, Transistor And Ic](#)

All manuals and user guides at all-guides.com ■ Pin Description of Diode, Transistor and IC ● Diode K: Cathode A: Anode ● Transistor/FET C: Collector D: Drain B: Base G: Gate Index E: Emitter S: Source C1 C2 C1 C2 ●...

[Page 38: Parts List](#)

610 298 4477 DEC SHEET SIDE BTM J3BK 645 011 6148 CORD,POWER-3.0MK (UK) 610 295 8553 SPRING-J3DA INSTRUCTIONS MANUAL 645 049 9203 BADGE,SANYO*53.5X12L53.5 610 297 1217 MANUAL-J3BL (English) 411 076 3404 SCR TPG BRZ+FLG 3X6 610 299 0294 MANUAL-J3BL-D (Germany)

[Page 39](#) All manuals and user guides at all-guides.com Electrical Parts List Product safety should be considered when a component replacement is made in any area of a PDP monitor. Components indicated by a mark in this parts list and the circuit diagram show components whose value have special significance to product safety.

[Page 40](#) All manuals and user guides at all-guides.com Electrical Parts List Key No. Part No. Description Key No. Part No. Description OUT OF CIRCUIT BOARD 405 014 4608 TR 2SC2412K T146 S 405 015 8704 TR 2SC2812-L6-TB LF901 645 030 4200 UNIT,NOISE FILTER MISCELLANEOUS 405 015 8902...

[Page 41](#) All manuals and user guides at all-guides.com Electrical Parts List Key No. Part No. Description Key No. Part No. Description 405 147 2205 TR 2SA1037AK-S-T146 405 163 2708 TR 2SA1179N-M7-TB 405 002 0308 TR 2SA1037K T146 R Q7012 405 014 4509 TR 2SC2412K T146 R 405 002 0407 TR 2SA1037K T146 S...

[Page 42](#) All manuals and user guides at all-guides.com Electrical Parts List Key No. Part No. Description Key No. Part No. Description 405 015 8902 TR 2SC2812-L7-TB IC201 409 461 7304 IC AD8057ART 405 163 1602 TR 2SC2812N-L6-TB0 IC202 409 461 7304 IC AD8057ART 405 163 1701 TR 2SC2812N-L7-TB0...

[Page 43](#) All manuals and user guides at all-guides.com Electrical Parts List Key No. Part No. Description Key No. Part No. Description C1008 403 149 9208 CERAMIC 0.01U Z C1181 403 343 4900 ELECT 470U M C1009 403 149 9208 CERAMIC 0.01U Z C1204 403 267 0606 NP-ELECT...

[Page 44](#) All manuals and user guides at all-guides.com Electrical Parts List Key No. Part No. Description Key No. Part No. Description C217 403 164 0204 CERAMIC 0.1U Z C334 403 164 0204 CERAMIC 0.1U Z C218 403 283 6309 CERAMIC 1U Z C341 403 164 0204 CERAMIC...

[Page 45](#) All manuals and user guides at all-guides.com Electrical Parts List Key No. Part No. Description Key No. Part No. Description C504 403 164 0204 CERAMIC 0.1U Z C7103 403 283 6309 CERAMIC 1U Z C505 403 164 0204 CERAMIC 0.1U Z C7106 403 164 0204 CERAMIC...

[Page 46](#) All manuals and user guides at all-guides.com Electrical Parts List Key No. Part No. Description Key No. Part No. Description C8974 403 164 0204 CERAMIC 0.1U Z RB205 645 021 0358 R-NETWORK 100X4 0.063W C8975 403 164 0204 CERAMIC 0.1U Z 645 031 3325 R-NETWORK 100X4 1/16W C8976...

[Page 47](#) All manuals and user guides at all-guides.com Electrical Parts List Key No. Part No. Description Key No. Part No. Description RB753 645 021 0358 R-NETWORK 100X4 0.063W R1054 401 105 6001 MT-GLAZE 5.6K JA 1/16W 645 031 3325 R-NETWORK 100X4 1/16W R1055 401 037 2805 MT-GLAZE...

[Page 48](#) All manuals and user guides at all-guides.com Electrical Parts List Key No. Part No. Description Key No. Part No. Description R1187 401 105 2805 MT-GLAZE 2.2K JA 1/16W R1851 401 105 2003 MT-GLAZE 1.8K JA 1/16W R1201 401 105 7909 MT-GLAZE 0.000 ZA 1/16W R1852...

[Page 49](#) All manuals and user guides at all-guides.com Electrical Parts List Key No. Part No. Description Key No. Part No. Description R253 401 105 0603 MT-GLAZE 10K JA 1/16W R379 401 105 7909 MT-GLAZE 0.000 ZA 1/16W R255 401 105 0405 MT-GLAZE 100 JA 1/16W R380...

[Page 50](#) All manuals and user guides at all-guides.com Electrical Parts List Key No. Part No. Description Key No. Part No. Description R616 401 105 3901 MT-GLAZE 33 JA 1/16W R7027 401 105 0504 MT-GLAZE 1K JA 1/16W R617 401 105 3901 MT-GLAZE 33 JA 1/16W R7028...

[Page 51](#) All manuals and user guides at all-guides.com Electrical Parts List Key No. Part No. Description Key No. Part No. Description R767 401 105 7909 MT-GLAZE 0.000 ZA 1/16W R999 401 105 5301 MT-GLAZE 4.7K JA 1/16W VARIABLE RESISTOR R768 401 105 7909 MT-GLAZE 0.000 ZA 1/16W R771...

[Page 52](#) All manuals and user guides at all-guides.com Electrical Parts List Key No. Part No. Description Key No. Part No. Description 645 026 1008 INDUCTOR,3.3U M D961 407 201 2701 DIODE RB051L-40-TE25 L7007 645 021 1607 INDUCTOR,10U J D962 407 201 2701 DIODE RB051L-40-TE25 645 032 8213 INDUCTOR,10U J...

[Page 53](#) All manuals and user guides at all-guides.com Electrical Parts List Key No. Part No. Description Key No. Part No. Description 405 015 8704 TR 2SC2812-L6-TB Q853 405 014 4509 TR 2SC2412K T146 R 405 015 8902 TR 2SC2812-L7-TB 405 014 4608 TR 2SC2412K T146 S 405 163 1602 TR 2SC2812N-L6-TB0...

[Page 54](#) All manuals and user guides at all-guides.com Electrical Parts List Key No. Part No. Description Key No. Part No. Description IC809 409 397 3005 IC TC7SET04FU-(TE85L) C051 403 321 7503 ELECT 220U M IC811 409 397 3005 IC TC7SET04FU-(TE85L) C052 403 321 7404

ELECT 100U M...

[Page 55](#) All manuals and user guides at all-guides.com Electrical Parts List Key No. Part No. Description Key No. Part No. Description C125 403 343 3408 ELECT 10U M C831 403 113 4109 CERAMIC 2200P K C126 403 343 3408 ELECT 10U M C850 403 164 0204 CERAMIC...

[Page 56](#) All manuals and user guides at all-guides.com Electrical Parts List Key No. Part No. Description Key No. Part No. Description R063 401 105 6001 MT-GLAZE 5.6K JA 1/16W R1873 401 105 0306 MT-GLAZE 10 JA 1/16W R064 401 105 7305 MT-GLAZE 820 JA 1/16W R1874...

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[Page 58](#) All manuals and user guides at all-guides.com Electrical Parts List Key No. Part No. Description Key No. Part No. Description L1534 645 024 0669 FILTER,EMI 20PF L1536 645 024 0669 FILTER,EMI 20PF 610 295 3763 ASSY,PWB,SENS-A J3BA 1AA0B10N0210C MISCELLANEOUS INTEGRATED CIRCUIT K1501 645 048 3882 SOCKET,BNC 1P...

[Page 59](#) All manuals and user guides at all-guides.com Electrical Parts List Key No. Part No. Description Key No. Part No. Description R1199 401 105 7909 MT-GLAZE 0.000 ZA 1/16W SC1108 645 045 7449 SURGE-ABSORBER R1208 401 105 7909 MT-GLAZE 0.000 ZA 1/16W SC1109 645 045 7449 SURGE-ABSORBER...

[Page 60](#) All manuals and user guides at all-guides.com Electrical Parts List Key No. Part No. Description Key No. Part No. Description R2012 401 105 3208 MT-GLAZE 270 JA 1/16W SC1901 645 045 7449 SURGE-ABSORBER R2013 645 018 9326 INDUCTOR,1000 OHM SC1902 645 045 7449 SURGE-ABSORBER R2014...

[Page 61: Parts Description And Reading In Schematic Diagram](#)

All manuals and user guides at all-guides.com ■ Parts Description and Reading in Schematic Diagram 1. The parts specification of resistors, capacitors and Resistor Reading coils are expressed in designated code. Please check Example 1/2 D J 10K B the parts description by the following code table. 2.

[Page 62](#) All manuals and user guides at all-guides.com ■ Memo...

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[Page 65: Schematic Diagrams](#)

GREEN A1901 1AA2SHF 100C SC1901 U20B43300 R1908 0361-- PWRSW K19H Z30B (Top View) 1/16GJ 0120G 10KC ASSY,PWB, FRONT J3BA J10EG070G 7. CHIP RESISTOR. 1AA0B10N0210B PB1901 A4B10N01600;A4B10N0160B 12 x 10 (12kohm) PDP-42H1EV / 42H1A J3BL_01(0.55) A - 1 A - 2...

[Page 66](#) 2 Do not shorten the circuit between hot and cold sides. 2SC2412K 2SC2812 3 The grounding lead must be connected to the ground of the same L6,L7 circuit when measuring of voltages and waveforms. PDP-42H1EV / 42H1A A - 2 A - 3...

[Page 67](#) 2SA1037K 2SA1179 (Top View) M6,M7 7. CHIP RESISTOR. 2SC2412K 2SC2812 L6,L7 12 x 10 (12kohm) ASSY,PWB,MAIN J3BL ASSY,PWB,MAIN P2/3 1AA0B10N020B0 P1/3 STANBY L705 ANALOG L710 J11SN300N (SIDE:A) (SIDE:A) FOR MLTI-BOAD PDP-42H1EV / 42H1A J3BL_02(0.55) A - 4 A - 5...

[Page 68](#) R1859 STANBY DIGITAL GZ0C D1851 L701 1/16 1/16GJ 1SS355 4.7KC GZ0C SCL-KOU L302 Q1852 R1862 J11SN300N (J3BK 8802-) 1/16 DIGITAL GZ0C D1852 536P 1SS355 (SIDE:A) (SIDE:A) FIX FOR MLTI-BOAD TO AV3-INPUT PDP-42H1EV / 42H1A A - 5 A - 6...

[Page 69](#) 1/16 R1801 J1811 DSUB-V GZ0C 1/16GJ 1/16 100C C1122 R1186 100C R1129 1/16 1/16 R1804 R1807 GZ0C GZ0C 1/16GZ0C 1/16 K001 100C J12B07600 (SIDE:A) K1801 (SIDE:A) J11B3690N FLW1/FLW2/KOUTEI HEAD PHONE PDP-42H1EV / 42H1A J3BL_03(0.55) A - 7 A - 8...

[Page 70](#) P1/3 L1393 L1966 L1964 R1391 P2/3 L1963 F34DA R1981 F34DA F34DA F34DA 200G 200G 200G 200G L1394 R1974 R1971 F34DA K1951 200G K1391 J11B2731N J12B06800 (SIDE:A) (SIDE:A) AUDIO L/R D-SUB(ANALOG-PC) (3.5MIN) PDP-42H1EV / 42H1A A - 8 A - 9...

[Page 71](#) 2 Do not shorten the circuit between hot and cold sides. 1AA0B10N020B0 3 The grounding lead must be connected to the ground of the same P3/3 circuit when measuring of voltages and waveforms. PDP-42H1EV / 42H1A J3BL_04(0.66) A - 10 A - 11...

[Page 72](#) C7101 6.3EM 10KZ1UGQF 10KZ1UGQF 220WV 2SA933S 2SA564A 2SA1015 2SA608N Y,GR O,Y,GR DRAM(16bit) "J" : JUMPER WIRE. "X" : PART NOT USED. CHIP 2SA1037AK 2SA1037K 2SA1179 M6,M7 IC7100 2SC2412K 2SC2812 MSM54V16258BSL-40TS-K L6,L7 PDP-42H1EV / 42H1A A - 11 A - 12...

[Page 73: Printed Wiring Board Diagrams](#)

All manuals and user guides at all-guides.com Printed Wiring Board Diagrams - PDP42H1EV/42H1A (J3BL/J3BJB) Page A13~A15 [Left] ■ Printed Wiring Board Diagrams JACK-C UN MAIN UNIT (ASSY, PWB, MAIN) [A SIDE] CONNECT UNIT K17D B10N01500 IC804 IC806 IC822 IC1002 IC823 R688 R687 R689 R690...

[Page 74](#) All manuals and user guides at all-guides.com Printed Wiring Board Diagrams - PDP42H1EV/42H1A (J3BL/J3BJB) Page A13~A15 [Right] JACK-C UNIT (ASSY, PWB, JACK-C) [A SIDE] SUB CPU UNIT (ASSY, PWB, SUB CPU) [A SIDE] OWER POWER POWER SPEAKER SPEAKER SENS-B SENS-A UNIT UNIT UNIT...

[Page 75](#) All manuals and user guides at all-guides.com Printed Wiring Board Diagrams - PDP42H1EV/42H1A (J3BL/J3BJB) Page A16~A18 [Left] JACK-C UNIT (ASSY, PWB, JACK-C) [B SIDE] SUB CPU UNIT (ASSY, PWB, SUB CPU) [B SIDE] RC/232C UNIT (ASSY, PWB, RC/232C) [B SIDE] FRONT UNIT (ASSY, PWB, FRONT) [B SIDE] POWER UNIT (ASSY, PWB, POWER) [B SIDE] SENSOR-B UNIT...

[Page 76](#) All manuals and user guides at all-guides.com Printed Wiring Board Diagrams - PDP42H1EV/42H1A (J3BL/J3BJB) Page A16~A18 [Right] MAIN UNIT (ASSY, PWB, MAIN) [B SIDE] JACK-D UNIT (ASSY, PWB, JACK-D) [B SIDE] SENS-A) A - 17 A - 18...

This manual is also suitable for:

[Pdp42h1a1 114 019 001 114 034 00](#)