



Sanyo ICR-B100 Service Manual

Digital voice recorder

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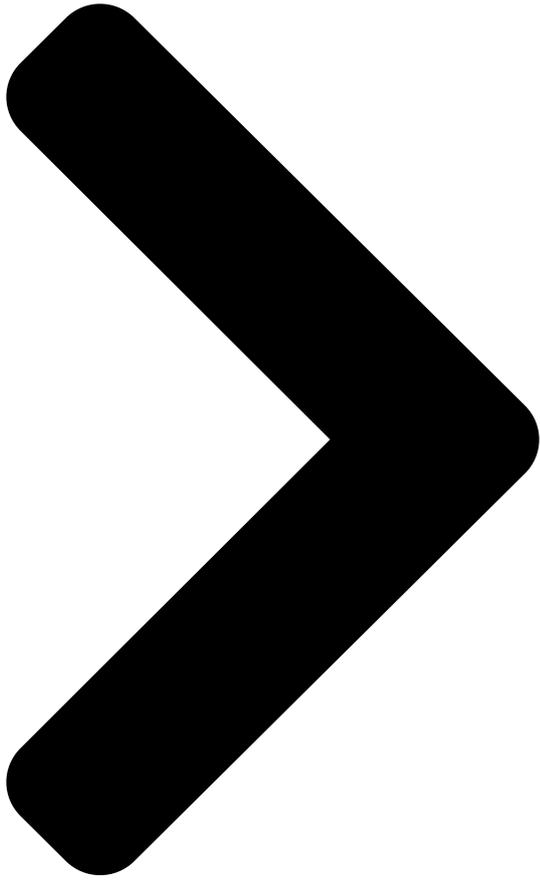
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Service Manual

Specifications

Frequency response 200 Hz - 3,900 Hz (Standard mode)
200 Hz - 1,900 Hz (Long mode)
Output power 100 mW (DC max.)
Power source DC: DC 3V ("AAA" x 2)
Loudspeaker 8 ohms (1.4" Dia.)
Output terminal EAR: 8 ohms (1/8" Dia.)
Dimensions Approx. 2.3" (W) x 4.4" (H) x 0.8" (D)
Weight Approx. 4 oz (104 g) (without batteries)

IMPORTANT INFORMATION

Because its products are subject to continuous improvement, SANYO reserves the rights to modify product designs and specifications without notice and without incurring any obligation.

Digital Voice Recorder



FILE NO.

ICR-B100

(XE)

PRODUCT CODE No.

164 024 01

SM

REFERENCE No.

5810106

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Related Manuals for Sanyo ICR-B100

[Voice Recorder Sanyo ICR-B50 Instruction Manual](#)

Sanyo digital voice recorder instruction manual model number : icr-b50 (37 pages)

[Voice Recorder Sanyo ICR-B29 Instruction Manual](#)

Sanyo digital voice recorder instruction manual icr-b29, icr-b31, icr-b34 (96 pages)

[Voice Recorder Sanyo ICR-B31 Instruction Manual](#)

(96 pages)

[Voice Recorder Sanyo ICR-B35 Instruction Manual](#)

Sanyo digital voice recorder instruction manual icr-b35 (32 pages)

[Voice Recorder Sanyo ICR-B150 Instruction Manual](#)

Sanyo icr-b150: instruction manual (51 pages)

[Voice Recorder Sanyo ICR-B160NX Instruction Manual](#)

Digital (41 pages)

[Voice Recorder Sanyo ICR-B175NX Service Manual](#)

Digital voice recorder (4 pages)

[Voice Recorder Sanyo ICR-B5000 Instruction Manual](#)

Digital voice recorder (38 pages)

[Voice Recorder Sanyo □□□□□□ICR-B220 Instruction Manual](#)

(89 pages)

[Voice Recorder Sanyo ICR-B180NX Service Manual](#)

Digital voice recorder (6 pages)

[Voice Recorder Sanyo ICR-B180A Service Manual](#)

(6 pages)

[Voice Recorder Sanyo ICR-1000 Instruction Manual](#)

Instruction manual (156 pages)

[Voice Recorder Sanyo ICR-1000 Instruction Manual](#)

(31 pages)

[Voice Recorder Sanyo ICR-A125M Instruction Manual](#)

Instruction manual (11 pages)

[Voice Recorder Sanyo ICR-A190M Manual](#)

(8 pages)

[Voice Recorder Sanyo ICR-A181M Instruction Manual](#)

Digital voice recorder (216 pages)

Summary of Contents for Sanyo ICR-B100

[Page 1: Specifications](#)

DimensionsApprox. 2.3" (W) x 4.4" (H) x 0.8" (D) Weight Approx. 4 oz (104 g) (without batteries) IMPORTANT INFORMATION Because its products are subject to continuous improvement, SANYO reserves the rights to modify product designs and specifications without notice and without incurring any obligation.

[Page 2: Removal And Installation](#)

REMOVAL & INSTALLATION · Remove the SmartMedia from the SmartMedia card compartment. · Remove the 2 batteries and Lithium battery. · Remove the screw or other in due order number. ·

All wiring should be returned to the original position after work is completed. 1.

[Page 3: Exploded View \(Cabinet & Chassis\)](#)

EXPLODED VIEW (CABINET & CHASSIS) - 2 -...

[Page 4: Parts List](#)

PARTS LIST PRODUCT SAFETY NOTICE EACH PRECAUTION IN THIS MANUAL SHOULD BE FOLLOWED DURING SERVICING. COMPONENTS IDENTIFIED WITH THE IEC SYMBOL IN THE PARTS LIST AND THE SCHEMATIC DIAGRAM DESIGNATED COMPONENTS IN WHICH SAFETY CAN BE OF ! ! ! SPECIAL SIGNIFICANCE.

[Page 5](#) PARTS LIST REF.NO. PART NO. DESCRIPTION REF.NO. PART NO. DESCRIPTION C4008 403 312 5303 TA-SOLID 47U M 6.3V Q4014 405 129 8409 TR UMC2N C4010 403 306 6705 TA-SOLID 100U M 4V Q4015 405 133 3803 TR DTC124EUA C4013 403 312 5303 TA-SOLID 47U M 6.3V Q4071 405 131 2501 TR DTC114TUA C4021...

[Page 6](#) PARTS LIST REF.NO. PART NO. DESCRIPTION REF.NO. PART NO. DESCRIPTION R4072 401 105 5509 MT-GLAZE 470K JA 1/16W L5904 645 026 0964 INDUCTOR,10U K R4073 401 037 5004 MT-GLAZE 0.000 ZA 1/10W L5905 645 026 0964 INDUCTOR,10U K R4074 401 037 5004 MT-GLAZE 0.000 ZA 1/10W Q5001 405 092 4101 TR 2SC4081-R R4075...

[Page 7](#) PARTS LIST CARD CONTROL P.W.B ASSY REF.NO. PART NO. DESCRIPTION R5651 401 105 0603 MT-GLAZE 10K JA 1/16W REF.NO. PART NO. DESCRIPTION R5652 401 105 2201 MT-GLAZE 180K JA 1/16W 614 302 8390 ASSY,PWB,SW (Only Initial) R5653 401 105 0504 MT-GLAZE 1K JA 1/16W R6001 401 105 2805 MT-GLAZE 2.2K JA 1/16W R5654...

[Page 8: Ic Block Diagram](#)

IC BLOCK DIAGRAM The figure which isn't mentioned please watch a schematic diagram. IC401 UPD703017 (MICRO COMPUTER) Pin Name Function Pin Name Function 1 LCD DATA I/O LCD Driver IC data output 51 I O4 I/O Smart media (input/output data) 2 LCD CLK I/O LCD Driver IC clock output 52 I O5...

[Page 9](#) IC BLOCK DIAGRAM IC402 MB89585 (MICRO CONTROLLERS) Main Clock Oscillator Reset Output Clock Control Circuit Power ON Reset circuit (Watch dog timer) PLL Circuit 21bit Time Baseter 8bit PWM Timer P46/PWM1/U1/D6 P47/PWM2/D7 P44/UCK/D4 UART P45/U0/D5 RPVP 61~64 P40/D0~43/D3 RPVM 48~41, P00~07,P10~17 Function 40~33...

[Page 10](#) IC BLOCK DIAGRAM IC404 RS5C372A (CMOS Real Time Clock) ALARM_A REGISTER COMPARATOR_A (WEEK,MIN,HOURL) 32kHz OUTPUT CONTROL ALARM_B REGISTER COMPARATOR_B (WEEK,MIN,HOURL) OSCIN DIVIDER TIME COUNTER CORREC (SEC,MIN,HOURL,WEEK,MONTH,YEAR) -TION OSCOUT ADDRESS ADDRESS DETECT DECODER REGISTER /INTRA CONTROL /INTRB SHIFT REGISTER INTERRUPT CONTROL IC405 SB2020P (Ascent and Descent type DC-DC Converter) SWR_EXT Internal VDD...

[Page 11](#) IC BLOCK DIAGRAM IC414 TC7W74FU (D-type Flip Flop with Preset and Clear) Truth Value INPUTS OUTPUTS FUNCTION CLEAR PRESET ----- NO CHANGE IC503 AK4518VF (Regulator 16bit A/D, D/A Converter) Pin name Function 1 VRDA Voltage Reference Input Pin for DAC,VA 2 VRAD Voltage Reference Input Pin for ADC,VA VA AGND...

[Page 12: Lcd Display](#)

LCD DISPLAY P COMO P COM17 P COMO P COM17 P COMO P COM17 SEG3 SEG23 SYNC SEG44 TIME DATE SEG4 SEG24 SEG45 No. Symbol SEG5 SAVE SEG25 SEG48 AUTO Reset SEG8 SEG28 SEG49 SEG9 SEG29 SEG50 SEG10 SEG30 SEG53 SEG13 SEG33...

[Page 13](#) SCHEMATIC DIAGRAM PRODUCT SAFETY NOTICE Each precaution in this manual should be followed during servicing. Components identified with the IEC symbol in the parts list and the !!! schematic diagram designated components in which safety can...

[Page 14](#) WIRING DIAGRAM (PARTS SIDE VIEW) WIDE NARROW CANCEL MC501 MC502 MC503 CARD FRONT CONTROL CONTROL P.W.B P.E.B BACK UP BATTERY BATTERY DC 3V DC 1.5V MAIN P.W.B SWITCH P.W.B SP401 SPEAKER - 14 - - 15 - -...

This manual is also suitable for:

[lcr-b100xe](#)