

DCR-PC100/PC100E

RMT-811

SERVICE MANUAL

Ver 1.2 2001.12

Level 2



Digital Handycam



MEMORY STICK



Photo : DCR-PC100

US Model
Canadian Model
Korea Model
DCR-PC100

AEP Model
UK Model
Australian Model
Chinese Model
DCR-PC100E

E Model
Hong Kong Model
Tourist Model
DCR-PC100/PC100E

D300 MECHANISM

On the VC-227 board

This service manual provides the information that is premised the circuit board replacement service and not intended repair inside the VC-227 board.

Therefore, schematic diagram, printed wiring board and electrical parts list of the VC-227 board are not shown.

The following pages are not shown.

Schematic diagram	Pages 4-13 to 4-42
Printed wiring board	Pages 4-43 to 4-46
Electrical parts list	Pages 6-18 to 6-25

For MECHANISM ADJUSTMENTS, refer to the "DV MECHANICAL ADJUSTMENT MANUAL (D MECHANISM)" (original: 9-973-815-11, supplement: 9-973-815-81) and "DV MECHANICAL ADJUSTMENT MANUAL (D300 MECHANISM)" (original: 9-973-961-11).

DCR-PC100 : NTSC model

DCR-PC100E : PAL model

SPECIFICATIONS

Video camera recorder

System
Video recording system
2-tape heads
Official recording system
Audio recording system
Battery heads, PCM system
Quadrization: 12 bits (12.5 MHz), stereo 1, stereo 2, 12 bits (12.5 MHz) 1/2, stereo
Video signal
PAL/NTSC video, 1/2 inch video
PAL color, CCIR standard
Shooting cassette
Mini DV compatible with the "iV" mark product
Tape speed
SP, Approx. 18.00 mm/s
LP, Approx. 12.50 mm/s
Recording/playback time (using cassette DV160)
SP 1 hour
LP 1.5 hours
Fastforward/rewind time (using cassette DV160)
Approx. 1 sec. and 30 sec. (using the 1st generation type)
Approx. 2 min. and 30 sec. (using the 2nd generation type)

Viewfinder
Electronic viewfinder (optional)
Range device
1/4 inch CCD (Charge Coupled Device)
Approx. 1,075,000 pixels
Effective Moving Image
Approx. 490,000 pixels, 500 lines
Approx. 1,000,000 pixels (area)
Contr. Ratio
Continuous power zoom lens
Filter diameter 37 mm (1 1/2 inch)
1/4 inch CCD (Charge Coupled Device) 1/4 inch
1/4 inch (1/4 inch) (Digital)
Focal length
4.3 - 42 mm (5.75 - 5.12 / 16 inch)
When connected to a 35 mm still camera
Cassette model 68 - 260 mm (1.18 - 10.49 inch)
MiniDV model 68 - 260 mm (1.18 - 10.49 inch)
Colour temperature
Auto, HOLD (fixed), 3200K, 5500K, 6500K, 8000K

Minimum Illumination
7 lux (1/100)
0 lux (in the NightShot mode)
Objects visible to be recorded to the dark can be shot with infrared lighting.

Input/Output connectors
5 video input/output
Input/output auto switch
4-pin mini DV
External input: 1 Vp-p, 75 ohms, balanced
External output: 1 Vp-p, 75 ohms, balanced
Convergence signal
2.25 Vp-p, 100 K, 75 ohms, balanced
Audio/video input/output
Input/output auto switch
AV (4-pin), 1 Vp-p, 75 ohms, unbalanced, input negative
300 mV, 0.5 output (large) mode (more than 40 dB)
Output impedance with less than 3.2 kOhm to Term on 4-pin jack or 3.5 mm
Input impedance more than 10 kOhm

Input/output
4-pin connector
Handycam jack
Remote control (1/2 inch)
1/4 LANC control jack
Stereo audio (1/4 inch or 3.5 mm)
MIC jack
3.5 mm, 4.5 mm, 5.0 mm
Input impedance 10 kOhm to 30 kOhm
Output impedance 10 kOhm to 30 kOhm

LCD system
Picture
2.5 inch (reversed) diagonally
50 x 37 mm (2 x 1 1/2 inch)
Total dot number
200,000 (380 x 520)

General
Power requirements
2.3 V battery pack
2.3 V (AVC power) (optional)

— Continued on next page —



DIGITAL VIDEO CAMERA RECORDER



SONY

Sony Dcr Pc100 Camcorders Owners Manual

Canon USA Inc



Sony Dcr Pc100 Camcorders Owners Manual:

The Complete Idiot's Guide to iMovie 2 Brad Miser, 2001 A guide to digital movie making covers camera selection storyboarding shooting techniques transitions converting to Quicktime files adding text and exporting images to videotape

Buying Guide 2001 Consumer Reports Books Editors, The Editors of Consumer R, Consumer Reports, 2000-11 This compact book contains the best buying advice from Consumer Reports along with expert strategies for finding many products at the best prices Includes advice for shopping online by mail order or in stores lab test results and a preview of the 2001 model year vehicles **Popular Photography**, 1999-12 The IFILM Digital Video Filmmaker's Handbook Maxie D.

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The Enigmatic Realm of **Sony Dcr Pc100 Camcorders Owners Manual**: Unleashing the Language is Inner Magic

In a fast-paced digital era where connections and knowledge intertwine, the enigmatic realm of language reveals its inherent magic. Its capacity to stir emotions, ignite contemplation, and catalyze profound transformations is nothing in short supply of extraordinary. Within the captivating pages of **Sony Dcr Pc100 Camcorders Owners Manual** a literary masterpiece penned by a renowned author, readers attempt a transformative journey, unlocking the secrets and untapped potential embedded within each word. In this evaluation, we shall explore the book's core themes, assess its distinct writing style, and delve into its lasting affect the hearts and minds of those who partake in its reading experience.

http://www.frostbox.com/results/browse/default.aspx/Solution_Manual_6th_Edition_Spreadsheet_Modeling.pdf

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