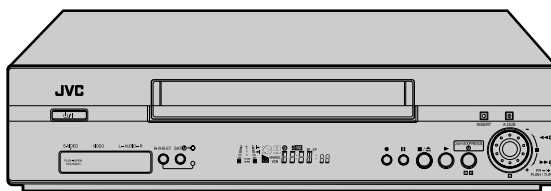


JVC

SERVICE MANUAL

VIDEO CASSETTE RECORDER

HR-S7850EU/S7851EU



SHOWVIEW[®]
DELUXE

Hi-Fi **S VHS**
625

Super VHS ET

Regarding service information other than these sections, refer to the HR-S8850EU service manual (No. 82863). Also, be sure to note important safety precautions provided in the service manual.

SPECIFICATIONS *(The specifications shown pertain specifically to the model HR-S7850EU/HR-S7851EU)*

GENERAL

Power requirement	: AC 220 V – 240 V \sim , 50 Hz/60 Hz
Power consumption	
Power on	: 22 W
Power off	: 3.8 W
Temperature	
Operating	: 5°C to 40°C
Storage	: –20°C to 60°C
Operating position	: Horizontal only
Dimensions (WxHxD)	: 400 mm x 94 mm x 278 mm
Weight	: 3.6 kg
Format	: S-VHS/VHS PAL standard
Maximum recording time	
(SP)	: 240 min. with E-240 video cassette
(LP)	: 480 min. with E-240 video cassette
(EP)	: 720 min. with E-240 video cassette

VIDEO/AUDIO

Signal system	: PAL-type colour signal and CCIR monochrome signal, 625 lines 50 fields
Recording system	: DA4 (Double Azimuth) head helical scan system
Signal-to-noise ratio	: 45 dB
Horizontal resolution	
(SP/LP)	: 250 lines (VHS) 400 lines (S-VHS)
(EP)	: 220 lines (VHS) 350 lines (S-VHS)
Frequency range	: 70 Hz to 10,000 Hz (Normal audio) 20 Hz to 20,000 Hz (Hi-Fi audio)
Input/Output	: 21-pin SCART connectors: IN/OUT x 1, IN/DECODER x 1 RCA connectors: VIDEO IN x 1, AUDIO IN x 1, AUDIO OUT x 1 S-Video connectors: IN x 1, OUT x 1

TUNER/TIMER

TV channel storage capacity	: 99 positions (+AUX position)
Tuning system	: Frequency synthesized tuner
Channel coverage	: VHF 47 MHz – 89 MHz/ 104 MHz – 300 MHz/ 302 MHz – 470 MHz UHF 470 MHz – 862 MHz
Aerial output	: UHF channels 22 – 69 (Adjustable)
Memory backup time	: Approx. 10 min.

ACCESSORIES

Provided accessories	: RF cable, Infrared remote control unit, "R6" battery x 2
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Specifications shown are for SP mode unless otherwise specified. E.& O.E. Design and specifications subject to change without notice.

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The following table indicate main different points between models HR-S8850EU, HR-S7850EU and HR-S7851EU.

MODEL	HR-S8850EU	HR-S7850EU	HR-S7851EU
DIGITAL 3R	USED	NOT USED	←
MALTU BRAND REMOTE CONTROL	USED	NOT USED	←
CABLE MOUSE	USED	NOT USED	←
WINDOW color	GREEN	BLUE	GREEN
IR CORD	A, B	A	←

The following tables indicate different parts number between models HR-S8850EU, HR-S7850EU and HR-S7851EU.

PACKING AND ACCESSORY ASSEMBLY <M1>

REF. NO	MODEL	HR-S8850EU	HR-S7850EU	HR-S7851EU
△ 306	REMOTE CONTROLLER	LP20873-007A	LP20878-010A	←
306A	COVER(BATTERY)	LP40254-006A	LP40610-002A	←
△ 310	INST BOOK(EN)	LPT0487-001A	LPT0486-001A	←
△	INST BOOK(GE)	LPT0487-002A	LPT0486-002A	←
313	LED CABLE ASSY	QAL0095-005	—	—

FINAL ASSEMBLY <M2>

REF. NO	MODEL	HR-S8850EU	HR-S7850EU	HR-S7851EU
△ 501	FRONT PANEL ASSY	LP10333-020D	LP10333-033C	LP10333-034C
501A	CASSETTE DOOR	LP20961-010B	LP20961-007B	←

Notes : Mark — is not used.
 Mark ← is same as left.

MAIN BOARD ASSEMBLY <03>

REF. NO	ITEM	MODEL	HR-S8850EU	HR-S7850EU	HR-S7851EU
PW1	MAIN BOARD ASSY		LPA10140-02C	LPA10140-07C	←
Q11	TRANSISTOR		—	DTC144WU	←
Q25	TRANSISTOR		DTC144WU	—	—
Q40	TRANSISTOR		—	DTC144WU	←
R4	MG RESISTOR		—	NRSA02J-0R0X	←
R39	MG RESISTOR		—	NRSA02J-103X	←
R46	MG RESISTOR		NRSA02J-471X	NRSA02J-561X	←
R117	MG RESISTOR		NRSA02J-104X	—	—
B12	IM BUS WIRE		—	QUY160-220Y	←
B13	MG RESISTOR		NRSA02J-0R0X	—	—
B52	MG RESISTOR		—	NRSA02J-0R0X	←
X2	CAPACITOR		QCB1HK-103Y	—	—
J7105	PIN JACK		QNN0383-002	QNN0381-002	←
WR1	SIN TWIST WIRE		QUB321-11A1A1	—	—

2D DIGITAL BOARD ASSEMBLY <05>

REF. NO	ITEM	MODEL	HR-S8850EU	HR-S7850EU	HR-S7851EU
PW1	2D DIGITAL BOARD ASSY		—	LPA10090-07A	←

3D DIGITAL/2M BOARD ASSEMBLY <05>

REF. NO	ITEM	MODEL	HR-S8850EU	HR-S7850EU	HR-S7851EU
PW1	3D DIGITAL/2M BOARD ASSY		LPA10105-05A	—	—

S JACK BOARD ASSEMBLY <36>

REF. NO	ITEM	MODEL	HR-S8850EU	HR-S7850EU	HR-S7851EU
PW1	S JACK BOARD ASSY		LPA20009-01B	LPA20009-02B	←
J7102	S JACK		QND0085-001	QND0084-001	←

Notes : Mark — is not used.
 Mark ← is same as left.



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VICTOR COMPANY OF JAPAN, LIMITED
VIDEO DIVISION

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