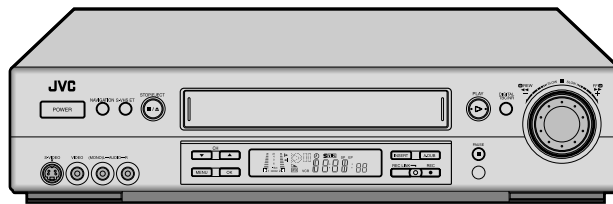


JVC

SERVICE MANUAL

VIDEO CASSETTE RECORDER

HR-S9900U



SVHS

Hi-Fi

VCRplus+[®]
CABLE BOX CONTROL

Super VHS ET

TIME SCAN

Ghost Reduction Tuner

Regarding service information other than these sections, refer to the HR-S9800U service manual (No. 82805). Also, be sure to note important safety precautions provided in the service manual.

SPECIFICATIONS

GENERAL

Power requirement	: AC 120 V \sim , 60 Hz
Power consumption	
Power on	: 27 W
Power off	: 2.6 W
Temperature	
Operating	: 5°C to 40°C (41°F to 104°F)
Storage	: -20°C to 60°C (-4°F to 140°F)
Operating position	: Horizontal only
Dimensions (W x H x D)	: 437 mm x 97 mm x 347 mm (17-1/4" x 3-7/8" x 13-11/16")
Weight	: 4.8 kg (10.6 lbs)
Format	: S-VHS/VHS NTSC standard
Maximum recording time	
SP	: 210 min. with ST-210 video cassette
EP	: 630 min. with ST-210 video cassette

VIDEO/AUDIO

Signal system	: NTSC-type color signal and EIA monochrome signal, 525 lines/60 fields
Recording/ Playback system	: DA-4 (Double Azimuth) head helical scan system
Signal-to-noise ratio	: 45 dB
Horizontal resolution	
VHS	: 230 lines
S-VHS	: 400 lines
Frequency range	
Normal audio	: 70 Hz to 10,000 Hz
Hi-Fi audio	: 20 Hz to 20,000 Hz
Input/Output	: RCA connectors (IN x 2, OUT x 1) S-video connectors (IN x 2, OUT x 1)

TUNER

Tuning system	: Frequency-synthesized tuner
Channel coverage	
VHF	: Channels 2-13
UHF	: Channels 14-69
CATV	: 113 Channels
RF output	: Channel 3 or 4 (switchable; preset to Channel 3 when shipped) 75 Ω , unbalanced

TIMER

Clock reference	: Quartz
Program capacity	: 1-year programmable timer/ 8 programs
Memory backup time	: Approx. 3 min.

ACCESSORIES

Provided accessories	: Infrared remote control unit, "AA" battery x 2, Audio/video cable, RF cable (F-type), S-video cable (4-pin), S-VHS ET labels, Controller
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*Specifications shown are for SP mode unless specified otherwise.
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-S9800U and HR-S9900U.

ITEM	MODEL	HR-S9800U	HR-S9900U
FRONT PANEL color		GOLD	SILVER

The following tables indicate different parts number between models HR-S9800U and HR-S9900U.

PACKING AND ACCESSORY ASSEMBLY <M1>

REF. NO	ITEM	MODEL	HR-S9800U	HR-S9900U
301	PACKING CASE		LP30596-009B	LP30948-001A
△ 310	INST BOOK(EN)		LPT0350-001A	LPT0505-001A
△	INST BOOK(FR)		LPT0350-003A	LPT0505-002A
317	Q.S.SHEET		LPT0350-002A	—

FINAL ASSEMBLY <M2>

REF. NO	ITEM	MODEL	HR-S9800U	HR-S9900U
△ 501	FRONT PANEL ASSY		LP10088-017B	LP10088-023A
501A	CASSETTE DOOR		LP20716-006A	LP20716-010A
501C	DISPLAY WINDOW		LP20250-007A	LP20250-015A
△ 502	TOP COVER		PQ11922-36-7	PQ11922-56
531	KNOB(SHUTTLE)		LP30695-001A	LP30695-006A
532	KNOB(JOG)		LP30694-001A	LP30694-003A

MECHANISM ASSEMBLY <M4>

REF. NO	ITEM	MODEL	HR-S9800U	HR-S9900U
7	TENSION STUD BASE ASSY		LP40678-001A	*LP40637-002A
14	SPACER,X2 UV CATCHER2		—	*PQ40919-10
42	PINCH ROLLER ARM ASSY		LP40105-001B	*LP40105-003A
43	PINCH ROLLER SHEET2		LP40478-001A	—
43	PINCH ROLLER SHEET3		—	*LP40753-001A
47	SLIT WASHER		LP30016-002A	* —
51	TENSION SPRING		LP40134-001C	*LP40134-002A
53	HEAD BASE		LP30228-001A	*LP30228-001C
80	MAIN BRAKE ASSY(TAKE UP)		LP40111-012B	*LP40111-014C
91	SPACER,CAPSTAN MOTOR		—	*LP30002-097A
94	COUPLING GEAR		LP30697-002A	*LP30697-003A
102	CHANGE LEVER ASSY		LP40484-001H	*LP40484-003B
105	REEL DISK ASSY(SUPPLY)		LP40420-001A	*LP20237-003B
106	REEL DISK ASSY(TAKE UP)		LP40421-001A	*LP20238-003B
109	SCREW/SPECIAL SCREW		QYTPST2620Z	*LP40746-001A
119	DRIVE GEAR		LP30243-001D	*LP30243-002A

Notes : Mark — is not used.
Mark * reference model was also changed.

MAIN BOARD ASSEMBLY <03>

REF. NO	ITEM	MODEL	HR-S9800U	HR-S9900U
PW1	MAIN BOARD ASSY		LPA10106-51B1	*LPA10106-51C1

3D DIGITAL/4M BOARD ASSEMBLY <05>

REF. NO	ITEM	MODEL	HR-S9800U	HR-S9900U
PW1	3D DIGITAL/4M BOARD ASSY		LPA10104-01B	*LPA10143-02A

TERMINAL BOARD ASSEMBLY <06>

REF. NO	ITEM	MODEL	HR-S9800U	HR-S9900U
PW1	TERMINAL BOARD ASSY		LPA10101-01B	*LPA10101-01C
B201	MG RESISTOR		—	*NRSA02J-0R0X
B207	MG RESISTOR		—	*NRSA02J-0R0X
B209	MG RESISTOR		—	*NRSA02J-0R0X
B214	MG RESISTOR		—	*NRSA02J-0R0X
B7151	MG RESISTOR		—	*NRSA02J-0R0X
B7152	MG RESISTOR		—	*NRSA02J-0R0X
L202	IM BUS WIRE		—	*QUY153-050Y
L205	IM BUS WIRE		—	*QUY153-050Y

NAVIGATION BOARD ASSEMBLY <19>

REF. NO	ITEM	MODEL	HR-S9800U	HR-S9900U
PW1	NAVIGATION BOARD ASSY		LPA10108-02C	*LPA10145-02A

DISPLAY BOARD ASSEMBLY <28>

REF. NO	ITEM	MODEL	HR-S9800U	HR-S9900U
PW1	FRONT BOARD ASSY		LPA10056-08A1	LPA10056-11A1

S JACK BOARD ASSEMBLY <36>

REF. NO	ITEM	MODEL	HR-S9800U	HR-S9900U
PW1	S JACK BOARD ASSY		LPA10056-08A4	LPA10056-11A4
R7192	IM BUS WIRE		—	*QUY153-050Y
C7196	IM BUS WIRE		—	*QUY153-050Y
J7191	PIN JACK,VIDEO IN		PEMC1126	PEMC1009
J7192	PIN JACK(SW),A(L)IN		PEMC0922	PEMC1010
J7193	PIN JACK(SW),A(R)IN		PEMC0922	PEMC1010
J7194	S JACK,SVIDEO		QND0085-001	QND0084-001
L7191	IM BUS WIRE		—	*QUY153-050Y
L7192	IM BUS WIRE		—	*QUY153-050Y
L7193	IM BUS WIRE		—	*QUY153-050Y
L7194	IM BUS WIRE		—	*QUY153-050Y

JOG BOARD ASSEMBLY <37>

REF. NO	ITEM	MODEL	HR-S9800U	HR-S9900U
B7092	IM BUS WIRE		—	*QUY153-050Y
B7093	IM BUS WIRE		—	*QUY153-050Y

Notes : Mark — is not used.
 Mark : * reference model was also changed.

JVC SERVICE & ENGINEERING COMPANY OF AMERICA DIVISION OF JVC AMERICAS CORP.

Head office	: 1700 Valley Road Wayne, New Jersey 07470-9976	(973)315-5000
East Coast	: 10 New Maple Avenue Pine Brook, New Jersey 07058-9641	(973)396-1000
Midwest	: 705 Enterprise Street Aurora, Illinois 60504-8149	(630)851-7855
West Coast	: 5665 Corporate Avenue Cypress, California 90630-0024	(714)229-8011
Atlanta	: 1500 Lakes Parkway Lawrenceville, Georgia 30043-5857	(770)339-2582
Hawaii	: 2969 Mapunapuna Place Honolulu, Hawaii 96819-2040	(808)833-5828

JVC CANADA INC.

Head office	: 21 Finchdene Square Scarborough, Ontario M1X 1A7	(416)293-1311
Montreal	: 16800 Rte Trans-Canadienne, Kirkland, Quebec H9H 5G7	(514)871-1311
Vancouver	: 13040 Worster Court Richmond, B.C. V6V 2B3	(604)270-1311

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