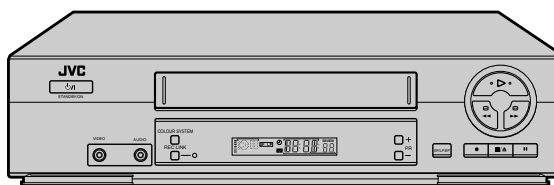


JVC

SERVICE MANUAL

VIDEO CASSETTE RECORDER

HR-J471MS/S, J475EA, J475EE



Regarding service information other than these sections, refer to the HR-J471MS service manual (No. 82811). Also, be sure to note important safety precautions provided in the service manual.

SPECIFICATIONS *(The specifications shown pertain specifically to the model HR-J471MS)*

GENERAL

Power requirement	
Rating	: AC 110 V – 240 V~, 50/60 Hz
Operating	: AC 90 V – 260 V~, 50/60 Hz
Power consumption	: 14 W
Temperature	
Operating	: 5°C to 40°C
Storage	: -20°C to 60°C
Operating position	: Horizontal only
Dimensions (WxHxD)	: 360 mm x 94 mm x 278 mm
Weight	: 3.2 kg
Format	: VHS standard
Maximum recording time	
(SP)	: 240 min. with E-240 video cassette (PAL/MESECAM)
	: 160 min. with T-160 video cassette (NTSC)
(LP)	: 480 min. with E-240 video cassette (PAL/MESECAM)
	: 480 min. with T-160 video cassette (NTSC)
(EP)	: 480 min. with T-160 video cassette (NTSC)

VIDEO/AUDIO

Signal system	: PAL-type colour signal and CCIR monochrome signal, 625 lines 50 fields
	: NTSC colour and EIA monochrome signals, 525 lines/60 fields
Recording system	: DA-4 (Double Azimuth) head helical scan system
Signal-to-noise ratio	: 45 dB
Horizontal resolution	: 250 lines (PAL/MESECAM)
	: 220 lines (NTSC)
Frequency range	: 70 Hz to 10,000 Hz
Input/Output	: RCA connectors (IN x 2, OUT x 1)

TUNER/TIMER

TV channel storage capacity	: 99 positions (+AUX position)
Tuning system	: Frequency synthesized tuner
Channel coverage	: VHF (Low) 42 MHz – 175 MHz (High) 175 MHz – 470 MHz
	: UHF 470 MHz – 870 MHz
Aerial output	: UHF channels (Adjustable E28 – E60)
Memory backup time	: Approx. 6 months
	: Estimated figure based on supplied fresh battery; actual performance may differ.

ACCESSORIES

Provided accessories	: RF cable, Infrared remote control unit, "R6/UM-3" battery x 2, Lithium battery CR2025, Conversion plug*
----------------------	---

*Not provided in certain areas.

Specifications shown are for SP mode unless otherwise specified. Design and specifications subject to change without notice.

TABLE OF CONTENTS

DIFFERENT TABLE 1

5. PARTS LIST (5-1 to 5-3)

5.1 PACKING AND ACCESSORY ASSEMBLY <M1> 5-1

5.2 CABINET AND CHASSIS ASSEMBLY <M2> 5-2

The following table indicate main different points between models HR-J471MS, HR-J471MS/S, HR-J475EA and HR-J475EE.

ITEM	MODEL	HR-J471MS	HR-J471MS/S	HR-J475EA	HR-J475EE
POWER PLUG		CEE	SASO	SAA	CEE
VCR PLUS+		NOT USED	←	USED	NOT USED

The following table indicate different parts number between models HR-J471MS, HR-J471MS/S, HR-J475EA and HR-J475EE.

PACKING AND ACCESSORY ASSEMBLY <M1>

REF. NO.	ITEM	MODEL	HR-J471MS	HR-J471MS/S	HR-J475EA	HR-J475EE
301	PACKING CASE		LP30670-020A	LP30670-021A	LP30742-002B	LP30742-004A
304	HANDLE		—	PQ35439	—	—
305	SHEET(HANDLE)		—	PQ35430-1-2	—	—
△ 310	INST.BOOK(EN.CH)		LPT0422-001A	←	—	—
△ 310	INST.BOOK(RU.AR)		LPT0422-002A	←	—	—
△ 310	INST.BOOK(EN)		—	—	LPT0424-001A	—
△ 310	INST.BOOK(RU)		—	—	—	LPT0441-001A
△ 313	CONVERSION PLUG		—	PEMC1012	—	—
316	WARRANTY CARD		—	—	BT-56001-2	BT-54012-1
317	SERVICE NET CARD		—	—	BT-56002-2	—

CABINET AND CHASSIS ASSEMBLY <M2>

REF. NO.	ITEM	MODEL	HR-J471MS	HR-J471MS/S	HR-J475EA	HR-J475EE
△ 501	FRONT PANEL ASSY		LP10293-015B	←	LP10293-017B	LP10293-019B
501A	CASSETTE DOOR		LP20868-019A	←	LP20868-021A	LP20868-019A
501C	DISPLAY WINDOW		LP20869-054A	←	LP20869-056A	LP20869-058A
△ 517	POWER CORD		QMP4A10-170	QMP73J0-170	QMP2990-220	QMP4A10-170
529	POLY BAG(POWER PLUG)		—	—	PM30137	—

MAIN BOARD ASSEMBLY <03>

REF. NO.	ITEM	MODEL	HR-J471MS	HR-J471MS/S	HR-J475EA	HR-J475EE
PW1	MAIN BOARD ASSY		LPA10088-32D1	←	LPA10088-33D1	LPA10088-32D1
IC3004	IC		M24C04-BN6	←	M24C08-BN6	M24C04-BN6
Q5301	TRANSISTOR		2SB1256-T	←	—	2SB1256-T
Q5302	DIGI TRANSISTOR		DTC114TUA-X	←	—	DTC114TUA-X
D5305	SI DIODE/IM BUS WIRE		11ES2-T2	←	QUY160-100Y	11ES2-T2
R5308	MG RESISTOR		NRSA02J-472X	←	—	NRSA02J-472X
R5309	MG RESISTOR		NRSA02J-222X	←	—	NRSA02J-222X

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



JVC

VICTOR COMPANY OF JAPAN, LIMITED
VIDEO DIVISION

S40894