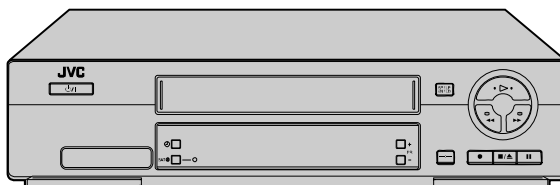


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SERVICE MANUAL

VIDEO CASSETTE RECORDER

HR-J271EU



Regarding service information other than these sections, refer to the HR-J270EU service manual (No. 82790). Also, be sure to note important safety precautions provided in the service manual.

SPECIFICATIONS

(The specifications shown pertain specifically to the model HR-J670EU/671EU/672EU/673EU/674EU, HR-J470EU/472EU, HR-J270EU/271EU/272EU)

GENERAL

Power requirement : AC 220 – 240 V \sim , 50/60 Hz
Power consumption
[HR-J670/671/672/673/674EU]
Power on : 19 W
Power off : 4.9 W
[HR-J470/472/270/271/272EU]
Power on : 17 W
Power off : 4.9 W
Temperature
Operating : 5°C to 40°C
Storage : -20°C to 60°C
Operating position : Horizontal only
Dimensions (WxHxD) : 400 x 94 x 278 mm
Weight : 3.5 kg
Format : VHS PAL standard
Maximum recording time
(SP) : 240 min. with E-240 video cassette
(LP) [HR-J670/671/672/673/674/470/472EU only]
: 480 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 [HR-J670/671/672/673/674/470/472EU]
Rotary two-head helical scan system [HR-J270/271/272EU]
Signal-to-noise ratio : 45 dB
Horizontal resolution : 250 lines

Frequency range : 70 Hz to 10,000 Hz (Normal audio)
20 Hz to 20,000 Hz (Hi-Fi audio)
[HR-J670/671/672/673/674EU only]
Input/Output : 21-pin SCART connectors :
IN/OUT x 1, IN/DECODER x 1
RCA connectors:
AUDIO OUT x 1
[HR-J670/671/672/673/674EU only]

TUNER/TIMER

TV channel storage capacity : 99 positions (+AUX position)
Tuning system : Frequency synthesized tuner
Channel coverage : VHF 47 – 89/104 – 300/
302 – 470MHz
UHF 470 – 862MHz
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
Optional accessories : Satellite Controller RM-SD1

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

TABLE OF CONTENTS

DIFFERENT TABLE 1

4. CHARTS AND DIAGRAMS (4-1 to 4-3)

4.1 MAIN, A/C HEAD, MINI OPE, LOADING MOTOR AND R.PAUSE CIRCUIT BOARDS 4-2

The following table indicate main different point between models HR-J270EU and HR-J271EU.

ITEM	MODEL	HR-J270EU	HR-J271EU
FRONT PANEL COLOR		D.SILVER	BLACK & GOLD LETTER

The following table indicate different parts number between models HR-J270EU and HR-J271EU.

PACKING AND ACCESSORY ASSEMBLY <M1>

REF. NO	ITEM	MODEL	HR-J270EU	HR-J271EU
306	REMOTE CONTROLLER		LP20878-002A	LP20878-003A
306A	COVER(BATTERY)		LP40610-002A	LP40610-001A
△ 310	INST.BOOK(CZ)		LPT0322-013A	—
△ 310	INST.BOOK(PO)		LPT0322-014A	—
△ 310	INST.BOOK(HU)		LPT0322-015A	—

CABINET AND CHASSIS ASSEMBLY <M2>

REF. NO	ITEM	MODEL	HR-J270EU	HR-J271EU
△ 501	FRONT PANEL ASSY		LP10289-013D	LP10289-053A
501A	CASSETTE DOOR		LP20868-011A	LP20868-029A
501C	DISPLAY WINDOW		LP20869-017A	LP20869-073A
△ 502	TOP COVER		LP10013-017C	LP10013-023D

MAIN BOARD ASSEMBLY <03>

REF. NO	ITEM	MODEL	HR-J270EU	HR-J271EU
PW1	MAIN BOARD ASSY		*LPA10086-08D1	LPA10086-08F1
IC1	IC		*JCP8021-MVB	JCP8021-MVD
IC6080	IC		*BA15218F-EX	BA10358F-XE
D5301	ZENER DIODE		*MTZJ15A	MTZJ15C
R21	MG RESISTOR		*NRSA02J-0R0X	—
R79	MG RESISTOR		*NRSA02J-335X	—
R5306	MG RESISTOR		*NRSA02J-333X	NRSA02J-563X
C5310	F CAPACITOR		*QFLC1HJ-223Z	—
L7102	MG RESISTOR		*NRSA02J-0R0X	NQR0200-003X
TU6001	TUNER		*QAU0150-001	QAU0150-002
WR1	SIN TWIST WIRE,C43		*QUB321-06A4A4	QUB351-06A3A3

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



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VICTOR COMPANY OF JAPAN, LIMITED
VIDEO DIVISION

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