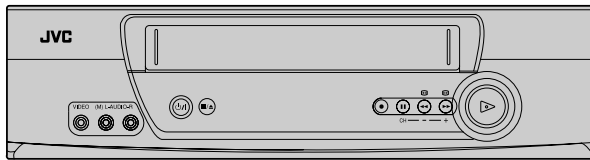


# JVC

## SERVICE MANUAL

### VIDEO CASSETTE RECORDER

# HR-J6008UM



Regarding service information other than these sections, refer to the HR-VP59U service manual (No. 82833). Also, be sure to note important safety precautions provided in the service manual.

### SPECIFICATIONS

#### GENERAL

Power requirement	: AC 110 V – 220 V~, 50 Hz/60 Hz
Power consumption	
Power on	: 16 W
Power off	: 2.0 W
Temperature	
Operating	: 5°C to 40°C
Storage	: –20°C to 60°C
Operating position	: Horizontal only
Dimensions (W x H x D)	: 360 mm x 94 mm x 247 mm
Weight	: 3.0 kg
Format	: 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	: 230 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 1, 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 ohms, unbalanced

#### TIMER

Clock reference	: Quartz
Program capacity	: 1-year programmable timer/8 programs
Memory backup time	: Approx. 6 months Estimated figure based on supplied fresh battery; actual performance may differ.

#### ACCESSORIES

Provided accessories	: RF cable (F-type), Lithium battery CR2025, Infrared remote control unit, “AA” battery x 2, Conversion plug
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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-VP59U and HR-J6008UM.

ITEM	MODEL	HR-VP59U	HR-J6008UM
POWER VOLTAGE(RATING)		120V/60Hz	110-220V,50/60Hz
POWER PLUG		UL,CSA	SASO
POWER SAVE		ENERGY STAR	NOT USED
B.E.S.T.PICTURE		AUTO PICTURE	A.V.CALIBRATION
PERMANENT PROGRAM		USED	NOT NSED
BACKUP TIME		NOT USED	LT BATTERY
AUTO CLOCK/JUST CLOCK		USED	NOT USED
VCR PLUS+		USED	NOT USED
REC RESUME		NOT USED	USED
HEAD CLEANER		NOT USED	USED
FRONT PANEL color		BLACK	SILVER

The following tables indicate different parts number between models HR-VP59U and HR-J6008UM.

### PACKING AND ACCESSORY ASSEMBLY <M1>

REF. NO	ITEM	MODEL	HR-VP59U	HR-J6008UM
301	PACKING CASE		LP30836-001A	LP30836-013B
302	CUSHION ASSY		LP30777-001B	*LP30777-001C
306	REMOTE CONTROLLER		LP20878-009A	LP20878-004C
306A	COVER(BATTERY)		LP40610-001A	LP40610-002A
△ 309	LT.BATTERY		—	PECA0903
△ 310	INST BOOK(EN)		LPT0471-001A	LPT0534-001A
△	INST BOOK(SP)		—	LPT0534-002A
311	POLY BAG		—	QPC02503530P
△ 313	CONVERSION PLUG		—	PEMC1012
317	REGIST.CARD		BT-51020-2	—
318	CONNECTION SHEET		—	PU36560-2

**Notes :** Mark ← is same as left.  
 Mark — is not used.  
 Mark : \* reference model was also changed.

**FINAL ASSEMBLY <M2>**

REF. NO	ITEM	MODEL	HR-VP59U	HR-J6008UM
△ 501	FRONT PANEL ASSY		LP10348-001A	LP10348-007H
501A	CASSETTE DOOR		LP20977-001A	LP20977-007C
501C	DISPLAY WINDOW		LP20976-001A	LP20976-007A
502	TOP COVER		LP10352-002A	LP10352-008A
503	SCREW,X2 TOP COVER(SIDE)		QTYTDSF3010M	QYTDSF3010R
504	SCREW, TOP COVER(REAR)		—	QYTDSF3010M
505A	UPPER DRUM ASSY		LP20982-001A	*—
505B	CAP		PDM4439	*—
505C	WASHER		PDM4444-19-2	*—
505D	COLLER ASSY		LP40572-001A	*—
△ 508	STATOR ASSY		QAR0169-001	*QAR0169-002
△ 511	BOTTOM CHASSIS		LP10350-003B	LP10350-005E
△ 517	POWER CODE		QMPD340-165-K(Incl<03>)	QMP73J0-170
518	CLEANER ASSY		—	LP40369-001D
518A	CLEANER ROLLER		—	PQ46418-1-2
518B	CLEANER		—	PQ46419-1-2
518C	CLEANER ARM		—	LP30407-001D
532	CAP,LT.BATTERY		—	LP30336-001A
533	SCREW,TERMINAL		—	QYTDSF3010F

**MECHANISM ASSEMBLY <M4>**

REF. NO	ITEM	MODEL	HR-VP59U	HR-J6008UM
25	PIN		LP40100-001A	*LP40100-002A
42	PINCH ROLLER ARM ASSY		LP40105-002A	*LP40105-003A
43	P.R.SHEET2/P.R.SHEET3		LP40478-001A	*LP40753-001A
47	SLIT WASHER		LP30016-002A	*—
69	CONTROL PLATE		LP10201-003E	*LP10201-003G
91	SPACER,CAPSTAN MOTOR		—	*LP30002-097A

**MAIN BOARD ASSEMBLY <03>**

REF. NO	ITEM	MODEL	HR-VP59U	HR-J6008UM
PW1	MAIN BOARD ASSY		LPA10130-01B1	LPA10130-06D1

**LT.BATTERY BOARD ASSEMBLY <93>**

REF. NO	ITEM	MODEL	HR-VP59U	HR-J6008UM
PW4	LT.BATTERY BOARD ASSY		—	LPA10130-01A4
BT3001	BATTERY HOLDER		—	QNZ0032-001

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**JVC**

VICTOR COMPANY OF JAPAN, LIMITED  
VIDEO DIVISION

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