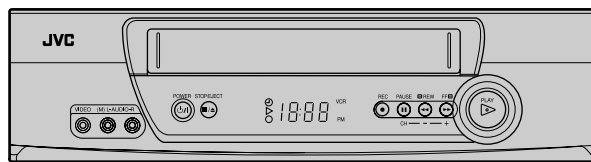


JVC

SERVICE MANUAL

VIDEO CASSETTE RECORDER

HR-A57U



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 *(The specifications shown pertain specifically to the model HR-A57U/A37U)*

GENERAL

Power requirement	: AC 120 V ~ , 60 Hz
Power consumption	
[HR-A57U]	
Power on	: 18 W
Power off	: 2.0 W
[HR-A37U]	
Power on	: 16 W
Power off	: 2.0 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)	: 360 mm x 94 mm x 247 mm (14-3/16" x 3-3/4" x 9-3/4")
Weight	: 3.0 kg (6.6 lbs)
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	
[HR-A57U]	
Normal audio	: 70 Hz to 10,000 Hz
Hi-Fi audio	: 20 Hz to 20,000 Hz
[HR-A37U]	
Normal audio	: 70 Hz to 10,000 Hz
Input/Output	: RCA 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 ohms, unbalanced

TIMER

Clock reference	: Quartz
Program capacity	: 1-year programmable timer/8 programs
Memory backup for timer is not supported.	

ACCESSORIES

Provided accessories	: RF cable (F-type), Infrared remote control unit, "AA" battery x 2
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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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DIFFERENT TABLE (1 only)

4. CHARTS AND DIAGRAM (4-1 to 4-4)

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4.2 REMOTE CONTROLLER SCHEMATIC DIAGRAM 4-4

The following table indicate main different points between models HR-VP59U,HR-A57U and HR-A57U(C).

ITEM	MODEL	HR-VP59U	HR-A57U	HR-A57U(C)
VCR PLUS+		USED	NOT USED	←
REMOTE CONTROLLER		TV MBR/CABLE&DBS	NOT MBR	←
FRONT PANEL color		BLACK	DARK GRAY	←

The following tables indicate different parts number between models HR-VP59U,HR-A57U and HR-A57U(C).

PACKING AND ACCESSORY ASSEMBLY <M1>

REF. NO	ITEM	MODEL	HR-VP59U	HR-A57U	HR-A57U(C)
301	PACKING CASE		LP30836-001A	LP30836-006A	←
310	INST BOOK(EN)		LPT0471-001A	LPT0497-001A	←
	INST BOOK(FR)		—	—	LPT0497-003A
306	REMOTECONTEROLLER		LP20878-009A	LP20878-001A	←
316	WARRANTY CARD		—	—	BT-52004-1
317	REGIST.CARD		BT-51020-2	←	—
319	SER.NET CARD		—	—	BT-20071B

FINAL ASSEMBLY <M2>

REF. NO	ITEM	MODEL	HR-VP59U	HR-A57U	HR-A57U(C)
501	FRONT PANEL ASSY		LP10348-001A	LP10348-003A	←
501A	CASSETTE DOOR		LP20977-001A	LP20977-002A	←
501C	DISPLAY WINDOW		LP20976-001A	LP20976-003A	←

MAIN ASSEMBLY <03>

REF. NO	ITEM	MODEL	HR-VP59U	HR-A57U	HR-A57U(C)
PW1	MAIN BOARD ASSY		*PA10130-01B1	LPA10130-01C1	←
C5203	E CAPACITOR		*QEMT1AM-687	QETN1AM-108	←
C5204	E CAPACITOR		*QETN2AM-475	QETJ2AM-475	←

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

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