

# JVC

## SERVICE MANUAL

### VIDEO CASSETTE RECORDER

## HR-VP693U/VP793U



Regarding service information other than these sections, refer to the HR-VP690U/VP790U service manual (No. 82841). Also, be sure to note important safety precautions provided in the service manual.

### SPECIFICATIONS *(The specifications shown pertain specifically to the model HR-VP793U)*

#### GENERAL

Power requirement	: AC 120 V ~ , 60 Hz
Power consumption	
Power on	: 18 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)	: 400 mm x 94 mm x 255 mm (15-3/4" x 3-3/4" x 10-1/16")
Weight	: 3.1 kg (6.8 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	
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)

#### 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.

**[HR-VP693U/VP693U(C)]**

The following tables indicate main different points between models HR-VP690U,HR-VP693U and HR-VP693U(C).

ITEM	MODEL	HR-VP690U	HR-VP693U	HR-VP693U(C)
B.E.S.T.PICTURE		AUTO PICTURE	A.V.CALIBRATION	←

The following tables indicate different parts number between models HR-VP690U,HR-VP693U and HR-VP693U(C).

**PACKING AND ACCESSORY ASSEMBLY <M1>**

REF. NO	ITEM	MODEL	HR-VP690U	HR-VP693U	HR-VP693U(C)
△ 310	INST BOOK(EN)		LPT0499-001A	LPT0500-001A	←
△	INST BOOK(FR)		—	—	LPT0500-003A
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-VP690U	HR-VP693U	HR-VP693U(C)
501	FRONT PANEL ASSY		LP10289-059A	LP10289-058A	←
501C	DISPLAY WINDOW		LP20869-078A	LP20869-077A	←

**[HR-VP793U/VP793U(C)]**

The following tables indicate main different points between models HR-VP790U,HR-VP793U and HR-VP793U(C).

ITEM	MODEL	HR-VP790U	HR-VP793U	HR-VP793U(C)
B.E.S.T.PICTURE		AUTO PICTURE	A.V.CALIBRATION	←

The following tables indicate different parts number between models HR-VP790U,HR-VP793U and HR-VP793U(C).

**PACKING AND ACCESSORY ASSEMBLY <M1>**

REF. NO	ITEM	MODEL	HR-VP790U	HR-VP793U	HR-VP793U(C)
△ 310	INST BOOK(EN)		LPT0501-001B	LPT0502-001B	←
△	INST BOOK(FR)		—	—	LPT0502-003B
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-VP790U	HR-VP793U	HR-VP793U(C)
△ 501	FRONT PANEL ASSY		LP10289-057C	LP10289-056C	←
501C	DISPLAY WINDOW		LP20869-076A	LP20869-075A	←

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

(Sanwa)-V14D1/D15  
HR-VP693U(U), VP793U(U)

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