

JVC

SERVICE MANUAL

VIDEO CASSETTE RECORDER

HR-J681EU, J682EK/EU, J781EU



SHOWVIEW[®]
DELUXE
SQPB
Hi-Fi **VHS**
PAL

Regarding service information other than these sections, refer to the HR-J680EU/EK, J780EU service manual (No. 82847). Also, be sure to note important safety precautions provided in the service manual.

SPECIFICATIONS *(The specifications shown pertain specifically to the model HR-J780EU/J781EU)*

GENERAL

Power requirement	: AC 220 V – 240 V ~ , 50 Hz/60 Hz
Power consumption	
Power on	: 16 W
Power off	: 4.0 W
Temperature	
Operating	: 5°C to 40°C
Storage	: -20°C to 60°C
Operating position	: Horizontal only
Dimensions (WxHxD)	: 400 mm x 94 mm x 278 mm
Weight	: 3.4 kg
Format	: VHS PAL standard
Maximum recording time	
(SP)	: 240 min. with E-240 video cassette
(LP)	: 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
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)
Input/Output	: 21-pin SCART connectors : IN/OUT x 1, IN/DECODER x 1 RCA connectors: VIDEO IN x 1, AUDIO IN x 1, AUDIO OUT x 1

TUNER/TIMER

TV channel storage capacity	: 99 positions (+AUX position)
Tuning system	: Frequency synthesized tuner
Channel coverage	: VHF 47 MHz – 89 MHz/ 104 MHz – 300 MHz/ 302 MHz – 470 MHz UHF 470 MHz – 862 MHz
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.*

[HR-J682EK]

The following tables indicate main different points between models HR-J680EK and HR-J682EK.

ITEM	MODEL	HR-J680EK	HR-J682EK
FRONT PANEL color		PURE SILVER	BLACK
DISPLAY WINDOW color		LIGHT GRAY	DARK GRAY
REMOTE CONTROLLER color		SILVER	BLACK

The following tables indicate different parts number between models HR-J680EK and HR-J682EK.

PACKING AND ACCESSORY ASSEMBLY <M1>

REF.No.	ITEM	MODEL	HR-J680EK	HR-J682EK
306	REMOTE CONTROLLER		LP20878-002A	LP20878-003A
306A	COVER(BATTERY)		LP40610-002A	LP40610-001A

FINAL ASSEMBLY <M2>

REF.No.	ITEM	MODEL	HR-J680EK	HR-J682EK
△ 501	FRONT PANEL ASSY		LP10333-012B	LP10333-022A
501A	CASSETTE DOOR		LP20961-001A	LP20961-003A
△ 502	TOP COVER		LP10013-051A	LP10013-023D
503	SCREW,X4 TOP COVER(SIDE)		QYTDSF3010R	QYTDSF3010M

[HR-J681EU/J682EU]

The following tables indicate main different points between models HR-J680EU,HR-J681EU and HR-J682EU.

ITEM	MODEL	HR-J680EU	HR-J681EU	HR-J682EU
FRONT PANEL color		PURE SILVER	←	BLACK
DISPLAY WINDOW color		LIGHT GRAY	GREEN	DARK GRAY
REMOTECONTROLLER color		SILVER	←	BLACK

The following tables indicate different parts number between models HR-J680EU,HR-J681EU and HRJ682EU.

PACKING AND ACCESSORY ASSEMBLY <M1>

REF.No.	ITEM	MODEL	HR-J680EU	HR-J681EU	HR-J682EU
306	REMOTE CONTROLLER		LP20878-002A	←	LP20878-003A
306A	COVER(BATTERY)		LP40610-002A	←	LP40610-001A

FINAL ASSEMBLY <M2>

REF.No.	ITEM	MODEL	HR-J680EU	HR-J681EU	HR-J682EU
△ 501	FRONT PANEL ASSY		LP10333-001B	LP10333-013B	LP10333-014B
501A	CASSETTE DOOR		LP20961-001A	←	LP20961-003A
△ 502	TOP COVER		LP10013-051A	←	LP10013-023D
503	SCREW,X4TOP COVER(SIDE)		QYTDSF3010R	←	QYTDSF3010M

[HR-J781EU]

The following tables indicate main different points between models HR-J780EU and HR-J781EU.

ITEM	MODEL	HR-J780EU	HR-J781EU
WINDOW DISPLAY color		BLUE	GREEN

The following tables indicate different parts number between models HR-J780EU and HR-J781EU.

FINAL ASSEMBLY <M2>

REF.No.	ITEM	MODEL	HR-J780EU	HR-J781EU
△ 501	FRONT PANEL ASSY		LP10333-005B	LP10333-011B

Notes : Mark ← is same as left.

E. & O. E. No. 82850

(Sanwa)-V14D11/D12/D17
HR-J681EU, J682EK/EU, J781EU

JVC

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VIDEO DIVISION

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