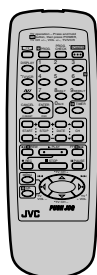


JVC

SERVICE MANUAL

VIDEOCASSETTE

HR-J486EN/J486M/J683M



Hi-Fi

VHS
M-PAL NTSC

SQPB
NTSC/M-PAL

Regarding service information other than these sections, refer to the HR-J686M service manual (No. 82785). Also, be sure to note important safety precautions provided in the service manual.

ESPECIFICAÇÕES *(The specifications shown pertain specifically to the model HR-J683M/J486M)*

GERAL

Requisitos de Alimentação	: AC 110 V – 220 V ~ , 50 Hz/ 60 Hz
Consumo de energia	
Sim	: HR-J683M 19 W HR-J486M 17 W
Não	: 2.5 W
Temperatura	
Em funcionamento	: 5°C to 40°C (41°F to 104°F)
Armazenagem	: -20°C to 60°C (-4°F to 140°F)
Posição de Funcionamento	: Apenas na horizontal
Dimensões (C x A x P)	: 360 mm x 94 mm x 278 mm
Peso	: 3.3 kg
Formato	: VHS standard
Tempo máximo de gravação	
SP	: 210 min. com cassette de vídeo ST-210
EP	: 630 min. com cassette de vídeo ST-210

VÍDEO/AUDIO

Sistema de sinal	: PAL-M- sinal de tipo cor e sinal monocromo EIA, 525 linhas/60 campos, NTSC-sinal tipo cor e sinal monocromo EIA, 525 linhas/60 campos (apenas para leitura)
Sistema de Gravação/ Leitura	: Cabeça DA-4 (Azimute duplo), sistema de scan helicoidal
Rácio de sinal-barulho	: 45 dB
Resolução horizontal	: 230 linhas
Amplitude de frequência	
Audio normal	: 70 Hz a 10,000 Hz
Audio Hi-Fi	
(Apenas HR-J683M)	: 20 Hz a 20,000 Hz
Entrada/Saída	: Ligações RCA (ENTRADA x 1, SAÍDA x 1)

SINTONIZADOR

Sistema de sintonizador	: Frequência-sintonizador sintetizado
Alcance dos canais	
VHF	: Canais 2-13
UHF	: Canais 14-69
CATV	: 113 Canais
Saída RF	: Canal 3 ou 4 (alterável; pré-ajustado na fábrica para canal 3) 75 Ω Não equilibrado

TEMPORIZADOR

Referência de relógio	: Quartz
Capacidade de Programa	: 1 ano de temporizador programável/8 programas
Reserva de tempo de Memória	: Aprox. 6 meses. Figura estimadas, baseada no fornecimento de uma pilha nova; o funcionamento concreto pode variar.

ACESSÓRIOS

Acessórios fornecidos	: Cabo RF, Unidade de controle remoto de raios infravermelhos, Pilha de lítio CR2025, Pilha de tamanho "AA" x 2, Adaptador*
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* Não fornecido em certas áreas

As especificações explicadas referem-se ao modo SP excepto especificado em contrário.

O design E & O.E e especificações estão sujeitas a alteração sem aviso prévio.

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The following table indicate main different points between models HR-J686M,HR-J486EN,HR-J486M and HR-J683M.

ITEM	MODEL	HR-J686M	HR-J683M	HR-J486M	HR-J486EN
JOG/SHUTTLE DIAL ON DECK		USED	USED	USED	NOT USED
VIDEO SYSTEM		PAL-M/NTSC NTSC → PAL-M PB	←	←	PAL-N/NTSC
AUDIO		HiFi AUDIO	←	NORMAL AUDIO	←
TV MULTI BRAND REMOCON		C.BOX/DBS	NOT USED	NOT USED	C.BOX/DBS
FRONT PANEL COLER		CHMPAGNE GOLD	SILVER	←	LIGHT SILVER

The following tables indicate different parts number between models HR-J686M,HR-J486EN,HR-J486M and HR-J683M.

PACKING AND ACCESSORY ASSEMBLY <M1>

△ REF. NO.	ITEM	MODEL	HR-J686M	HR-J683M	HR-J486M	HR-J486EN
301	PACKING CASE		LP30658-018A	LP30670-016A	LP30670-014A	LP30670-018A
302	CUSHION ASSY		LP30718-001A	LP30671-001C	LP30671-001C	LP30671-001C
303	POLY BAG		PQM30021-93	PQM30021-92	←	←
306	REMOTE CONTROLLER		LP20878-007B	LP20034-017A	←	(**)LP20303-016B
306A	COVER(BATTERY)		LP40610-002A	LP40033-001A	←	LP40225-001A
△ 310	INST BOOK(PT)		LPT0375-001A	LPT0374-001A	←	—
△	INST BOOK(SP)		—	—	—	LPT0377-001A
312	RF CABLE		PEAC0446-120	←	←	LPA0294-04
313	MATCHING TRANSFORMER		PU35613-2	—	PU35613-2	—
316	WARRANTY CARD		BT-53003-1	←	←	—
317	S.CENTER LIST		BT-53002-1	←	←	—

(**) Remote controller of the HR-J486EN is different from that of the HR-J686M but it is the same as that of the HR-J686EN.
For the Schematic diagram, please refer to the HR-J686EN.

CABINET AND CHASSIS ASSEMBLY<M2>

△ REF. NO.	ITEM	MODEL	HR-J686M	HR-J683M	HR-J486M	HR-J486EN
△ 501	FRONT PANEL ASSY		LP10289-033C	LP10293-012C	LP10293-011B	LP10293-014A
501A	CASSETTE DOOR		LP20868-007A	←	LP20868-006A	←
501C	DISPLAY WINDOW		LP20869-043A	LP20869-045A	LP20869-044A	LP20869-048A
502	TOP COVER		LP10013-027C	PQ11898-38-18	←	←
505	DRUM SUB ASSY		LP20617-001A	←	LP20617-003A	LP20617-004A
505A	UPPER DRUM ASSY		LP20616-001A	←	LP20084-002A	LP20084-006A
△ 511	BOTTOM CHASSIS		LP10108-009C	LP20262-006E	←	←
512	BOTTOM COVER		LP10014-001B	PQ11899-1-4	←	←
△ 523	POWER CODE		QMP73K0-170	←	←	QMPR130-170-JC
528	POLY BAG(POWER PLUG)		—	—	—	PM30137

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

MAIN BOARD ASSEMBLY <03>

△ REF. NO.	ITEM	MODEL	HR-J686M	HR-J683M	HR-J486M	HR-J486EN
PW1	MAIN BOARD ASSY		LPA10088-14D1	LPA10088-37C1	LPA10088-15E1	LPA10088-19D1
D5301	ZENER DIODE		*MTZJ15A	MTZJ15C	***	***
R3226	MG RESISTOR		*NRSA02J-103X	NRSA02J-472X	***	***
R3227	MG RESISTOR		*NRSA02J-103X	NRSA02J-472X	***	***
R5306	MG RESISTOR		*NRSA02J-563X	NRSA02J-393X	***	***
R5333	QMF RESISTOR		* —	QRL02DJ-391X	***	***
R5334	QMF RESISTOR		* —	QRL02DJ-391X	***	***
C5304	FCAPACITOR		*QFLC1HJ-563Z	QFVF1HJ-124Z	***	***

MINI FRONT BOARD ASSEMBLY <28>

△ REF. NO.	ITEM	MODEL	HR-J686M	HR-J683M	HR-J486M	HR-J486EN
PW6	MINI FRONT BOARD ASSY		LPA10088-02C6	←	LPA10088-01C6	LPA10088-02C6

- Notes :
- Mark — is not used.
 - Mark ← is same as left.
 - Mark * reference model was also charged.
 - Mark *** is indicated on the parts list.



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VICTOR COMPANY OF JAPAN, LIMITED
VIDEO DIVISION

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