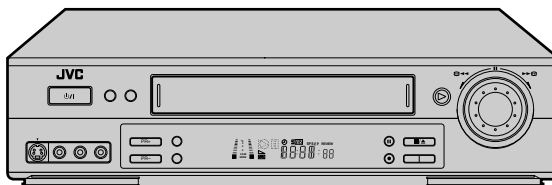


JVC

SERVICE MANUAL

VIDEO CASSETTE RECORDER

HR-S5700AM,AMEA,AM/H,AM/S



G-CODE™
SHOWVIEW™
Hi-Fi SVHS
525/625
Super VHS ET

Regarding service information other than these sections, refer to the HR-S6700EU service manual (No. 82796). Also, be sure to note important safety precautions provided in the service manual.

SPECIFICATIONS *(The specifications shown pertain specifically to the model HR-S5700AM)*

GENERAL

Power requirement	
Rating	: AC 110 – 240 V~, 50/60 Hz
Operating	: AC 90 – 260 V~, 50/60 Hz
Power consumption	: 22 W
Temperature	
Operating	: 5°C to 40°C
Storage	: -20°C to 60°C
Operating position	: Horizontal only
Dimensions (WxHxD)	: 400 x 94 x 347 mm
Weight	: 4.2 kg
Format	: S-VHS/VHS standard
Maximum recording time	
(SP)	: 240 min. with E-240 video cassette (PAL/MESECAM) : 160 min. with T-160 video cassette (NTSC)
(LP)	: 480 min. with E-240 video cassette (PAL/MESECAM)
(EP)	: 480 min. with T-160 video cassette (NTSC)

VIDEO/AUDIO

Signal system	: PAL-type colour signal and CCIR monochrome signal, 625 lines/50 fields : NTSC colour and EIA monochrome signals, 525 lines/60 fields
Recording system	: DA-4 (Double Azimuth) head helical scan system
Signal-to-noise ratio	: 45 dB
Horizontal resolution	: 400 lines (S-VHS) 250 lines (VHS PAL/MESECAM) 220 lines (VHS NTSC)
Frequency range	: 70 Hz to 10,000 Hz (Normal audio) 20 Hz to 20,000 Hz (Hi-Fi audio)
Input/Output	: RCA connectors (IN x 2, OUT x 1) S-Video connectors (IN x 2, OUT x 1)

TUNER/TIMER

TV channel storage capacity	: 99 positions (+AUX position)
Tuning system	: Frequency synthesized tuner
Channel coverage	: VHF (Low) 42 – 175 MHz (High) 175 – 470 MHz UHF 470 – 870 MHz
Aerial output	: UHF channels (Adjustable E28 – E60)
Memory backup time	: Approx. 6 months Estimated figure based on supplied fresh battery; actual performance may differ.

ACCESSORIES

Provided accessories	: RF cable, S-Video cable, Infrared remote control unit, "R6/UM-3" battery x 2, Lithium battery CR2025, Conversion plug*
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*Not provided in certain areas.

*Specifications shown are for SP mode unless otherwise specified.
Design and specifications subject to change without notice.*

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The following table indicate main different points between models HR-S6700EU, HR-S5700AM, HR-S5700AMEA, HR-S5700AM/H and HR-S5700AM/S.

ITEM	MODEL	HR-S6700EU	HR-S5700AM	HR-S5700AMEA	HR-S5700AM/H	HR-S5700AM/S
POWER CORD		CEE(CLASSII)	←	SAA(CLASSII)	SASO(CLASSII)	3PIN(CLASSII)
VIDEO SYSTEM		PAL/MESECAM(MANUAL) NTSC PB ON PAL TV	PAL/MESECAM/NTSC3.58/ 4.43/NTSC PB ON PAL TV	←	←	←
PLAY BACK		SP/LP	SP/LP/EP	←	←	←
AUDIO DUBBING		NOT USED	LINE	←	←	←
VCR PLUS+		SHOW VIEW DELUXE	G-Code/SHOW VIEW	←	←	←
VPS(AUTO)		USED	NOT USED	←	←	←
HEAD CLEANER		NOT USED	USED	←	←	←
TV Multi Brand Remote Control		NOT USED	C.BOX/DBS	←	←	←

The following table indicate different parts number between models HR-S6700EU,HR-S5700AM,HR-S5700AMEA,HR-S5700AM/H and HR-S5700AM/S.

PACKING AND ACCESSORY ASSEMBLY <M1>

REF. NO.	ITEM	MODEL	HR-S6700EU	HR-S5700AM	HR-S5700AMEA	HR-S5700AM/H	HR-S5700AM/S
301	PACKING CASE		LP30711-001A	LP30772-001A	LP30772-002A	LP30772-004A	←
306	REMOTE CONTROLLER		LP20878-002A	LP20878-008A	←	←	←
309	LT.BATTERY		—	PECA0903	←	←	←
△ 310	INST.BOOK(EN)		LPT0317-001A	—	—	—	—
△ 310	INST.BOOK(EN)		LPT0325-001A	LPT0428-001A(EN)	←	←	LPT0428-002A(CH)
△ 310	INST.BOOK(GE)		LPT0325-002A	—	—	—	—
△ 310	INST.BOOK(FR)		LPT0325-003A	—	—	—	—
△ 310	INST.BOOK(DU)		LPT0325-004A	—	—	—	—
△ 310	INST.BOOK(SP)		LPT0325-005A	—	—	—	—
△ 310	INST.BOOK(IT)		LPT0325-006A	—	—	—	—
△ 310	INST.BOOK(DA)		LPT0325-007A	—	—	—	—
△ 310	INST.BOOK(FI)		LPT0325-008A	—	—	—	—
△ 310	INST.BOOK(SW)		LPT0325-009A	—	—	—	—
△ 310	INST.BOOK(NO)		LPT0325-010A	—	—	—	—
△ 310	INST.BOOK(PT)		LPT0325-011A	—	—	—	—
△ 310	INST.BOOK(GR)		LPT0325-012A	—	—	—	—
△ 310	INST.BOOK(CZ)		LPT0325-013A	—	—	—	—
△ 310	INST.BOOK(PO)		LPT0325-014A	—	—	—	—
△ 310	INST.BOOK(HU)		LPT0325-015A	—	—	—	—
△ 310	INST.BOOK(RU)		LPT0325-016A	—	—	—	—
312	RF CABLE		PEAC0300-02	PEAC0348-02	←	←	←
313	LED CABLE		QAL0095-005	—	—	—	—
314	S. CABLE		—	QAM0246-002	←	←	←
316	WARRANTY CARD		BT54013-1	—	BT56001-2	—	—
△ 321	CONVERSION PLUG		—	—	—	—	PEMC1012
322	SER.NET.CARD		—	—	BT56002-2	—	—

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

CABINET AND CHASSIS ASSEMBLY <M2>

△ REF. NO.	ITEM	MODEL	HR-S6700EU	HR-S5700AM	HR-S5700AMEA	HR-S5700AM/H	HR-S5700AM/S
△ 501	FRONT PANEL ASSY		LP10217-026A	LP10217-040C	←	LP10217-041C	←
501A	CASSETTE DOOR		LP20342-043A	LP20342-037A	←	←	←
501C	DISPLAY WINDOW		LP30531-020A	LP30531-034A	←	←	←
△ 502	TOP COVER		PQ11676-96-20	PQ11676-101	←	←	←
504	SCREW, TOP COVER (REAR)		QYTDSF3010M	—	—	—	—
518	CLEANER ASSY		—	LP40369-001D	←	←	←
518A	CLEANER ROLLER		—	PQ46418-1-2	←	←	←
518B	CLEANER		—	PQ46419-1-2	←	←	←
518C	CLEANER ARM		—	LP30407-001D	←	←	←
△ 523	POWER CORD		QMP4A10-170	QMP4A10-170	QMP2990-220	QMP73J0-170-JC	QMP73J0-170
530	KNOB (PLAY) (JOG)		LP30698-001A	LP30694-001A	←	←	←
531	KNOB (SHUTTLE)		LP30699-001B	LP30695-001A	←	←	←
532	BASE		LP30703-001A	—	—	—	—
533	SCREW, JOG/SHUTTLE		QYTDSF2612Z(x3)	QYTDSF2608Z(x2)	←	←	←
534	CAP (JACK)		LP30532-001A	—	—	—	—
△ 535	CONVERSION PLUG		—	—	—	QAM0001-001	—
536	CAP, LT. BATTERY		—	LP30336-001A	←	←	←
WR7	FFC WIRE, SHUTTLE (CN7002)		QUQU112-0614CG	—	—	—	—

MAIN BOARD ASSEMBLY <03>

△ REF. NO.	ITEM	MODEL	HR-S6700EU	HR-S5700AM	HR-S5700AMEA	HR-S5700AM/H	HR-S5700AM/S
PW1	MAIN BOARD ASSY		LPA10106-01B1	LPA10106-20B1	←	←	←

2D DIGITAL BOARD ASSEMBLY <05>

△ REF. NO.	ITEM	MODEL	HR-S6700EU	HR-S5700AM	HR-S5700AMEA	HR-S5700AM/H	HR-S5700AM/S
PW1	2D DIGITAL BOARD ASSY		LPA10090-02B	LPA10090-02C	←	←	←
R1207	MG RESISTOR		NRSA02J-822X	NRSA02J-562X	←	←	←
R1213	MG RESISTOR		NRSA02J-151X	NRSA02J-331X	←	←	←
R1214	MG RESISTOR		NRSA02J-1891X	NRSA02J-101X	←	←	←
R1216	MG RESISTOR		NRSA02J-151J	NRSA02J-331X	←	←	←
R1217	MG RESISTOR		NRSA02J-151X	NRSA02J-101X	←	←	←
C1222	CAPACITOR		NDC21HJ-151X	NDC21HJ-680X	←	←	←
C1223	CAPACITOR		NDC21HJ-680X	NDC21HJ-270X	←	←	←
C1225	CAPACITOR		NDC21HJ-151X	NDC21HJ-680X	←	←	←
C1226	CAPACITOR		NDC21HJ-680X	NDC21HJ-270X	←	←	←
L1205	COIL		QQL071J-2R7Y	QQL071J-6R8Y	←	←	←
L1226	COIL		QQL071J-2R7Y	QQL071J-6R8Y	←	←	←

TERMINAL BOARD ASSEMBLY <06>

△ REF. NO.	ITEM	MODEL	HR-S6700EU	HR-S5700AM	HR-S5700AMEA	HR-S5700AM/H	HR-S5700AM/S
PW1	TERMINAL BOARD ASSY		LPA10100-01B	LPA10101-11A	←	←	←

DEMODO BOARD ASSEMBLY <14>

△ REF. NO.	ITEM	MODEL	HR-S6700EU	HR-S5700AM	HR-S5700AMEA	HR-S5700AM/H	HR-S5700AM/S
PW1	DEMODO BOARD ASSY		LPA10094-01C	LPA10094-03A	←	←	←
R6705	MG RESISTOR		NRSA02J-271X	NRSA02J-101X	←	←	←
R6706	MG RESISTOR		NRSA02J-151X	—	—	—	—
R6707	MG RESISTOR		NRSA02J-220X	NRSA02J-470X	←	←	←
R6710	MG RESISTOR		NRSA02J-100X	NRSA02J-120X	←	←	←
R6713	MG RESISTOR		NRSA02J-223X	—	—	—	—
R6715	MG RESISTOR		NRSA02J-223X	—	—	—	—
C6703	CAPACITOR		—	NDC21HJ-221X	←	←	←
C6705	CAPACITOR		NCB21HK-102X	—	—	—	—
C6724	E CAPACITOR		QEKJ1HM-225Z	—	—	—	—
K6707	FERRITE BEAD		NQR0200-003X	—	—	—	—

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

S-SUB BOARD ASSEMBLY <15>

△ REF. NO.	ITEM	MODEL	HR-S6700EU	HR-S5700AM	HR-S5700AMEA	HR-S5700AM/H	HR-S5700AM/S
PW1	S-SUB BOARD ASSY		LPA10103-01A	LPA10103-03A	←	←	←
R522	MG RESISTOR		NRSA02J-103X	—	—	—	—
R523	MG RESISTOR		NRSA02J-103X	—	—	—	—
R524	MG RESISTOR		NRSA02J-103X	—	—	—	—
R533	MG RESISTOR		NRSA02J-101X	—	—	—	—
R534	MG RESISTOR		NRSA02J-101X	—	—	—	—
C552	CAPACITOR		NCB21HK-103X	—	—	—	—
C554	E CAPACITOR		QEKL1HM-105Z	—	—	—	—
C555	CAPACITOR		NCB21HK-103X	—	—	—	—
C556	CAPACITOR		NCB21HK-103X	—	—	—	—
C558	CAPACITOR		NCB21HK-103X	—	—	—	—
C568	CAPACITOR		NDC21HJ-680X	—	—	—	—
C569	CAPACITOR		NDC21HJ-680X	—	—	—	—
C570	CAPACITOR		NDC21HJ-680X	—	—	—	—
C571	CAPACITOR		NDC21HJ-680X	—	—	—	—
C572	CAPACITOR		NDC21HJ-680X	—	—	—	—
C573	CAPACITOR		NDC21HJ-680X	—	—	—	—

(*) Sw/Display and Jack board assemblies of the HR-S5700AM, HR-S5700AMEA, HR-S5700AM/H and HR-S5700AM/S is different from that of the HR-S6700EU but it is the same as that of the HR-S7700EU. For the Schematic diagrams and Circuit boards, please refer to the HR-S7700EU.

(*) SW/DISPLAY BOARD ASSEMBLY <28>

△ REF. NO.	ITEM	MODEL	HR-S7700EU	HR-S5700AM	HR-S5700AMEA	HR-S5700AM/H	HR-S5700AM/S
PW1	SW/DISPLAY BOARD ASSY		LPA10054-17A1	LPA10054-21A1	←	←	←
D7006	DIODE		1SS133	—	—	—	—
D7011	DIODE		SLR-342MC3F	—	—	—	—
R7042	RESISTOR		QRE141J-331Y	—	—	—	—
R7191	RESISTOR		—	QRE141J-750Y	←	←	←
C7192	CAPACITOR		QCBB1HJ-681Y	—	—	—	—
C7194	CAPACITOR		QCBB1HJ-681Y	—	—	—	—
L7191	RESISTOR/BUS WIRE		QRE141J-101Y	QUY153-050Y	←	←	←
L7192	RESISTOR/BUS WIRE		QRE141J-101Y	QUY153-050Y	←	←	←
L7196	COIL		QQL231J-1R0Y	QUY153-050Y	←	←	←
J7191	PIN JACK, VIDEO IN		PEMC1009-04	PEMC1126-04	←	←	←
J7192	PIN JACK, AUDIO(L) IN		PEMC1010-03	PEMC0922-03	←	←	←
J7193	PIN JACK, AUDIO(R) IN		PEMC1010-02	PEMC0922-02	←	←	←
HD5	LED HOLDER, D7011		PQM30038-7	—	—	—	—

(*) JACK BOARD ASSEMBLY <36>

△ REF. NO.	ITEM	MODEL	HR-S7700EU	HR-S5700AM	HR-S5700AMEA	HR-S5700AM/H	HR-S5700AM/S
PW4	JACK BOARD ASSY		LPA10054-17A4	LPA10054-21A4	←	←	←
R7193	RESISTOR		—	QRE141J-750Y	←	←	←
R7194	RESISTOR		—	QRE141J-750Y	←	←	←
C7196	BUS WIRE		—	QUY153-050Y	←	←	←
J7194	PIN JACK, S VIDEO		QND0084-001	QND0085-001	←	←	←

AUDIO ERASE BOARD ASSEMBLY <46>

△ REF. NO.	ITEM	MODEL	HR-S6700EU	HR-S5700AM	HR-S5700AMEA	HR-S5700AM/H	HR-S5700AM/S
PW2	AUDIO ERASE BOARD ASSY		LPA10106-01A2	LPA10106-02A2	←	←	←

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



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VIDEO DIVISION

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