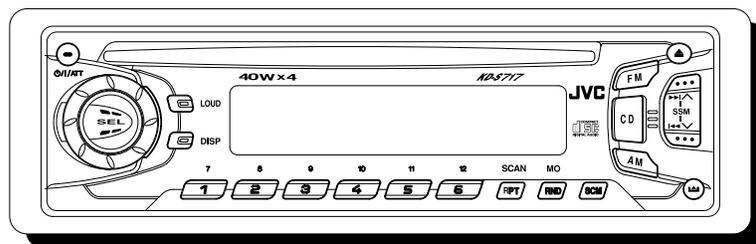
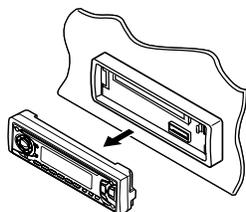


JVC

SERVICE MANUAL

CD RECEIVER

KD-S717



COMPACT
disc
DIGITAL AUDIO

Area Suffix

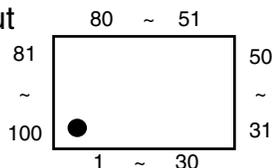
EE - - - - Russian Federation

This service manual is consisting of Discription of major IC,
and difference parts list with KD-S711R only.
For others, please refer to the service manual of KD-S711R (issue No.49603).

Description of major IC

■ UPD178078GF-544 (IC701) : System CPU

1.Pin layout



2.Pin function (1/2)

Pin NO.	Symbol	I/O	FUNCTION
1	NC	-	Non connection
2	BUSINT	I	JVC bus communication line
3	BUSSI	I	JVC bus communication line
4	BUSSO	O	JVC bus communication line
5	JBUS-SCK	O	JVC bus communication line
6,7	NC	-	Non connection
8	I2CDAI	I	Serial data input
9	I2CDAO	O	Serial data output
10	I2CCCLK	O	Serial clock output
11	NC	-	Non connection
12	LCDDA	O	LCD driver serial data output
13	LCDSCK	O	LCD driver serial clock output
14	BUSI/O	O	JVC bus output select
15	NC	-	Non connection
16	LCDCE	O	LCD driver communication line
17	SW2	I	CD mech switch
18	SW3	I	CD mech switch
19	SW4	I	CD mech switch
20	RSTSW	I	Traverse mech rest switch
21	ENC1	I	Encoder input
22	ENC2	I	Encoder input
23	KEY0	I	Key input
24	KEY1	I	Key input
25	KEY2	I	Key input
26	LEVEL	I	Audio level input
27	AVDD	-	Power supply
28	SM	I	Signal level meter input
29	SQ	I	Signal quality input
30,31	NC	-	Non connection
32	AVSS	-	Connect to GND
33	REGCPU	-	Connect to GND with capacitor
34	VDD	-	Power supply
35	REGOSC	-	Connect to GND with capacitor
36	X2	-	System clock
37	X1	I	System clock
38	GND0	-	Connect to GND
39	SD/ST	I	Station detector & Stereo indicator
40	GND2	-	Connect to GND
41	NC	-	Non connection
42	IFC	I	IF count input
43	VDDPLL	-	---
44	OSC	I	FM,AM osc input
45	NC	-	Non connection

2.Pin function (2/2)

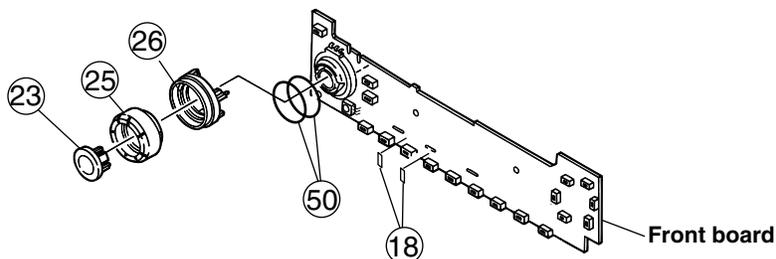
Pin NO.	Symbol	I/O	FUNCTION
46	GNDPLL	-	---
47	AMEQ	O	PLL error output for AM
48	FMEQ	O	PLL error output for FM
49	IC(VPP)	-	Setting to write for flash
50	RESET	I	System reset
51	SW1	I	CD mech switch
52	REMOCON	I	Remocon input
53	NC	-	Non connection
54	TEL_MUTE	O	TEL mute output
55	POWER	O	Power control
56	CDON	O	CD power control
57	MUTE	O	Mute control
58	STAGE 1	-	---
59	BUZZER	-	Non connection
60	STAGE 2	-	---
61~68	NC	-	Non connection
69	LM0	O	CD mech driver control
70	LM1	O	CD mech driver control
71	BUCK	O	CD LSI communication line
72	CCE	O	CD LSI communication line
73	BUS0	I/O	CD LSI communication line
74	BUS1	I/O	CD LSI communication line
75	BUS2	I/O	CD LSI communication line
76	BUS3	I/O	CD LSI communication line
77	RST	O	CD LSI communication line
78	PS1	I	ACC detection input
79	PS2	I	Memory detection
80	DETACH	I	Detach detection
81	RDSSCK	I	Clock input for RDS
82	GND1	-	Connect to GND
83	MONO	O	Mono by force
84	SEEK/STOP	O	Switching SEEK & STOP
85	FM/AM	O	Band switch
86	AFCK	O	AFcheck output
87	RDSDATA	I	RDS data input
88	PLLMONITOR	-	Non connection
89~98	NC	-	Non connection
99	VDDPORT	-	Vdd
100	GNDPORT	-	Connect to GND

■ Parts list (General assembly)

P3-3

Block No. M1MM

△	Item	Parts name	Parts number		Q'ty
			KD-S711R E	KD-S717 EE	
	16	FINDER	GE30111-003A	GE30111-006A	1
	19	POWER BUTTON	GE30105-002A	GE30105-002B	1
	24	SHEET	FSYH4036-032	-----	-
	28	SND FUNC BUTTON	GE30106-003A	GE30106-001A	1
	40	NAME PLATE	GE30143-002A	GE30134-002A	1
	50	SPACER	-----	LV40833-001A	2



■ Electrical parts list (Main board)

P3-7

Block No.01

△	Item	Parts name	Parts number	
			KD-S711R E	KD-S717 EE
	C2	C CAPACITOR	NDC21HJ-100X	-----
	C41	C CAPACITOR	NCB21HK-333X	NCB21EK-822AY
	C42	C CAPACITOR	NCB21HK-822X	NCB21EK-822AY
	C71	C CAPACITOR	NDC21HJ-820X	-----
	C72	C CAPACITOR	NDC21HJ-470X	-----
	C73	C CAPACITOR	NCB21HK-103X	-----
	C75	C CAPACITOR	NCS21HJ-561X	-----
	C76	E CAPACITOR	QEKJ1HM-225Z	-----
	C77	C CAPACITOR	NCB21EK-223X	-----
	C241	C CAPACITOR	NCB21HK-153X	QEKJ1HM-224Z
	C585	C CAPACITOR	-----	NCB21EK-102X
	C586	C CAPACITOR	-----	NCB21HK-103X
	C587	C CAPACITOR	-----	NCS21HJ-101X
	C714	C CAPACITOR	-----	NCS21HJ-101X
	C721	C CAPACITOR	NCB21EK-104X	-----
	IC71	IC	SAA6579T-X	-----
	IC701	IC	UPD178078GF-540	UPD178078GF-544
	Q41	TRANSISTOR	2SD601A/R-X	2SC3661
	R1	MG RESISTOR	NRSA02J-0R0X	NRSA02J-181NY
	R41	MG RESISTOR	NRSA02J-332X	NRSA02J-152X
	R71	MG RESISTOR	NRSA02J-222X	-----
	R72	MG RESISTOR	NRSA02J-222X	-----
	R73	MG RESISTOR	NRSA02J-222X	-----
	R241	MG RESISTOR	NRSA02J-224X	NRSA02J-683NY
	TU1	TUNER	QAU0222-001	QAU0221-001
	X71	CRYSTAL	QAX0263-001Z	-----

■ Electrical parts list (Front board)

P3-11

Block No.02

△	Item	Parts name	Parts number	
			KD-S711R E	KD-S717 EE
	JS690	JOG SHUTTLE SW	QSW0863-001	QSW0928-001
	PL601	PILOT LAMP	QLL0056-001	QLL0033-003
	PL602	PILOT LAMP	QLL0056-001	QLL0033-003

■Parts list (Packing)

P3-13

Block No.M3MM

△	Item	Parts name	Parts number		Q'ty
			KD-S711R E	KD-S717 EE	
	P 1	POLY BAG	FSPG4002-001	FSPG4002-001	1
	P 6	CARTON	GE30123-008A	GE30123-032A	1

■Parts list (Accessories)

P3-13

Block No.M4MM

△	Item	Parts name	Parts number		Q'ty
			KD-S711R E	KD-S717 EE	
	A 1	INST.BOOK (LANGUAGE)	GET0013-001A (ENG,GER,FRE,DUT)	-----	-
	A 2	INST.BOOK (LANGUAGE)	GET0013-002A (SPA,ITA,SWE,FIN)	GET0014-001A (ENG,RUS)	1
	A 3	INSTALL MANUAL (LANGUAGE)	GET0013-003A (ENG,GER,FRE)	GET0014-002A (ENG,RUS)	1
	A 3	INSTALL MANUAL (LANGUAGE)	GET0013-004A (DUT,SPA,ITA)	-----	-
	A 3	INSTALL MANUAL (LANGUAGE)	GET0013-005A (SWE,FIN)	-----	-



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