

Service Manual

ORDER NO.
CRT3877

HDD MULTIMEDIA AV NAVIGATION SERVER

AVIC-Z2_{/XU/UC} **AVIC-HD3**_{/XU/EW5}



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**This service manual should be used together with the following manual(s) listed below.
For the parts numbers, adjustments, etc. which are not shown in this manual,
refer to the following manual(s).**

Model No.	Order No.	Mech. Module	Remarks
AVIC-Z1/UC	CRT3618		
CX-3016	CRT3056	MS3	DVD Mech. Module:Circuit Description, Mech. Description, Disassembly
ND-BT1/E5	CRT3684		Bluetooth unit : (ND-BT1/E is sold with AVIC-HD3/XU/EW5.)

EXPLODED VIEWS AND PARTS LIST

PACKING(Page 10)

PACKING SECTION PARTS LIST

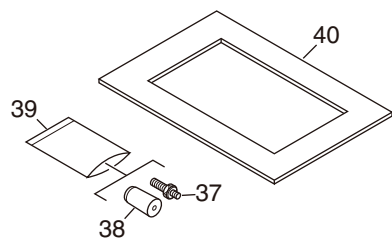
*:Non spare part

Mark	No.	Description	AVIC-Z1/UC	AVIC-Z2/XU/UC
A	1-1	Owner's Manual	CRB2183	CRB2295
	1-2	Owner's Manual	CRB2184	CRB2297
	1-3	Owner's Manual/POC/FRE	CRB2185	CRB2296
	1-4	Owner's Manual/POC/FRE	CRB2186	CRB2298
	1-5	Owner's Manual	CRB2258	CRB2299
	1-6	Owner's Manual/POC/FRE	CRB2259	CRB2300
	1-13	Installation Manual	CRD4100	CRD4153
	* 1-14	Registration Card	CRY1245	CRY1263
	* 1-25	Card	ARY1048	CRY1246(Warranty Card)
	2	Cover	CEG1177	CEG1383
B	3	Carton	CHG5732	CHG6069
	4	Contain Box	CHL5732	CHL6069
	5	Protector(Upper)	CHP2227	CHP2782
	6	Protector	CHP2242	CHP3181
	7	Protector	CHP2272	CHP2783
	10	Cord Assy	CDE8083	CDP1045
	23	Sub Carton	CHA3298	CHG5691
	24	Panel	CNS8669	CNS9008
	34	Cord Assy	CDE8082	CDP1047
C				
D				
E				
F				

Mark	No.	Description	AVIC-HD1BT/EW5	AVIC-HD3/XU/EW5
*	1-1	Owner's Manual/PEE/ENG	CRB2187	CRB2301
	1-2	Owner's Manual/PEE/ENG	CRB2188	CRB2307
	1-3	Owner's Manual/PEE/SPE	CRB2189	CRB2302
	1-4	Owner's Manual/PEE/SPE	CRB2190	CRB2308
	1-5	Owner's Manual/PEE/GER	CRB2191	CRB2303
	1-6	Owner's Manual/PEE/GER	CRB2192	CRB2309
	1-7	Owner's Manual/PEE/FRE	CRB2193	CRB2304
	1-8	Owner's Manual/PEE/FRE	CRB2194	CRB2310
	1-9	Owner's Manual/PEE/ITA	CRB2195	CRB2305
	1-10	Owner's Manual/PEE/ITA	CRB2196	CRB2311
	1-11	Owner's Manual/PEE/DUT	CRB2197	CRB2306
	1-12	Owner's Manual/PEE/DUT	CRB2198	CRB2312
	1-13	Installation Manual	CRD4101	CRD4154
	1-16	Passport	CRY1013	Not used
	1-18	Owner's Manual/PEE/ENG	CRB2260	CRB2313
	1-19	Owner's Manual/PEE/SPE	CRB2261	CRB2314
	1-20	Owner's Manual/PEE/GER	CRB2262	CRB2315
	1-21	Owner's Manual/PEE/FRE	CRB2263	CRB2316
	1-22	Owner's Manual/PEE/ITA	CRB2264	CRB2317
	1-23	Owner's Manual/PEE/DUT	CRB2265	CRB2318
	2	Cover	CEG1074	CEG1382
	3	Carton	CHG5899	CHG6070
	4	Contain Box	CHL5899	CHL6070
	5	Protector(Upper)	CHP2227	CHP3319
	6	Protector	CHP2242	CHP3181
	7	Protector	CHP2272	CHP3320
	10	Cord Assy	CDE8083	CDP1045
	12	Cord Assy	CDE8165	CDP1046
	13	Screw Assy	CEA3797	CEA7395
	16	Screw	CMZ50P060FTC(x8)	CMZ50P060FTC(x4)
	23	Sub Carton	CHA3298	CHG5691
	24	Panel	CNS8669	CNS8665
	35	Protector	Not used	CHP3321
	36	Protector	Not used	CHP3322
	37	Screw	Not used	CBA2081
	38	Bush	Not used	CNV3930
	39	Polyethylene Bag	Not used	E36-615
*	40	Panel	Not used	CNS9007



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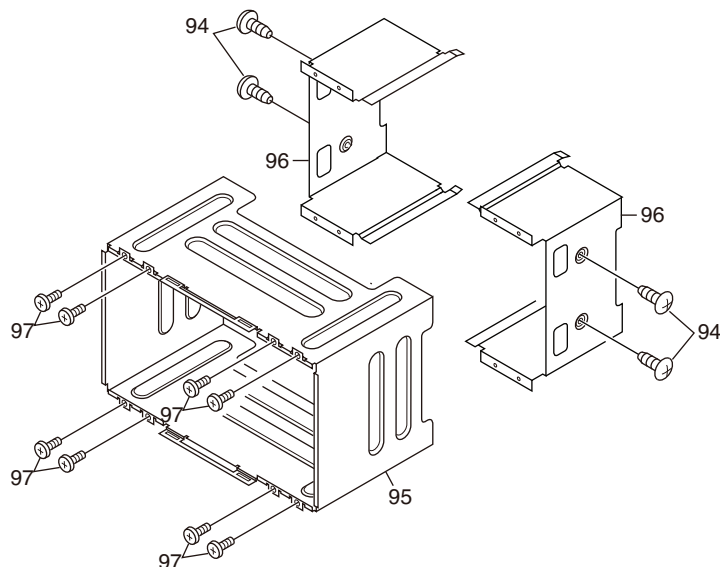
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EXTERIOR(1)(Page 12)

EXTERIOR(1) SECTION PARTS LIST

Mark	No.	Description	AVIC-Z1/UC	AVIC-Z2/XU/UC
	5	Screw(M3 x 10)	CBA1637	CBA2097
	82	Panel Unit	CXC5925	CXC7880

Mark	No.	Description	AVIC-HD1BT/EW5	AVIC-HD3/XU/EW5
	5	Screw(M3 x 10)	CBA1637	CBA2097
	82	Panel Unit	CXC5984	CXC7980
	94	Screw	Not used	CMZ50P060FTC
	95	Holder	Not used	CND3430
	96	Holder	Not used	CND3431
	97	Screw	Not used	BMZ30P060FTC



EXTERIOR(2)(Page 14)

EXTERIOR(2) SECTION PARTS LIST

Mark	No.	Description	AVIC-Z1/UC	AVIC-Z2/XU/UC
	4	Screw(M2 x 3)	CBA1527	CBA2096
	61	CC Unit	CWN1582	CWN2449
	71	HDD Assy(Service)	CXX2121	CXX2207

Mark	No.	Description	AVIC-HD1BT/EW5	AVIC-HD3/XU/EW5
	4	Screw(M2 x 3)	CBA1527	CBA2096
	61	CC Unit	CWN1632	CWN2450
	69	Chassis Unit	CXC6523	CXC8128
	71	HDD Assy(Service)	CXX2122	CXX2208

EXTERIOR(3)(Page 16)

EXTERIOR(3) SECTION PARTS LIST

Mark	No.	Description	AVIC-Z1/UC	AVIC-Z2/XU/UC
	2	Cap	CNS1472	Not used
	3	Cord Assy	CDE8083	CDP1045
	22	Grille	CNS8523	CNS9018
	25	Lighting Conductor	CNV8732	CNV9510
	51	Cord Assy	CDE8082	CDP1047

Mark	No.	Description	AVIC-HD1BT/EW5	AVIC-HD3/XU/EW5
	2	Cap	CNS1472	Not used
	3	Cord Assy	CDE8083	CDP1045
	7	Cord Assy	CDE8165	CDP1046
	22	Grille	CNS8540	CNS9004
	25	Lighting Conductor	CNV8732	CNV9510

ELECTRICAL PARTS LIST(Page 121)

GPS UNIT

Circuit Symbol and No.	Part Name	AVIC-Z1/UC AVIC-HD1BT/EW5	AVIC-Z2/XU/UC AVIC-HD3/XU/EW5
L402	Inductor	CTF1486	LCYC1R2K1608
L403	Inductor	CTF1486	LCYC1R2K1608

AUDIO UNIT

Circuit Symbol and No.	Part Name	AVIC-Z1/UC	AVIC-Z2/XU/UC
Q1006	Transistor	DTC114EU	DTC114EUA
Q1201	Transistor	DTC114EU	DTC114EUA
Q1203	Transistor	DTC114EU	DTC114EUA
Q1431	Transistor	DTC114EU	DTC114EUA
Q1521	Transistor	DTC114EU	DTC114EUA
Q1852	Transistor	DTC114EU	DTC114EUA

Circuit Symbol and No.	Part Name	AVIC-HD1BT/EW5	AVIC-HD3/XU/EW5
Q1006	Transistor	DTC114EU	DTC114EUA
Q1201	Transistor	DTC114EU	DTC114EUA
Q1203	Transistor	DTC114EU	DTC114EUA
Q1431	Transistor	DTC114EU	DTC114EUA
Q1521	Transistor	DTC114EU	DTC114EUA
Q1823	Transistor	DTC114EU	DTC114EUA
Q1852	Transistor	DTC114EU	DTC114EUA
Q2501	Transistor	DTC124EU	DTC124EUA
Q2502	Transistor	DTC124EU	DTC124EUA
Q2503	Transistor	DTC124EU	DTC124EUA
Q2504	Transistor	DTC124EU	DTC124EUA

NAVI MOTHER UNIT

Circuit Symbol and No.	Part Name	AVIC-Z1/UC AVIC-HD1BT/EW5	AVIC-Z2/XU/UC AVIC-HD3/XU/EW5
Q5003	Transistor	DTC114EU	DTC114EUA
Q5004	Transistor	DTC114EU	DTC114EUA
Q5483	Transistor	DTC114EU	DTC114EUA
Q5651	Transistor	2SA1576	2SA1576A
Q5902	Transistor	DTC114EU	DTC114EUA
Q5921	Transistor	2SA1576	2SA1576A
Q6201	Transistor	DTC114EU	DTC114EUA
Q6204	Transistor	DTC114EU	DTC114EUA
Q6251	Transistor	DTC114EU	DTC114EUA
Q6301	Transistor	2SA1576	2SA1576A
Q6302	Transistor	DTC114EU	DTC114EUA
Q6311	Transistor	2SA1576	2SA1576A
Q6312	Transistor	DTC114EU	DTC114EUA
Q6351	Transistor	DTC114EU	DTC114EUA
Q6352	Transistor	DTC114EU	DTC114EUA
Q6355	Transistor	DTC114EU	DTC114EUA
Q6601	Transistor	2SA1576	2SA1576A

MONITOR UNIT

Circuit Symbol and No.	Part Name	AVIC-Z1/UC AVIC-HD1BT/EW5	AVIC-Z2/XU/UC AVIC-HD3/XU/EW5
Q352	Transistor	2SA1576	2SA1576A