

Pioneer

Service Manual

ORDER NO.
CRT4670

DVD AV RECEIVER

AVH-P4300DVD/XNUC

AVH-P4350DVD/XNRC

AVH-P4350DVD/XNRD

AVH-P4350DVD/XNRI

AVH-P4390DVD/XNID



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Made for



iPod



iPhone

UC model only



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
AVH-P4200DVD/XNUC	CRT4521		
CX-3250	CRT4300	LS1	DVD Mech. Module : Circuit Descriptions, Mech. Descriptions, Disassembly

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EXPLODED VIEWS AND PARTS LIST

PACKING(Page 110)

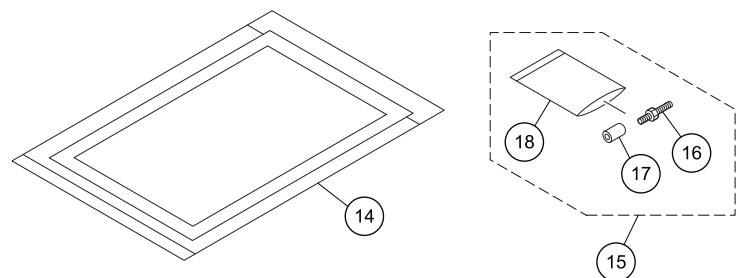
PACKING SECTION PARTS LIST

* : Non spare part

Mark	No.	Description	AVH-P4200DVD/ XNUC	AVH-P4300DVD/ XNUC	AVH-P4350DVD/ XNRC	AVH-P4350DVD/ XNRD	AVH-P4350DVD/ XNRI	AVH-P4390DVD/ XNID
	1	Cord Assy	CDP1219	QDP3021 (MBL CMPX EXT-CORD AS)	QDP3021 (MBL CMPX EXT-CORD AS)	QDP3021 (MBL CMPX EXT-CORD AS)	QDP3021 (MBL CMPX EXT-CORD AS)	QDP3021 (MBL CMPX EXT-CORD AS)
	3	Screw Assy	CEA3559	CEA3559	CEC3542	CEC3542	CEC3542	CEC3542
	5	Screw	CRZ50P090FTC	CRZ50P090FTC	Not used	Not used	Not used	Not used
	7	Polyethylene Bag	CEG1402	CEG1402	CEG1401	CEG1401	CEG1356 (Cover)	CEG1401
	8	Unit Box	CHG7159	QHG3115	QHG3118	QHG3119	QHG3123	QHG3121
	9	Contain Box	CHL7159	QHL3115	QHL3118	QHL3119	QHL3123	QHL3121
	10	Protector	CHP3951	CHP3951	CHP3951	CHP3951	CHP3708	CHP3951
	11	Remote Control Unit	Not used	CXE3877	CXE3877	CXE3877	CXE3877	CXE3877
	13-1	Owner's Manual	CRB3174	QRB3126	QRB3136	QRB3129	QRB3129	QRB3135
	13-2	Owner's Manual	CRB3175	QRB3127	QRB3137	QRB3130	QRB3132	Not used
	13-3	Owner's Manual	CRB3176	QRB3128	QRB3138	QRB3131	QRB3133	Not used
	13-4	Installation Manual	CRD4452	Not used	Not used	Not used	Not used	Not used
*	13-5	Warranty Card	CRY1276	CRY1276	Not used	Not used	Not used	CRY1304
*	13-6	Service Network	Not used	Not used	Not used	Not used	Not used	CRY1305
	14	Panel	Not used	CNS9475	CNS9475	CNS9475	CNS9475	CNS9475
*	15	Accessory Assy	Not used	Not used	Not used	Not used	CEC3020	Not used
	16	Screw	Not used	Not used	Not used	Not used	CBA1650	Not used
	17	Bush	Not used	Not used	Not used	Not used	CNV3930	Not used
*	18	Polyethylene Bag	Not used	Not used	Not used	Not used	E36-615	Not used

Owner's Manual,Installation Manual

Part No.	Language
QRB3126	English
QRB3127	French
QRB3128	Spanish(Espanol)
QRB3129	English
QRB3130	Spanish(Espanol)
QRB3131	Portuguese(B)
QRB3132	Arabic
QRB3133	Persian
QRB3135	English
QRB3136	English
QRB3137	Traditional Chinese
QRB3138	Korean



EXTERIOR(1)(Page 112)

EXTERIOR(1) SECTION PARTS LIST

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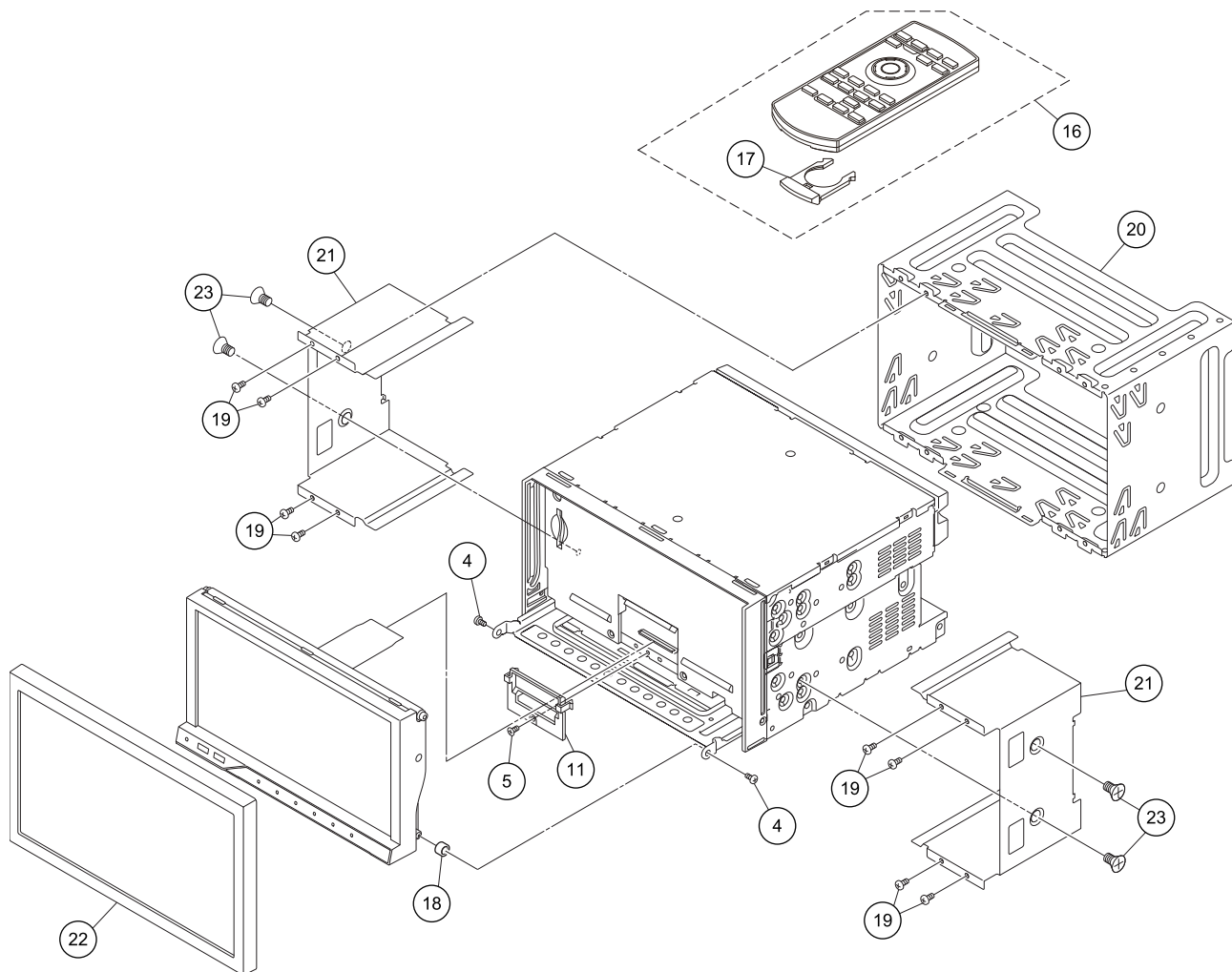
Mark	No.	Description	AVH-P4200DVD/ XNUC	AVH-P4300DVD/ XNUC	AVH-P4350DVD/ XNRC	AVH-P4350DVD/ XNRD	AVH-P4350DVD/ XNRI	AVH-P4390DVD/ XNID
	9	Sheet	CNN3089	CNN3089	CNN3089	CNN3089	Not used	CNN3089
	12	Panel Unit	CXE2608	QXA3395	QXA3411	QXA3411	QXA3411	QXA3411
	16	Remote Control Unit	Not used	CXE3877	CXE3877	CXE3877	CXE3877	CXE3877
	17	Cover	Not used	*CNU1624 (Battery Cover)	*CNU1624 (Battery Cover)	*CNU1624 (Battery Cover)	*CNU1624 (Battery Cover)	*CNU1624 (Battery Cover)
	18	Tube only for Service	CXX2872	CNW2038 (Collar)	CNW2038 (Collar)	CNW2038 (Collar)	CNW2038 (Collar)	CNW2038 (Collar)
B	19	Screw	Not used	Not used	Not used	Not used	BMZ30P060FTC	Not used
	20	Holder	Not used	Not used	Not used	Not used	CND4337	Not used
	21	Holder	Not used	Not used	Not used	Not used	CND4338	Not used
	22	Panel	Not used	Not used	Not used	Not used	CNS9952	Not used
	23	Screw	Not used	Not used	Not used	Not used	CRZ50P090FTC	Not used

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EXTERIOR(2)(Page 114)

EXTERIOR(2) SECTION PARTS LIST

Mark	No.	Description	AVH-P4200DVD/ XNUC	AVH-P4300DVD/ XNUC	AVH-P4350DVD/ XNRC	AVH-P4350DVD/ XNRD	AVH-P4350DVD/ XNRI	AVH-P4390DVD/ XNID
	6	Touch Panel	CSX1152	QSX3001	QSX3001	QSX3001	QSX3001	QSX3001
	8	Screw(M2 x 2)	CBA1771	JJZ20P020FTC	JJZ20P020FTC	JJZ20P020FTC	JJZ20P020FTC	JJZ20P020FTC
	9	FFC	CDE9139	CDE9472	CDE9472	CDE9472	CDE9472	CDE9472
	13	Service Unit (Monitor PCB)	CXX2775	QXX3016	QXX3017	QXX3018	QXX3019	QXX3017
	15	Grille Assy	CXE2467	QXE1010	QXE1011	QXE1011	QXE1011	QXE1012
	20	Grille	CNU1090	QNS3206	QNS3207	QNS3207	QNS3207	QNS3208
	28	Cushion	Not used	Not used	CNN3446	CNN3446	CNN3446	CNN3446

EXTERIOR(3)(Page 116)

EXTERIOR(3) SECTION PARTS LIST

Mark	No.	Description	AVH-P4200DVD/ XNUC	AVH-P4300DVD/ XNUC	AVH-P4350DVD/ XNRC	AVH-P4350DVD/ XNRD	AVH-P4350DVD/ XNRI	AVH-P4390DVD/ XNID
	36	Bracket	CND5468	QNA3022	QNA3022	QNA3022	QNA3022	QNA3022
	38	Service Unit (Mother Assy)	CXX2772	QXX3010	QXX3011	QXX3012	QXX3013	QXX3014
	45	Holder	CND5571	CND5571	CND5472	CND5472	CND5472	CND5472
	52	DVD Mechanism Module(LS1)	CXK6811	CXK6822	CXK6822	CXK6822	CXK6822	CXK6822
	54	Sheet	Not used	Not used	Not used	Not used	Not used	CNN3636

ELECTRICAL PARTS LIST(Page 191)

MOTHER UNIT

Circuit Symbol and No.	Part Name	AVH-P4200DVD/XNUC	AVH-P4300DVD/XNUC
IC602	IC	PE5725C8	PE5766A8
IC801	IC	MN2DS0018MAUB	MN2DS0018MA
IC901	SDRAM(64M)	K4S641632N-LC75	IS42S16400F-7TL
IC921	Flash ROM Unit	CWW2021	CWW2810
IC922	Flash ROM Unit	CWW2020	CWW2809
Q122	Transistor	UMX1N	HN1C01FU
Q123	Transistor	UMT1N	HN1A01FU
Q153	Transistor	UMH1N	RN1903
Q403	Transistor	UMH1N	RN1903
Q404	Transistor	UMH1N	RN1903
D124	Diode	DAN202U	1SS301
D125	Diode	DAN202U	1SS301
D153	Diode	DAN202U	1SS301
D161	Diode	DAN202U	1SS301
D771	LED	SMLE12BC7T	CL-197HB1-D(CDE)
CN511		DKN1385	CKS6297
R651		RS1/16SS473J	Not used
C1511		CKSQYB475K10	CCG1201
C1521		CKSQYB475K10	CCG1201

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Circuit Symbol and No.	Part Name	AVH-P4200DVD/XNUC	AVH-P4350DVD/XNRC
IC581	L-MOS And Gate	Not used	TC7SET08FUS1
IC602	IC	PE5725C8	PE5767A8
IC801	IC	MN2DS0018MAUB	MN2DS0018MA
IC901	SDRAM(64M)	K4S641632N-LC75	IS42S16400F-7TL
IC921	Flash ROM Unit	CWW2021	CWW2810
IC922	Flash ROM Unit	CWW2020	CWW2809
Q122	Transistor	UMX1N	HN1C01FU
Q123	Transistor	UMT1N	HN1A01FU
Q153	Transistor	UMH1N	RN1903
Q403	Transistor	UMH1N	RN1903
Q404	Transistor	UMH1N	RN1903
Q581	Transistor	Not used	LSA1576UB
D124	Diode	DAN202U	1SS301
D125	Diode	DAN202U	1SS301
D153	Diode	DAN202U	1SS301
D161	Diode	DAN202U	1SS301
D581	Diode	Not used	DZ2S068C
D771	LED	SMLE12BC7T	CL-197HB1-D(CDE)
L581	Inductor	Not used	CTF1389
L582	Inductor	Not used	CTF1379
CN511		DKN1385	CKS6297
JA581	Jack	Not used	CKN1042
R410		Not used	RS1/16SS681J
R582		Not used	RS1/16SS473J
R583		Not used	RS1/16SS121J
R584		Not used	RS1/16SS104J
R585		Not used	RS1/16SS103J
R649		Not used	RS1/16SS473J
R736		Not used	RS1/16SS473J
C581	Capacitor	Not used	DCH1201
C582		Not used	CKSSYB104K10
C1511		CKSQYB475K10	CCG1201
C1521		CKSQYB475K10	CCG1201

Circuit Symbol and No.	Part Name	AVH-P4200DVD/XNUC	AVH-P4350DVD/XNRD
IC581	L-MOS And Gate	Not used	TC7SET08FUS1
IC602	IC	PE5725C8	PE5767A8
IC801	IC	MN2DS0018MAUB	MN2DS0018MA
IC901	SDRAM(64M)	K4S641632N-LC75	IS42S16400F-7TL
IC921	Flash ROM Unit	CWW2021	CWW2810
IC922	Flash ROM Unit	CWW2020	CWW2809
Q122	Transistor	UMX1N	HN1C01FU
Q123	Transistor	UMT1N	HN1A01FU
Q153	Transistor	UMH1N	RN1903
Q403	Transistor	UMH1N	RN1903

Circuit Symbol and No.	Part Name	AVH-P4200DVD/XNUC	AVH-P4350DVD/XNRD
Q404	Transistor	UMH1N	RN1903
Q581	Transistor	Not used	LSA1576UB
D124	Diode	DAN202U	1SS301
D125	Diode	DAN202U	1SS301
D153	Diode	DAN202U	1SS301
D161	Diode	DAN202U	1SS301
D581	Diode	Not used	DZ2S068C
D771	LED	SMLE12BC7T	CL-197HB1-D(CDE)
L581	Inductor	Not used	CTF1389
L582	Inductor	Not used	CTF1379
CN511	Jack	DKN1385	CKS6297
JA581		Not used	CKN1042
R410		Not used	RS1/16SS681J
R582		Not used	RS1/16SS473J
R583		Not used	RS1/16SS121J
R584	Capacitor	Not used	RS1/16SS104J
R585		Not used	RS1/16SS103J
R649		Not used	RS1/16SS473J
R650		Not used	RS1/16SS473J
C581		Not used	DCH1201
C582		Not used	CKSSYB104K10
C1511		CKSQYB475K10	CCG1201
C1521		CKSQYB475K10	CCG1201

Circuit Symbol and No.	Part Name	AVH-P4200DVD/XNUC	AVH-P4350DVD/XNRI
IC581	L-MOS And Gate	Not used	TC7SET08FUS1
IC602	IC	PE5725C8	PE5767A8
IC801	IC	MN2DS0018MAUB	MN2DS0018MA
IC901	SDRAM(64M)	K4S641632N-LC75	IS42S16400F-7TL
IC921	Flash ROM Unit	CWW2021	CWW2810
IC922	Flash ROM Unit	CWW2020	CWW2809
Q122	Transistor	UMX1N	HN1C01FU
Q123	Transistor	UMT1N	HN1A01FU
Q153	Transistor	UMH1N	RN1903
Q403	Transistor	UMH1N	RN1903
Q404	Transistor	UMH1N	RN1903
Q581	Transistor	Not used	LSA1576UB
D124	Diode	DAN202U	1SS301
D125	Diode	DAN202U	1SS301
D153	Diode	DAN202U	1SS301
D161	Diode	DAN202U	1SS301
D581	Diode	Not used	DZ2S068C
D771	LED	SMLE12BC7T	CL-197HB1-D(CDE)
L581	Inductor	Not used	CTF1389
L582	Inductor	Not used	CTF1379

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Circuit Symbol and No.	Part Name	AVH-P4200DVD/XNUC	AVH-P4350DVD/XNRI
CN511	Jack	DKN1385	CKS6297
JA581		Not used	CKN1042
R410		Not used	RS1/16SS681J
R582		Not used	RS1/16SS473J
R583		Not used	RS1/16SS121J
R584	Capacitor	Not used	RS1/16SS104J
R585		Not used	RS1/16SS103J
R650		Not used	RS1/16SS473J
R735		Not used	RS1/16SS473J
C581		Not used	DCH1201
C582		Not used	CKSSYB104K10
C1511		CKSQYB475K10	CCG1201
C1521		CKSQYB475K10	CCG1201

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Circuit Symbol and No.	Part Name	AVH-P4200DVD/XNUC	AVH-P4390DVD/XNID
IC581	L-MOS And Gate	Not used	TC7SET08FUS1
IC602	IC	PE5725C8	PE5767A8
IC801	IC	MN2DS0018MAUB	MN2DS0018MA
IC901	SDRAM(64M)	K4S641632N-LC75	IS42S16400F-7TL
IC921	Flash ROM Unit	CWW2021	CWW2810
IC922	Flash ROM Unit	CWW2020	CWW2809
Q122	Transistor	UMX1N	HN1C01FU
Q123	Transistor	UMT1N	HN1A01FU
Q153	Transistor	UMH1N	RN1903
Q403	Transistor	UMH1N	RN1903
Q404	Transistor	UMH1N	RN1903
Q581	Transistor	Not used	LSA1576UB
D124	Diode	DAN202U	1SS301
D125	Diode	DAN202U	1SS301
D153	Diode	DAN202U	1SS301
D161	Diode	DAN202U	1SS301
D581	Diode	Not used	DZ2S068C
D771	LED	SMLE12BC7T	CL-197HB1-D(CDE)
L581	Inductor	Not used	CTF1389
L582	Inductor	Not used	CTF1379
CN511	Jack	DKN1385	CKS6297
JA581		Not used	CKN1042
R410		Not used	RS1/16SS681J
R582		Not used	RS1/16SS473J
R583		Not used	RS1/16SS121J
R584	Capacitor	Not used	RS1/16SS104J
R585		Not used	RS1/16SS103J
R649		Not used	RS1/16SS473J
R650		Not used	RS1/16SS473J
R651		RS1/16SS473J	Not used

Circuit Symbol and No.	Part Name	AVH-P4200DVD/XNUC	AVH-P4390DVD/XNID
R737 C581 C582 C1511 C1521	Capacitor	Not used Not used Not used CKSQYB475K10 CKSQYB475K10	RS1/16SS473J DCH1201 CKSSYB104K10 CCG1201 CCG1201

The mounting positions of the additional parts are described in the circuit diagram and PCB diagram of the parent manual.

MONITOR I/F UNIT

Circuit Symbol and No.	Part Name	AVH-P4200DVD/XNUC	AVH-P4300DVD/XNUC
IC5502 IC5703 CN2001 CN5601 R5303	IC Flash ROM Unit Connector Connector	MN103SH13UB CWW3022 CKS6062 CKS6062 RS1/16SS751J	MN103SH13 CWW2807 CKS6272 CKS6272 RS1/16SS681J

Circuit Symbol and No.	Part Name	AVH-P4200DVD/XNUC	AVH-P4350DVD/XNRC AVH-P4390DVD/XNID
IC5502 IC5703 CN2001 CN5601 R5303	IC Flash ROM Unit Connector Connector	MN103SH13UB CWW3022 CKS6062 CKS6062 RS1/16SS751J	MN103SH13 CWW2805 CKS6272 CKS6272 RS1/16SS681J

Circuit Symbol and No.	Part Name	AVH-P4200DVD/XNUC	AVH-P4350DVD/XNRD
IC5502 IC5703 CN2001 CN5601 R5303	IC Flash ROM Unit Connector Connector	MN103SH13UB CWW3022 CKS6062 CKS6062 RS1/16SS751J	MN103SH13 CWW2808 CKS6272 CKS6272 RS1/16SS681J

Circuit Symbol and No.	Part Name	AVH-P4200DVD/XNUC	AVH-P4350DVD/XNRI
IC5502 IC5703 CN2001 CN5601 R5303	IC Flash ROM Unit Connector Connector	MN103SH13UB CWW3022 CKS6062 CKS6062 RS1/16SS751J	MN103SH13 CWW2806 CKS6272 CKS6272 RS1/16SS681J

DVD CORE UNIT

Circuit Symbol and No.	Part Name	AVH-P4200DVD/XNUC	AVH-P4300DVD/XNUC AVH-P4350DVD/XNRC AVH-P4350DVD/XNRD AVH-P4350DVD/XNRI AVH-P4390DVD/XNID
IC1401 IC1402 IC1480 IC1501	Flash ROM Unit Flash ROM Unit SDRAM(64M) IC	CWW3027 CWW3028 K4S641632N-LC75 MN2DS0018MAUB	CWW3159 CWW3160 IS42S16400F-7TL MN2DS0018MA