Pioneer

Service Manual

ORDER NO.
CRT5018

XM DIGITAL SATELLITE DATA & AUDIO RECEIVER

GEX-P920XM/XSUC

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
GEX-P10XMT/XN/UC	CRT3424		

PIONEER CORPORATION 1-1, Shin-ogura, Saiwai-ku, Kawasaki-shi, Kanagawa 212-0031, Japan
PIONEER ELECTRONICS (USA) INC. P.O. Box 1760, Long Beach, CA 90801-1760, U.S.A.
PIONEER EUROPE NV Haven 1087, Keetberglaan 1, 9120 Melsele, Belgium
PIONEER ELECTRONICS ASIACENTRE PTE. LTD. 253 Alexandra Road, #04-01, Singapore 159936
ⓒ**PIONEER CORPORATION 2012**
K-ZZZ MAR. 2012 Printed in Japan

SAFETY INFORMATION

WARNING

This product may contain a chemical known to the State of California to cause cancer, or birth defects or other reproductive harm.
Health & Safety Code Section 25249.6 - Proposition 65

EXPLODED VIEWS AND PARTS LIST

PACKING(Page 6)

PACKING SECTION PARTS LIST

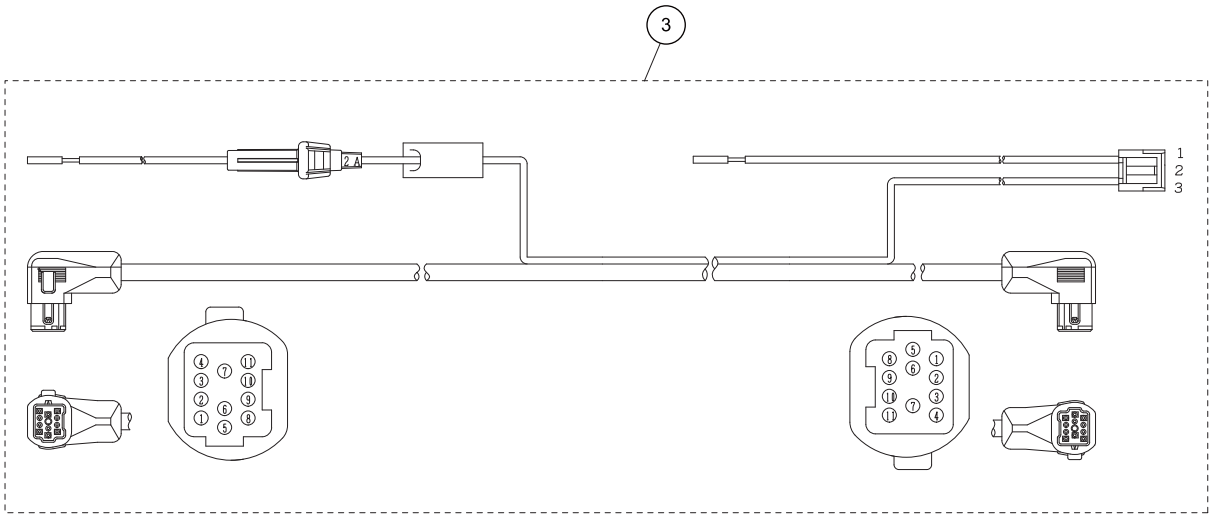
*:Non spare part

Mark	No.	Description	GEX-P10XMT/XN/UC	GEX-P920XM/XSUC
*	1	Card	ARY1048	Not used
	2	Cord Assy	CDE5880	Not used
	3	Cord Assy	CDE8009	CDE5831(Cord)
	4	Cord Assy	CDE7836	Not used
	12	Sub Unit Box	CHG5471	CHG8088
	13	Unit Box	CHG5472	CHG8087
	14	Contain Box	CHL5472	CHL8087
	15	Protector	CHP2968	CHP4548
	16	Protector	CHP2969	CHP4549
	18	Owner's Manual(English)	CRB2045	CRB2102
	19	Installation Manual(English)	CRB2046	CRB2103
*	21	Caution Card	CRN1080	Not used
*	23	Warranty Card	Not used	QRY3001

EXTERIOR(Page 8)

EXTERIOR SECTION PARTS LIST

Mark	No.	Description	GEX-P10XMT/XN/UC	GEX-P920XM/XSUC
	3	Cord Assy	CDE8009	CDE5831(Cord)
	5	Cap	CNS6329	Not used
	8	Case	CNB3106	CNB3165
	11	Main Unit	CWM9857	CWN1243
	16	Connector(CN451)	CKS4473	Not used



ELECTRICAL PARTS LIST(Page 32)

MAIN UNIT

Circuit Symbol and No.	Part Name	GEX-P10XMT/XN/UC	GEX-P920XM/XSUC
IC200	IC	STA850P	Not used
IC260	IC	K4S280832I-UC75	Not used
IC360	IC	K4S280832I-UC75	K4S280832K-UC75
IC452	IC	UPD4721GSS1	Not used
IC601	IC	PEG099B	PEG135A
IC605	IC	PEG100B	Not used
Q452	Transistor	UMD2N	Not used
Q454	Transistor	2SC4081	Not used
D451	Diode	UDZS12(B)	Not used
D452	Diode	UDZS12(B)	Not used
D453	Diode	UDZS12(B)	Not used
D454	Diode	UDZS12(B)	Not used
D455	Diode	1SS355	Not used
D912	Diode	UDZS6R8(B)	Not used
L201	Inductor	CTF1306	Not used
L202	Inductor	CTF1306	Not used
L203	Inductor	CTF1306	Not used
L204	Inductor	CTF1306	Not used
L205	Ferrite Bead	CTF1528	Not used
L207	Ferrite Bead	CTF1528	Not used
L208	Inductor	CTF1306	Not used
L209	Ferrite Bead	CTF1528	Not used
L312	Ferrite Bead	CTF1528	Not used
L313	Ferrite Bead	CTF1528	Not used
L314	Ferrite Bead	CTF1528	Not used
L325	Ferrite Bead	CTF1528	Not used
L452	Inductor	CTF1473	Not used
L453	Inductor	CTF1334	Not used
L454	Inductor	CTF1334	Not used
L603	Inductor	CTF1473	Not used
X601	Resonator 16.77 Hz	CSS1686	Not used
⚠FU451	Fuse 2 A	CEK1284	Not used
⚠FU452	Fuse 2 A	CEK1284	Not used
CN451	Connector	CKS4473	Not used
R200		RS1/16SS102J	Not used
R201		RS1/16SS102J	Not used
R202		RS1/16SS102J	Not used
R203		RS1/16SS102J	Not used
R204		RS1/16SS223J	Not used
R205		RS1/16SS223J	Not used
R206		RS1/16SS3002F	Not used
R207		RS1/16SS2002F	Not used
R208		RS1/16S0R0J	Not used
R209		RAB4CQ470J	Not used
R210		RAB4CQ470J	Not used
R211		RAB4CQ470J	Not used
R212		RS1/16SS470J	Not used
R213		RS1/16SS0R0J	Not used
R214		RS1/16S822J	Not used
R215		RS1/16SS0R0J	Not used
R216		RS1/16SS0R0J	Not used
R217		RS1/16SS0R0J	Not used
R218		RS1/16SS0R0J	Not used
R219		RAB4CQ470J	Not used
R220		RS1/16S822J	Not used

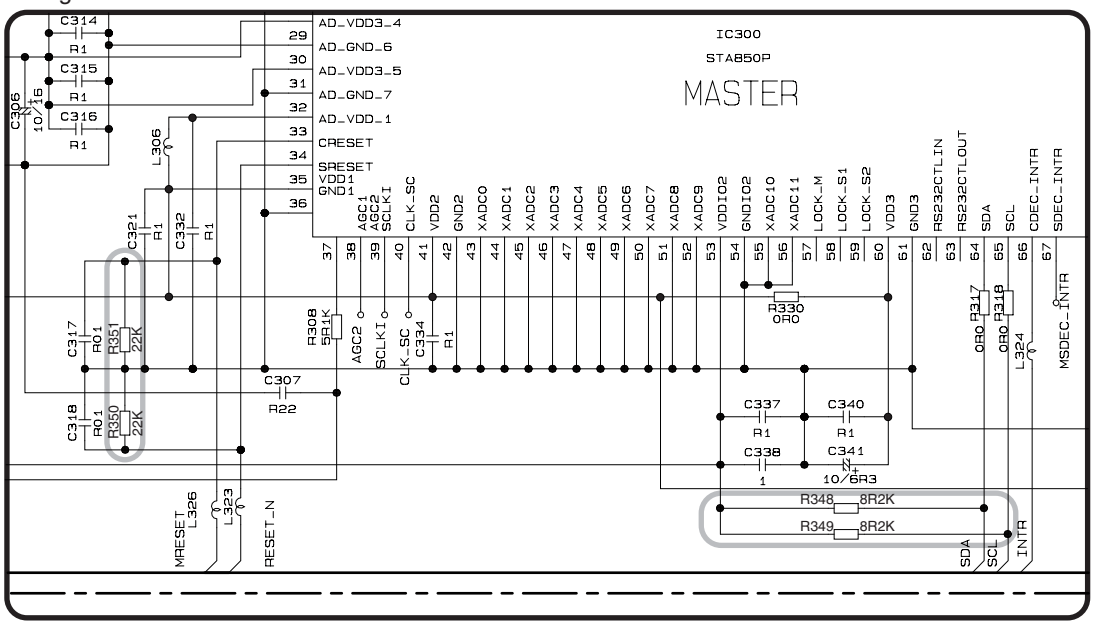
Circuit Symbol and No.	Part Name	GEX-P10XMT/XN/UC	GEX-P920XM/XSUC
R221		RAB4CQ470J	Not used
R222		RS1/16S0R0J	Not used
R223		RS1/16S0R0J	Not used
R224		RS1/16SS470J	Not used
R225		RAB4CQ470J	Not used
R227		RS1/16S0R0J	Not used
R228		RS1/16S0R0J	Not used
R229		RS1/16S0R0J	Not used
R230		RS1/16SS103J	Not used
R231		RS1/16SS103J	Not used
R232		RS1/16SS103J	Not used
R233		RS1/16SS103J	Not used
R234		RS1/16SS103J	Not used
R314		RS1/16S0R0J	Not used
R341		RS1/16SS470J	Not used
R342		RS1/16SS470J	Not used
R343		RS1/16SS470J	Not used
R346		RS1/16S0R0J	Not used
R347		RS1/16S0R0J	Not used
R348		Not used	RS1/16SS822J
R349		Not used	RS1/16SS822J
R350		Not used	RS1/16SS223J
R351		Not used	RS1/16SS223J
R453		RS1/16S101J	Not used
R454		RS1/16S101J	Not used
R455		RS1/16S681J	Not used
R456		RS1/16S681J	Not used
R457		RS1/16S101J	Not used
R458		RS1/16S101J	Not used
R459		RS1/16S333J	Not used
R460		RS1/16S333J	Not used
R461		RS1/16S333J	Not used
R462		RS1/16S333J	Not used
R601		RS1/16S473J	Not used
R602		RS1/16S473J	Not used
R605		RS1/16S473J	Not used
R606		RS1/16S473J	Not used
R608		RS1/16S104J	Not used
R612		RS1/16S473J	Not used
R629		RS1/16S473J	Not used
R630		RS1/16S0R0J	Not used
R645		RS1/16S101J	Not used
R648		Not used	RS1/16S473J
R651		RS1/16S101J	Not used
R652		RS1/16S101J	Not used
R653		RS1/16S101J	Not used
R658		RS1/16S101J	Not used
R659		RS1/16S101J	Not used
R665		RS1/16S101J	Not used
R666		RS1/16S473J	Not used
R669		RS1/16S105J	Not used
R670		Not used	RS1/16S0R0J
R672		Not used	RS1/16S103J
R673		Not used	RS1/16S103J
R856		RS1/16S2701D	RS1/16S1501D

Circuit Symbol and No.	Part Name	GEX-P10XMT/XN/UC	GEX-P920XM/XSUC
R915		RS1/16S472J	Not used
R916		RS1/16S103J	RS1/16S101J
R917		RS1/16S473J	RS1/16S101J
C200		CKSSYB103K16	Not used
C201		CKSSYB103K16	Not used
C202		CKSSYB103K16	Not used
C203		CKSSYB103K16	Not used
C204		CEVW100M16	Not used
C205		CKSRYB105K6R3	Not used
C206		CKSRYB105K6R3	Not used
C207		CKSSYB104K10	Not used
C208		CKSSYB104K10	Not used
C209		CKSSYB104K10	Not used
C210		CKSSYB104K10	Not used
C211		CKSSYB104K10	Not used
C212		CKSSYB104K10	Not used
C213		CKSSYB104K10	Not used
C214		CCSRCH180J50	Not used
C215		CCSRCH180J50	Not used
C216		CKSSYB104K10	Not used
C217		CKSSYB104K10	Not used
C218		CKSRYB105K6R3	Not used
C219		CKSSYB103K16	Not used
C220		CKSSYB103K16	Not used
C221		CCSSCH101J50	Not used
C222		CKSSYB104K10	Not used
C223		CCSSCH101J50	Not used
C224		CKSSYB104K10	Not used
C225		CCSSCH101J50	Not used
C226		CKSSYB104K10	Not used
C227		CCSSCH101J50	Not used
C228		CKSSYB104K10	Not used
C229		CKSSYB104K10	Not used
C230		CKSSYB104K10	Not used
C231		CKSSYB104K10	Not used
C232		CKSSYB104K10	Not used
C233		CKSRYB105K6R3	Not used
C234		CKSSYB104K10	Not used
C235		CKSRYB105K6R3	Not used
C236		CKSSYB104K10	Not used
C237		CKSSYB104K10	Not used
C238		CSZS100M6R3	Not used
C239		CSZS100M6R3	Not used
C240		CKSSYB104K10	Not used
C241		CKSSYB104K10	Not used
C242		CKSSYB104K10	Not used
C243		CKSSYB104K10	Not used
C244		CKSSYB104K10	Not used
C245		CSZS100M6R3	Not used
C246		CKSRYB105K6R3	Not used
C247		CKSQYB475K6R3	Not used
C248		CKSQYB475K6R3	Not used
C251		CSZS100M6R3	Not used
C252		CCSSCH100D50	Not used
C253		CCSSCH4R0C50	Not used

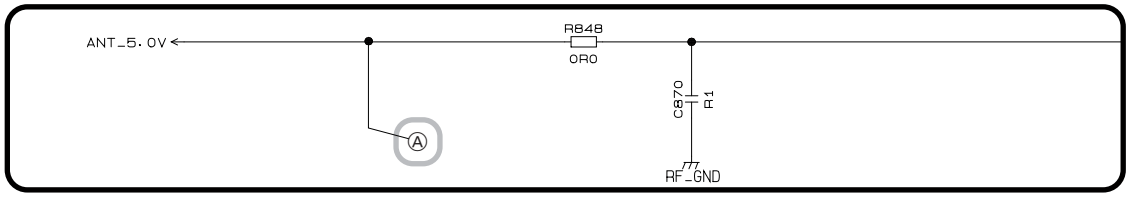
Circuit Symbol and No.	Part Name	GEX-P10XMT/XN/UC	GEX-P920XM/XSUC
C254		CCSSCH4R0C50	Not used
C255		CCSSCH4R0C50	Not used
C256		CCSSCH4R0C50	Not used
C257		CKSSYB104K10	Not used
C258		CKSSYB104K10	Not used
C259		CCSSCH220J50	Not used
C260		CEVW100M16	Not used
C261		CKSSYB104K10	Not used
C262		CKSSYB104K10	Not used
C263		CKSSYB104K10	Not used
C264		CKSSYB104K10	Not used
C265		CKSSYB104K10	Not used
C266		CKSSYB104K10	Not used
C267		CKSSYB104K10	Not used
C268		CCSSCH220J50	Not used
C269		CCSSCH220J50	Not used
C270		CCSSCH220J50	Not used
C271		CCSSCH220J50	Not used
C272		CCSSCH220J50	Not used
C273		CCSSCH220J50	Not used
C274		CCSSCH220J50	Not used
C275		CCSSCH220J50	Not used
C276		CCSSCH220J50	Not used
C277		CCSSCH220J50	Not used
C278		CCSSCH220J50	Not used
C279		CCSSCH220J50	Not used
C280		CCSSCH220J50	Not used
C281		CCSSCH220J50	Not used
C282		CCSSCH220J50	Not used
C283		CCSSCH220J50	Not used
C284		CCSSCH220J50	Not used
C285		CCSSCH220J50	Not used
C286		CCSSCH220J50	Not used
C290		CCSSCH220J50	Not used
C291		CCSSCH220J50	Not used
C292		CCSSCH220J50	Not used
C293		CCSSCH220J50	Not used
C294		CCSSCH220J50	Not used
C295		CCSSCH220J50	Not used
C296		CCSSCH220J50	Not used
C299		CCSSCH220J50	Not used
C419		CCSSCH220J50	Not used
C425		CKSSYB104K10	Not used
C454	10 000 pF	CCG1171	Not used
C455	1 uF	CCG1207	Not used
C456	1 uF	CCG1207	Not used
C457	1 uF	CCG1207	Not used
C458	1 uF	CCG1207	Not used
C459	1 uF	CCG1207	Not used
C460		CKSRYB102K50	Not used
C461		CKSRYB102K50	Not used
C462		CKSSYB104K10	Not used
C463		CKSRYB104K25	Not used
C465		CKSSYB104K10	Not used
C603		CKSRYB104K25	Not used

Circuit Symbol and No.	Part Name	GEX-P10XMT/XN/UC	GEX-P920XM/XSUC
C608		CCSRCH100D50	Not used
C609		CCSRCH100D50	Not used
C610		CEVW100M16	Not used
C616		CKSRYB104K25	Not used
C617		CKSRYB102K50	Not used
C618		CKSRYB104K25	Not used
C619		CKSRYB102K50	Not used
C625		Not used	CKSRYB103K50
C833		CEVW101M6R3	CEVW101M16
C859		CKSRYB104K25	CKSRYB224K16

Page 15 Address 8B



Page 20 Address 3E



Page 21 Address 5B, Page 23 Address 6E

