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Service Manual

ORDER NO.
CRT3841

BRIDGEABLE TWO-CHANNEL POWER AMPLIFIER

GM-5300T /XU/UC
GM-5300T /XU/EW5
GM-5300T /XU/ES
GM-5300T /XU/CN5

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
GM-520T/XU/UC	CRT3519		

PIONEER CORPORATION 4-1, Meguro 1-chome, Meguro-ku, Tokyo 153-8654, 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
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SAFETY INFORMATION

WARNING

This product contains lead in solder and certain electrical parts contain chemicals which are known to the state of California to cause cancer, 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	GM-520T/XU/UC	GM-5300T/XU/UC
	5	Protector	CHP3066	Not used
	7	Carton	CHG5587	YHG5133
	8	Contain Box	CHL5587	YHL5133
	9-2	Owner's Manual	CRD4010	YRD5096
*	9-4	Caution Card	CRP1324	Not used
*	9-5	Caution Card	CRP1337	YRP5004
	10	Protector	Not used	YHP5020
	11	Protector	Not used	YHP5021

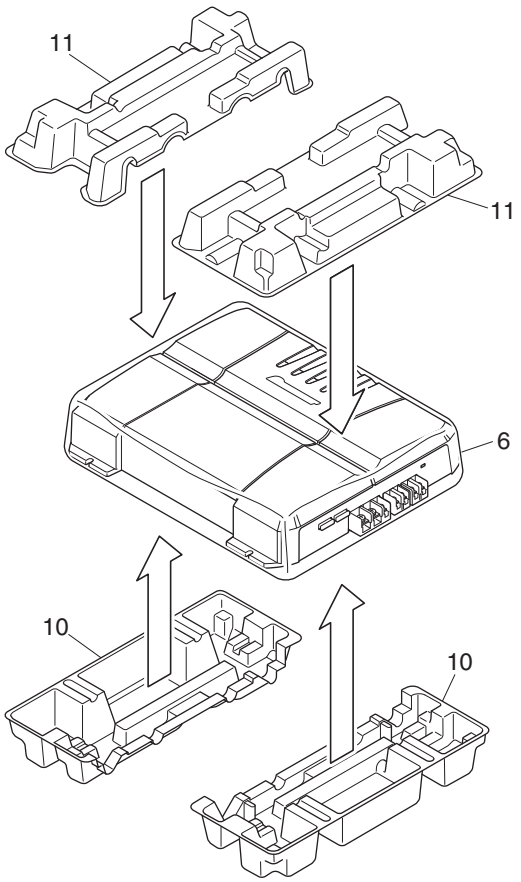
Mark	No.	Description	GM-520T/XU/UC	GM-5300T/XU/EW5
	5	Protector	CHP3066	Not used
	6	Polyethylene Bag	CEG1351	CEG1317
	7	Carton	CHG5587	YHG5132
	8	Contain Box	CHL5587	YHL5132
	9-2	Owner's Manual	CRD4010	YRD5095
*	9-3	Card	ARY1048	Not used
*	9-4	Caution Card	CRP1324	Not used
*	9-5	Caution Card	CRP1337	YRP5004
*	9-6	Warranty Card	Not used	CRY1157
	10	Protector	Not used	YHP5020
	11	Protector	Not used	YHP5021

Mark	No.	Description	GM-520T/XU/UC	GM-5300T/XU/ES
	5	Protector	CHP3066	Not used
	6	Polyethylene Bag	CEG1351	CEG1317
	7	Carton	CHG5587	YHG5131
	8	Contain Box	CHL5587	YHL5131
	9-2	Owner's Manual	CRD4010	YRD5093
*	9-3	Card	ARY1048	Not used
*	9-4	Caution Card	CRP1324	Not used
*	9-5	Caution Card	CRP1337	YRP5004
	9-7	Owner's Manual	Not used	YRD5094
	10	Protector	Not used	YHP5020
	11	Protector	Not used	YHP5021

Mark	No.	Description	GM-520T/XU/UC	GM-5300T/XU/CN5
	5	Protector	CHP3066	Not used
	6	Polyethylene Bag	CEG1351	CEG1317
	7	Carton	CHG5587	YHG5130
	8	Contain Box	CHL5587	YHL5130
	9-2	Owner's Manual	CRD4010	YRB5039
*	9-3	Card	ARY1048	Not used
*	9-4	Caution Card	CRP1324	Not used
*	9-5	Caution Card	CRP1337	YRP5004
*	9-6	Warranty Card	Not used	ARY7046
	10	Protector	Not used	YHP5020
	11	Protector	Not used	YHP5021

Owner's Manual

Part No.	Language
YRD5096	English, French, Spanish
YRD5095	English, Spanish, German, French, Italian, Dutch, Russian
YRD5093	English, Spanish
YRD5094	Portuguese(B), Arabic
YRB5039	Simplified Chinese

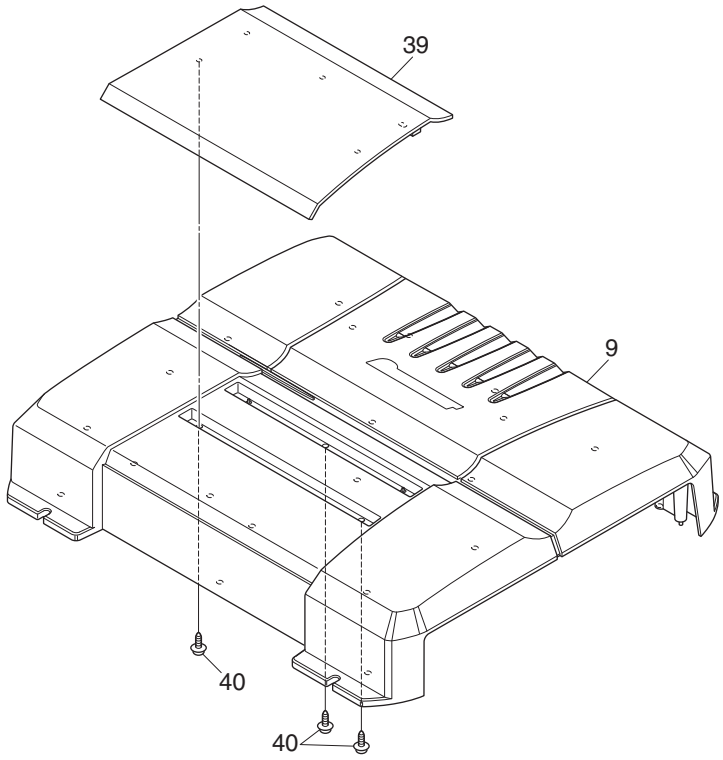


EXTERIOR(Page 8)

EXTERIOR SECTION PARTS LIST

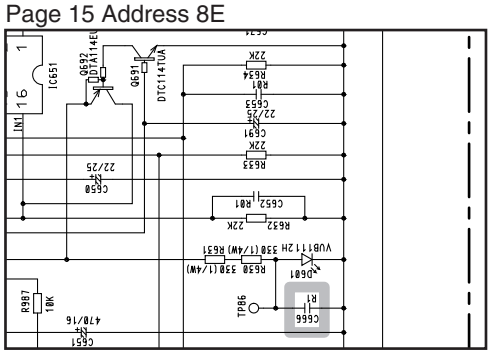
Mark	No.	Description	GM-520T/XU/UC	GM-5300T/XU/UC GM-5300T/XU/ES GM-5300T/XU/CN5
*	4	Badge	CAH1946	YAH5033
	6	Case	CNB3199	YNB5019
	7	Panel	CNB3312	YNB5027
	9	Heat Sink	CNR1828	YNR5036
	11	Lighting Conductor	CNV8692	YNV5091
	12	Amp Unit	CWH1325	YWH5017
	15	Terminal (CN853)	CKE1055	YKE5008
	16	Terminal (CN855)	CKE1057	YKE5010
	17	Terminal (CN856)	CKE1057	YKE5010
	27	Sub Heat Sink	CNR1808	YNR5050
	28	Sub Heat Sink	CNR1810	YNR5051
	34	Screw	BMZ40P200FTB	Not used
*	35	Seal	CAN3984	Not used
	36	Holder	CNV8522	Not used
	37	Nut	NB40FTB	Not used
	38	Washer	WB40FTB	Not used
	39	Cover	Not used	YNR5040
	40	Screw	Not used	IBZ30P100FTC

Mark	No.	Description	GM-520T/XU/UC	GM-5300T/XU/EW5
*	4	Badge	CAH1946	YAH5033
	6	Case	CNB3199	YNB5019
	7	Panel	CNB3312	YNB5027
	9	Heat Sink	CNR1828	YNR5036
	11	Lighting Conductor	CNV8692	YNV5091
	12	Amp Unit	CWH1325	YWH5017
	15	Terminal (CN853)	CKE1055	YKE5008
	16	Terminal (CN855)	CKE1057	YKE5010
	17	Terminal (CN856)	CKE1057	YKE5010
	27	Sub Heat Sink	CNR1808	YNR5050
	28	Sub Heat Sink	CNR1810	YNR5051
	34	Screw	BMZ40P200FTB	Not used
*	35	Seal	CAN3984	Not used
	36	Holder	CNV8522	Not used
	37	Nut	NB40FTB	Not used
	38	Washer	WB40FTB	Not used
	39	Cover	Not used	YNR5041
	40	Screw	Not used	IBZ30P100FTC



ELECTRICAL PARTS LIST(Page 20)

AMP UNIT

Circuit Symbol and No.	Part Name	GM-520T/XU/UC	GM-5300T/XU/UC GM-5300T/XU/EW5 GM-5300T/XU/ES GM-5300T/XU/CN5
Q203	Transistor	DTA124EU	DTA124EUA
Q691	Transistor	DTC114TU	DTC114TUA
Q692	Transistor	DTA114EU	DTA114EUA
Q992	Transistor	DTC114TU	DTC114TUA
D601	LED	FR1112H	VUB1112H-4B63B
L601	Choke Coil 50 µH	CTH1323	CTH1341
R630		RD1/4PU271J	RD1/4PU331J
R631		RD1/4PU471J	RD1/4PU331J
C666		Not used	CKSQYB104K50

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