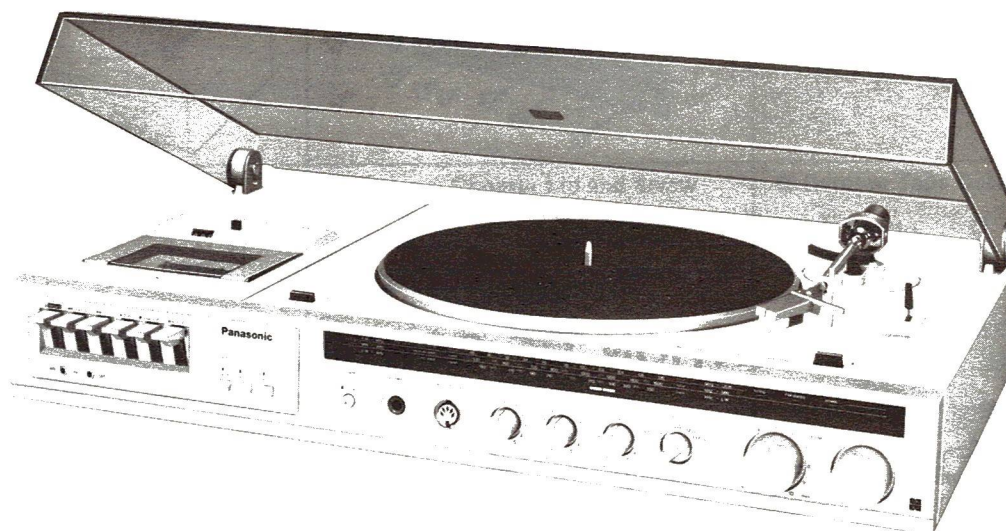


Service Manual

FM/MW/LW/FM STEREO RADIO WITH
CASSETTE TAPE DECK AND RECORD PLAYER

Stereo Music Centre
SG-2110



Specifications

AMPLIFIER SECTION

Power Output: RMS 2 x 10W (THD 5%, 4 Ω)
One Channel Driven
Frequency Response: 25 Hz ~ 20 kHz, ± 3 dB
Input Sensitivity & Impedance:
Mlc; 1.6mV, 3k Ω
Tone Controls:
Bass; ± 10 dB, at 70Hz
Treble; ± 10 dB, at 10 kHz

FM TUNER SECTION

Frequency Range: 87.5 MHz ~ 108 MHz
Intermediate Frequency (IF): . . 10.7 MHz
Sensitivity: 2.5 μ V (S/N 26 dB MOD. 40 kHz (DIN))
Image Ratio: 40 dB (98 MHz)
Signal/Noise Ratio: 55 dB (at 1 kHz, 60 dB, 40 kHz)
Distortion: MONO 0.2% (at 1 kHz, 60 dB, 40 kHz)
STEREO 0.3% (at 1 kHz, 60 dB, 40 kHz)
Stereo Separation: 35 dB (at 1 kHz, 60 dB, 40 kHz)
Selectivity: 50 dB (at 1 kHz, 60 dB, 40 kHz)

AM TUNER SECTION

Frequency Range: MW; 525 kHz ~ 1605 kHz
(571 m ~ 187 m)
LW; 150 kHz ~ 350 kHz
(2000 m ~ 857 m)
Intermediate Frequency (IF): . . 450 kHz
Sensitivity: MW; 200 μ V/m (1 MHz)
LW; 250 μ V/m (240 kHz)
Image Ratio: MW; 45 dB (1 MHz)
LW; 42 dB (240 kHz)

RECORD PLAYER SECTION

Player System: Belt-Drive, Automatic Return
Turntable: 28 cm
Turntable Speeds: 33-1/3 and 45 rpm, 2-speed
Wow & Flutter: 0.25% (DIN WTD)
Phonomotor: DC Motor
Cartridge: Ceramic (EPC13STH)
Stylus: Sapphire (EPS41ST)
Stylus Pressure: 5.5 g $\pm$ 0.5 g
Frequency Response: 50 Hz ~ 18 kHz

TAPE DECK SECTION

Deck System: Auto-Stop Cassette System
Track System: 4-Track, 2-Channel
Recording System: AC Bias (50 kHz)
Erasing System: AC Erase (50 kHz)
Tape Speed: 4.75 cm/sec. (1-7/8 i.p.s.)
Frequency Response: 50 Hz ~ 10 kHz (NORMAL)
50 Hz ~ 12.5 kHz (CrO₂)
50 Hz ~ 12.5 kHz (METAL)
Signal/Noise Ratio: 48 dB (NORMAL)
48 dB (CrO₂)
48 dB (METAL)
Wow & Flutter: 0.2% (WRMS)

POWER CONSUMPTION: 55W

POWER SUPPLY: AC 110V, 120V, 220V, 240V,
50/60 Hz

DIMENSIONS: (W x H x D)

Centre Unit: 600 mm x 136 mm x 362 mm

WEIGHT

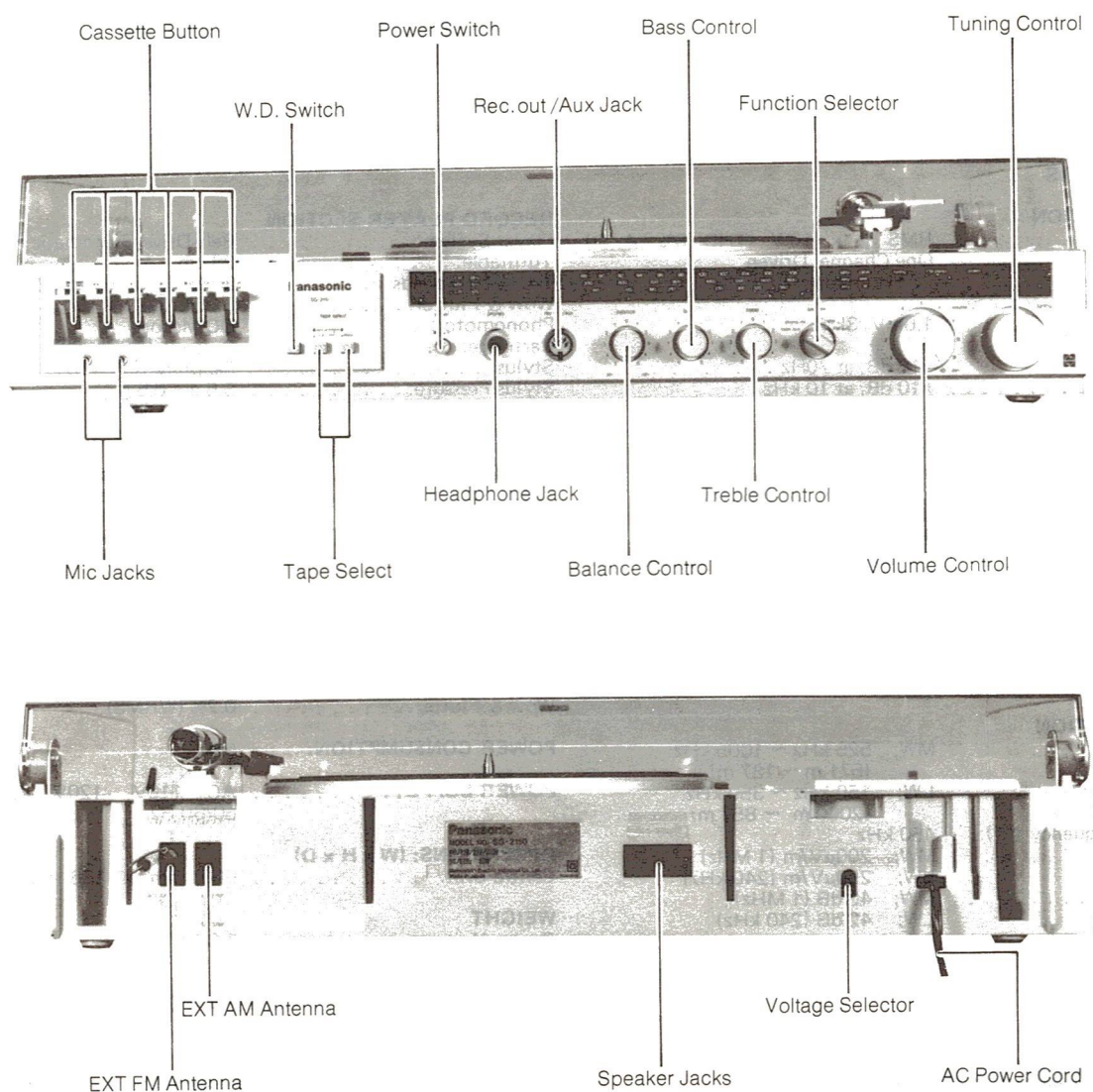
Centre Unit: 6.3 kg

* Specifications are subject to change without notice for further improvement.

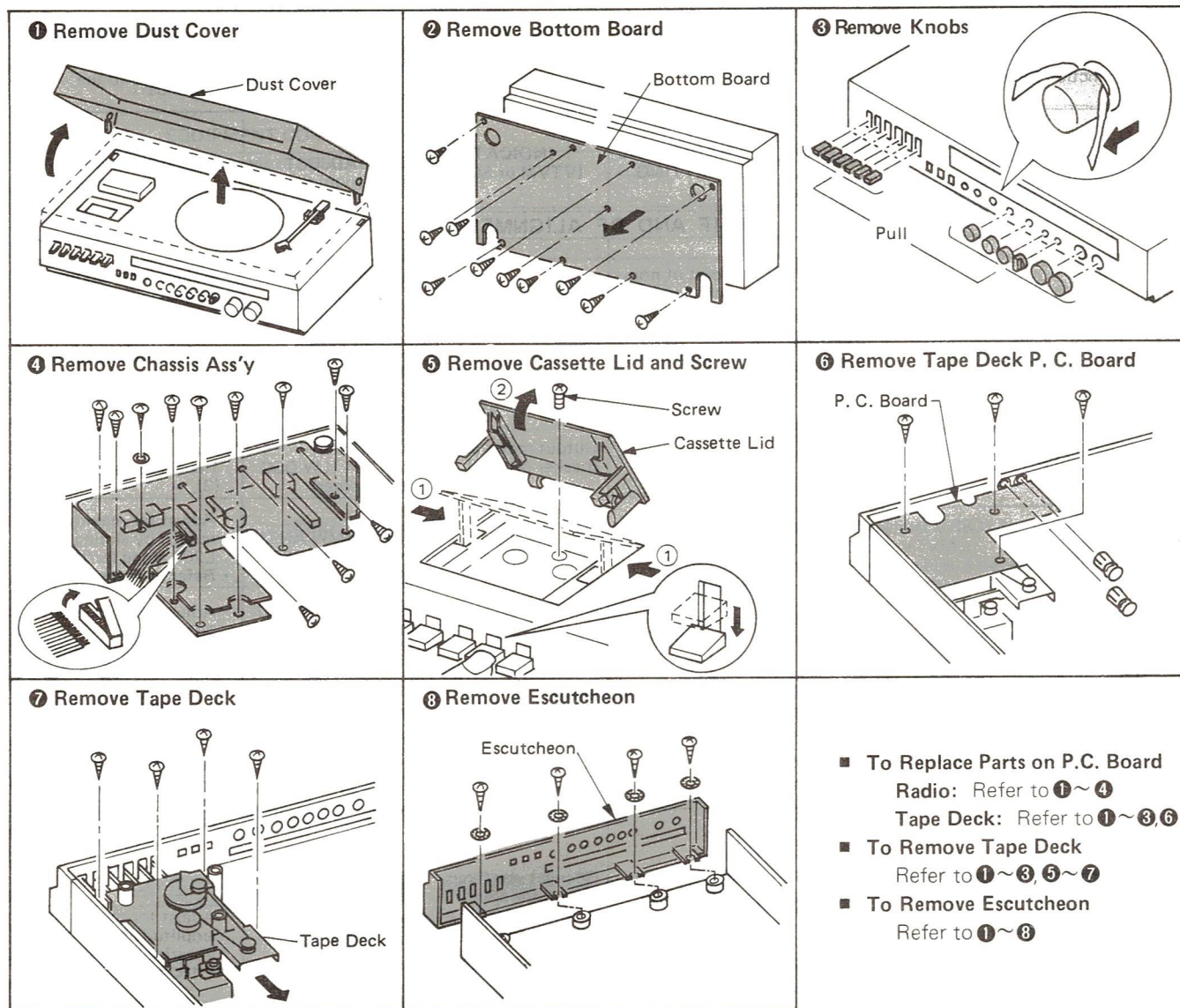
CONTENTS

	Page		Page
Specifications	1	IC Block Diagram	13
Location of Control	2	Block Diagram	14
Disassembly Instruction	3	Servicing the Record Player	15
Service Aid	3	Servicing the Cassette Tape Deck	20, 21
Alignment Instruction	4, 5	Mechanical Adjustment of Cassette Tape Deck	*
Replacement Parts List	6~9, 16, 18	* Refer to Common Edition of Service Manual	
Schematic Diagram	11	(ORDER NO. TSD-8001-362)	
Circuit Board and Wiring Connection	12		

LOCATION OF CONTROLS

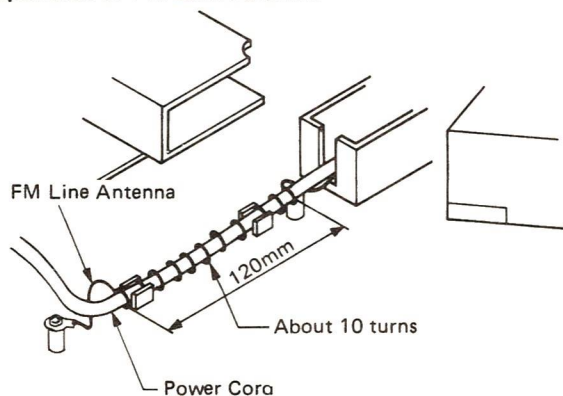


DISASSEMBLY INSTRUCTIONS

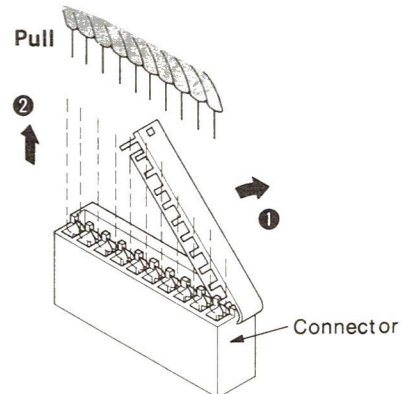


SERVICE AID

■ Disposition of FM Line Antenna



■ Disconnect of Flat Cable



ALIGNMENT INSTRUCTIONS-1

Control Positions:						
1. Volume Control		Maximum (AM IF and RF, FM RF); Minimum (FM IF)		3. Output of signal generator should be no higher than necessary to obtain output reading.		
2. Function Selector		LW, MW, FM AUTO PHONO (AM IF)		4. Make certain that speaker system is connected to the receiver when aligning.		
STEP	SIGNAL GENERATOR OR SWEEP GENERATOR		RADIO DIAL SETTING	INDICATOR (VTVM or SCOPE)	ADJUST	REMARKS
	CONNECTION	FRE-QUENCY				
AM-IF AND RF ALIGNMENT						
1 (AM)	Fashion loop of several turns of wire and radiate signal into loop of receiver.	450 kHz 30% Mod. with 400 Hz	Point of non-interference	Output meter across speaker jack (L).	T202 (AM 1st) T203 (AM 2nd)	Adjust for maximum output.
2 (LW)		150 kHz 30% Mod. with 400 Hz	150 kHz		L202 (LW ANT) L204 (LW OSC)	• Adjust for maximum output by sliding coil L202 along ferrite core. • Refer to Note.
3 (LW)		350 kHz 30% Mod. with 400 Hz	350 kHz		CT202 (LW ANT Trimmer) CT204 (LW OSC Trimmer)	Adjust for maximum output. Repeat steps (2) and (3).
4 (MW)		550 kHz 30% Mod. with 400 Hz	550 kHz		L201 (MW ANT) L203 (MW OSC)	• Adjust for maximum output by sliding coil L201 along ferrite core. • Refer to Note.
5 (MW)		1500 kHz 30% Mod. with 400 Hz	1500 kHz		CT201 (MW ANT Trimmer) CT203 (MW OSC Trimmer)	Adjust for maximum output. Repeat steps (4) and (5).
Note: Cement antenna coil L202, 201 with wax after completing alignment.						
FM-IF ALIGNMENT						
1	High side through 0.001 μ F to point IC101 and TPE (earth).	10.7 MHz (400 kHz SWP).	Point of non-interference (on/ about 98 MHz).	Connect vert. amp. input of scope to point TP201 and TP202 (earth).	T101 (FM 1st)	• Adjust for fmaximum amplitude and symmetrical curve. • Refer to Note. 
2					T201 (FM 2nd)	Adjust for maximum amplitude and proper linearity between about ± 100 kHz markers. 
Note: Before aligning step 1, turn the cores of T201 fully counterclockwise.						
FM-RF ALIGNMENT						
1	Connect to EXT. FM antenna terminal through Dummy antenna. (75 Ω)	87.35 MHz 30% Mod. with 400 Hz	87.35 MHz	Output meter across speaker jack (L).	L102 (FM OSC Coil)	Adjust for maximum output.
		90 MHz 30% Mod. with 400 Hz	90 MHz		L101 (FM ANT Coil)	
2		106 MHz 30% Mod. with 400 Hz	106 MHz		CT101 (FM ANT Trimmer)	Adjust for maximum output. Repeat steps (1) and (2).
		108.3 MHz 30% Mod. with 400 Hz	108.3 MHz		CT102 (FM OSC Trimmer)	
Notes: 1. As three output readings will be present, adjustments must be made at center frequency. 2. To correct the drift of FM band coverage (87.5 or 108 MHz), adjust the coil L102 and the trimmer CT102.						

ALIGNMENT INSTRUCTIONS-2

■ FM Stereo Alignment

Control Positions:

Tuner: Volume Control Audible level of speaker sound
 Bass Control Center
 Treble Control MIN

Band Selector FM AUTO
 Balance Control Center

EQUIPMENT CONNECTION	ADJUST	REMARK
Connect frequency counter to TP302 and TP301 (earth) at 98 MHz, non modulation 60 dB input (Mono Signal).	VR301	Adjust VR301 for 76 kHz $\pm$ 400 Hz on frequency counter reading.

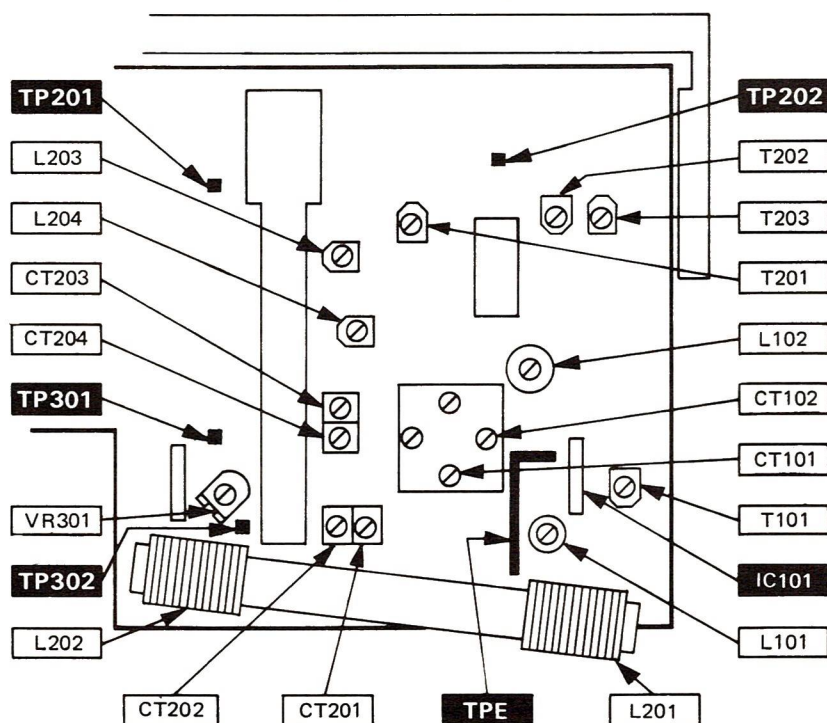
■ Cassette

Notes:

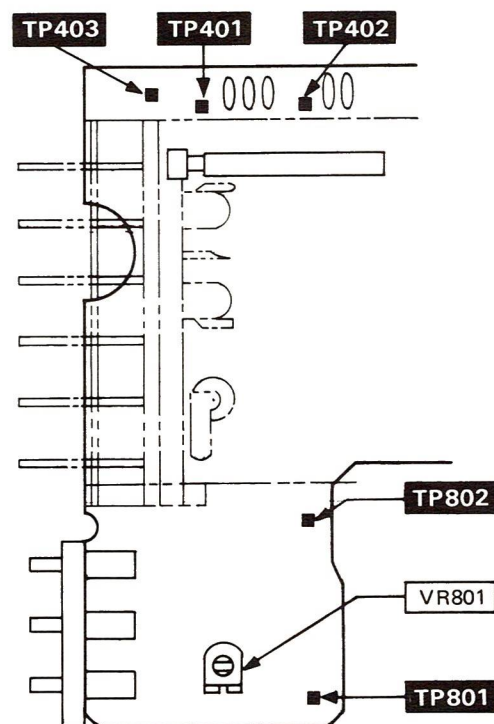
1. Function Selector tape/aux
2. Tape Deck Condition Recording Condition
3. Whistle Defeat Switch A Side

STEP	ALIGNMENT ITEM	VTVM CONNECTION		TAPE SELECTOR	ADJUST	REMARK
		POSITIVE	NEGATIVE			
1	Erase bias	TP802	TP801	METAL	L 801	Adjust L801 for 51 $\pm$ 0.1KHz reading on VTVM.
					VR801	• Adjust VR801 for 150 mV reading on VTVM. • Erase bias is between 140 ~ 165 mV when change the whistle defeat switch to "B".
					—	• Confirm 15.5 ~ 17.5 V indication VTVM. • Recording bias is between 13.5 ~ 18.5 V when change the whistle defeat switch to "B".
2	Recording bias	TP402 (L-channel) TP401 (R-channel)	TP403		—	• Confirm 15.5 ~ 17.5 V indication VTVM. • Recording bias is between 13.5 ~ 18.5 V when change the whistle defeat switch to "B".
3	R/P Head Azimuth	Speaker terminal	Speaker terminal	NORMAL	R/P Head Screw	• Adjust screw for max. indication on VTVM.

ALIGNMENT POINTS (RADIO)



ALIGNMENT POINTS (TAPE DECK)



REPLACEMENT PARTS LIST

NOTES:

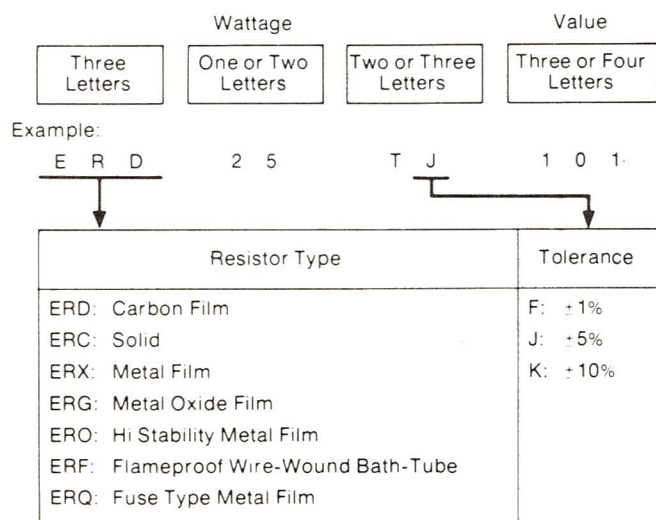
- Components identified by , have special characteristics important for safety. When replacing any of these components use only manufacturer's specified parts.
- Parts No. listed in this parts list are of service parts.

Ref. No.	Part No.	Description	Per Set (pcs.)
TRANSISTORS			
Q101	2SC1359-B	FM IF Amp.	1
Q201	2SC828AR	Switching	1
Q202	2SA722-S	Switching	1
Q203, 204	2SC945L	Switching	2
Q401, 402	2SC945L	REC. Amp.	2
Q403, 404	2SC828AR	Muting	2
Q601, 602	2SC945L	Ph/Mic Amp.	2
Q801	2SC1383NC	REC, BIAS Amp.	1
INTEGRATED CIRCUITS			
IC101	AN7213	FM RF Conv.	1
IC201	AN7222	FM/AM Conv. IF DET	1
IC301	TA7343P	FM MPX	1
IC401	BA328	Cassette R/P Amp.	1
IC 701	HA1394	Power Amp.	1
IC901 	μ PC7812H	Voltage Regulator	1
DIODES			
D101	MA162A	FM AGC	1
D102	MA345LF	FM AFC	1
D201	20A90	RECT.	1
D202	SLP256B	Tuning IND	1
D203, 204	MA162A	RECT.	2
D301	SLP156B	FM ST. EYE	1
D901-904	DS135TD	RECT.	4
D905	SLP156B	Power IND.	1
FUSES AND COMPONENT COMBINATION			
F901 	XBAS2C08T2A	Fuse T800mA	1
F902 	XBAS2C20T2A	Fuse T2A	1
Z101	SXAPFWB4	B.P.F., FM	1

Ref. No.	Part No.	Discription	Per Set (pcs.)
COILS AND TRANSFORMERS			
L101	SLD4N22-M	ANT Coil, FM	1
L102	SL04P20-P	OSC Coil, FM	1
L201, 202	SLF6F14-O	Ferrite ANT	1
L203	SL02M6-M	OSC Coil, MW	1
L204	SL01M8-M	OSC Coil, LW	1
L801	SLO9Z38-K	Bias OSC	1
T1 	SLT5L 122-V	Power Trans	1
T101	SLI4M102-M	IFT, FM 1st	1
T201	RLI4M101-M	IFT, FM 2nd	1
T202	SLI9M102-M	IFT, AM 1st	1
T203	SLI9M202-M	IFT, AM 2nd	1
CF201, 202	SVF107MA53	CFT, FM	1
VARIABLE RESISTORS			
VR301	EVTS3MA00B14	Preset 10K Ω B	1
VR501, 502	EWKG7A054A54	Volume 50K Ω A	1
VR503, 504	EWHG7AF25G15	Balance 100K Ω .G	1
VR701 -704	EWCSMAF25C54	Bass, Treble 50K Ω C	2
VR801	EVTS3MA00B24	Preset 20K Ω B	1
VARIABLE CAPACITORS AND THERMISTOR			
CV101, 102 201, 101 (CT101, 102)	PVC22KT-LD1	Variable Capacitor with Trimmer (CT101, 102)	1
CT201-204	SCVCTY211D31	Trimmer	2
TH801	ERTD2FHK202S	Thermistor	1
SWITCHES			
S1	ESE3742	Voltage Selector	1
S801-803	SSH318	Tape Selector, W.D.S.	1
S901	SSH134	Power	1
SF1-7	SSR178	Function	1
ST1-6	ESD80605	Rec/Play	1
OTHER AND PACKING			
1	SOX50348	Inst. Book	1
2	SPN4570	Carton Box	1
3	SPN4572	Pad	1
4	SPN3930	Pad, Dust Cover	1
5	SPP108	Poly Cover	1

REPLACEMENT PARTS LIST

Numbering System of Resistor



Ref. No.	Part No.	Description (Unit: Ω)	Per Set (pcs.)
RESISTORS			
R101	ERD25FJ331	330 1/4W	1
R102	ERD25FJ101	100 1/4W	1
R104	ERD25TJ224	220k 1/4W	1
R106	ERD25FJ102	1k 1/4W	1
R107	ERD25FJ331	330 1/4W	1
R108	ERD25TJ224	220k 1/4W	1
R109	ERD25TJ563	56k 1/4W	1
R110	ERD25JS104	100k 1/4W	1
R111	ERD25FJ560	56 1/4W	1
R201	ERD25FJ272	2.7k 1/4W	1
R202	ERD25FJ331	330 1/4W	1
R203	ERD25FJ822	8.2k 1/4W	1
R204	ERD25FJ471	470 1/4W	1
R205	ERD25FJ561	560 1/4W	1
R206	ERD25FJ471	470 1/4W	1
R213	ERD25TJ474	470K 1/4W	1
R221	ERD25FJ470	47 1/4W	1
R222	ERD25FJ822	8.2k 1/4W	1
R223	ERD25TJ474	470k 1/4W	1
R225	ERG1ANJP820S	82 1W	1
R227	ERD25FJ562	5.6k 1/4W	1
R229	ERD25FJ103	10k 1/4W	1
R230	ERD2FCG471P	470 1/4W	1
R231	ERD25FJ332	3.3k 1/4W	1
R232	ERD25TJ155	1.5M 1/4W	1
R233	ERD25FJ562	5.6k 1/4W	1
R234	ERD25FJ272	2.7k 1/4W	1
R235	ERD25FJ470	47 1/4W	1
R236	ERD25FJ103	10k 1/4W	1
R237	ERD25FJ474	470k 1/4W	1
R238	ERD25FJ103	10k 1/4W	1
R239	ERD25TJ334	330k 1/4W	1
R240	ERD25TJ224	220k 1/4W	1

Ref. No.	Part No.	Description (Unit: Ω)	Per Set (pcs.)
R241	ERD25TJ334	330k 1/4W	1
R301	ERD25FJ102	1k 1/4W	1
R303	ERD25FJ121	120 1/4W	1
R304	ERD25TJ104	100k 1/4W	1
R305, 306	ERD25FJ272	2.7k 1/4W	2
R307	ERD25FJ102	1k 1/4W	1
R309, 310	ERD25TJ223	22k 1/4W	2
R401, 402	ERD25TJ473	47k 1/4W	2
R403, 404	ERD25FJ101	100 1/4W	2
R405, 406	ERD25TJ104	100k 1/4W	2
R407, 408	ERD25TJ393	39k 1/4W	2
R409, 410	ERD25TJ184	180k 1/4W	2
R411, 412	ERD25FJ472	4.7k 1/4W	2
R413, 414	ERD25TJ153	15k 1/4W	2
R415, 416	ERD25FJ561	560 1/4W	2
R417, 418	ERD25FJ152	1.5 1/4W	2
R419, 420	ERD25TJ184	180k 1/4W	2
R421, 422	ERD25FJ472	4.7k 1/4W	2
R423	ERD25FJ472	4.7k 1/4W	1
R425, 426	ERD25TJ273	27k 1/4W	2
R427, 428	ERD25FJ151	150 1/4W	2
R429, 430	ERD25TJ224	220k 1/4W	2
R431, 432	ERD25FJ103	10k 1/4W	2
R501, 502	ERD25TJ104	100k 1/4W	2
R503, 504	ERD25TJ393	39k 1/4W	2
R505, 506	ERD25TJ683	68k 1/4W	2
T507, 508	ERD25TJ104	100k 1/4W	2
R509, 510	ERD25TJ183	18k 1/4W	2
R511, 512	ERD25FJ272	2.7k 1/4W	2
R601, 602	ERD25TJ684	680k 1/4W	2
R603, 604	ERD25FJ332	3.3k 1/4W	2
R605, 606	ERD25TJ155	1.5M 1/4W	2
R607, 608	ERD25FJ222	2.2k 1/4W	2
R609, 610	ERD25FJ270	27 1/4W	2
R611	ERD25FJ102	1k 1/4W	1
R612	ERD25FJ220	22 1/4W	1
R701, 702	ERD25TJ104	100k 1/4W	2
R703, 704	ERD25TJ563	56k 1/4W	2
R705, 706	ERD25FJ272	2.7k 1/4W	2
R707, 708	ERD25TJ563	56k 1/4W	2
R709, 710	ERD25TJ153	15k 1/4W	2
R711, 712	ERD25FJ392	3.9k 1/4W	2
R713, 714	ERD25FJ471	470 1/4W	2
R715, 716	ERD25FJ152	1.5k 1/4W	2
R717, 718	ERD25TJ104	100k 1/4W	2
R719, 720	ERD25FJ221	220 1/4W	2
R721, 722	ERD25FJ221	220 1/4W	2
R723, 724	ERD25FJ102	1k 1/4W	1
R801	ERD25FJ1R0	1 1/4W	1
R802	ERD2FCJ4R7P	4.7 1/4W	1
R803	ERD25FJ222	2.2k 1/4W	1
R804	ERD25TJ153	15k 1/4W	1
R805	ERD25FJ222	2.2k 1/4W	1

REPLACEMENT PARTS LIST

Ref. No.	Part No.	Description (Unit: Ω)	Per Set (pcs.)
R806	ERD25FJ152	1.5k 1/4W	1
R807	ERD25FJ471	470k 1/4W	1
R809	ERD25FJ682	6.8K 1/4	1
R811	ERQ12HJ330	33 1/2W	1
R812	ERD25FJ101	100 1/4W	1
R814	ERQ12HJ100	10 1/2W	1
R901	ERD25FJ102	1K 1/4W	1

Numbering System of Capacitor

Type	Voltage	Value	Tolerance
Four Letters	One or Two Letters	Two to Five Letters	One or Two Letters

Example: E C K D 1 H 3 3 3 M D

Capacitor Type	Tolerance
ECCD: Temperature Compensating Ceramic	C: $\pm 0.25\mu\text{F}$
ECKD: High Dielectric Constant Ceramic	D: $\pm 0.5\mu\text{F}$
ECQM: Polyester	F: $\pm 1\mu\text{F}$
ECQS: Polystyrene Film	J: $\pm 5\%$
ECFD: Semiconductor Ceramic	K: $\pm 10\%$
ECEA: Electrolytic	M: $\pm 20\%$
ECEB: Electrolytic	P: $+100, -0\%$
ECET: Electrolytic	Z: $+80, -20\%$
ECSF: Tantalum	

Ref. No.	Part No.	Description Unit: μF (p pF)	Per Set (pcs.)
CAPACITORS			
C1	ECFD1V103KD	0.01 35V	1
C101	ECKD1H103Z	0.01 50V	1
C102	ECCD1H220K	22p 50V	1
C103	ECKD1H223Z	0.022 50V	1
C104, 105	ECKD1H103Z	0.01 50V	2
C106	ECCD1H030C	3p 50V	1
C107	ECCD1H150K	15p 50V	1
C108	ECKD1H223Z	0.022 50V	1
C109	ECFD1V103KD	0.01 35V	1
C110	ECKD1H223Z	0.022 50V	1
C111	ECKD1H103Z	0.01 50V	1
C114	ECKD1H223Z	0.022 50V	1
C115	ECCD1H150K	15p 50V	1
C116	ECCD1H1R5	1.5p 50V	1
C201	ECEA1AS101	100 10V	1
C202	ECEA50Z2R2	2.2 50V	1
C203	ECEA50Z1	1 50V	1
C204	ECKD1H102Z	1000p 50V	1
C205, 206	ECFR1V223KD	0.022 35V	2

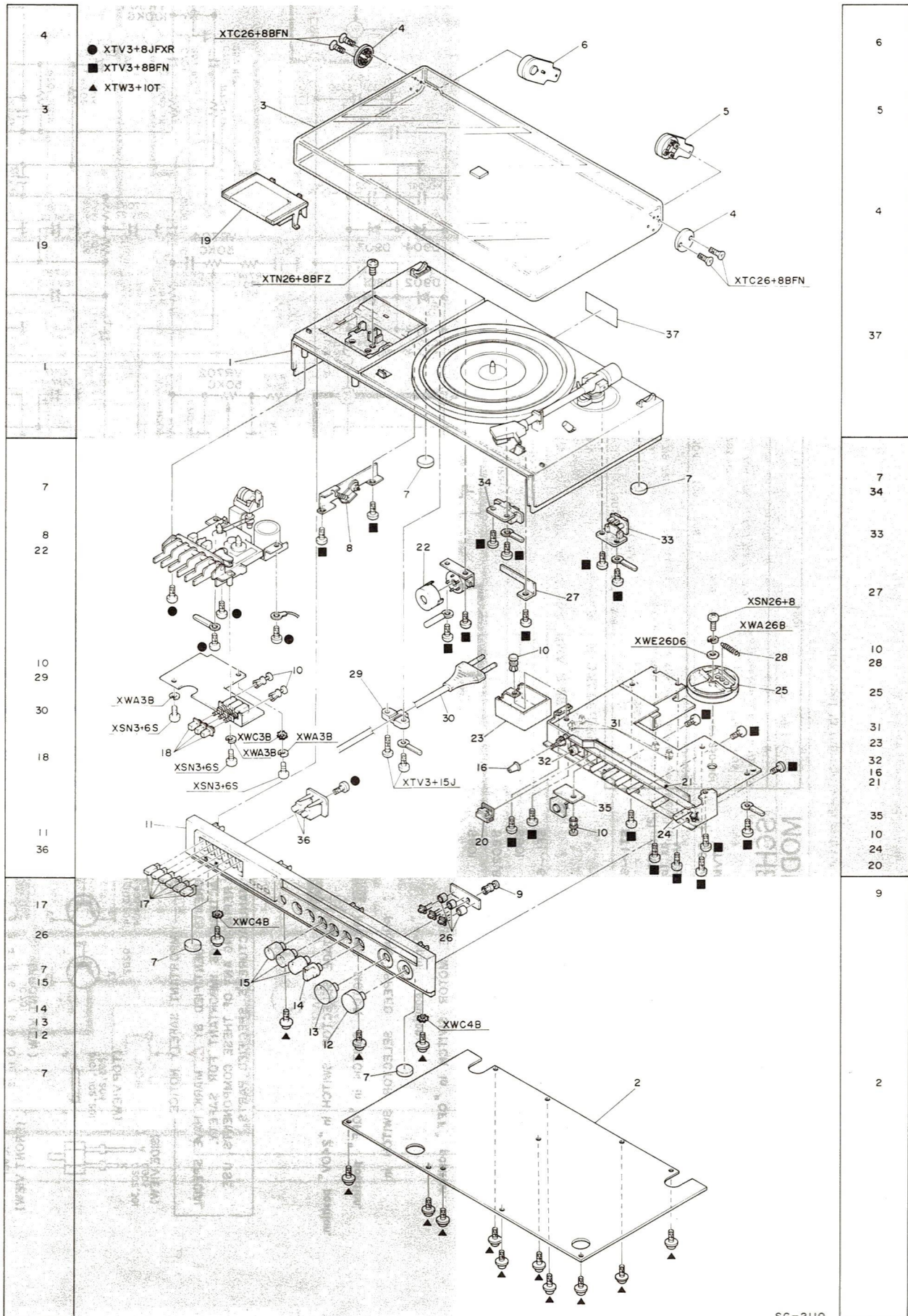
Ref. No.	Part No.	Description Unit: μF (p pF)	Per Set (pcs.)
C207	ECEA50Z1	1 50V	1
C208	ECEA1AS221	220 10V	1
C209	ECFD1V333KD	0.033 35V	1
C210	ECCD1H050D	5p 50V	1
C211	ECCD1H220K	22p 50V	1
C212	ECFD1V473KD	0.047 35V	1
C214	ECCD1H680K	68p 50V	1
C215	ECQS1181JZ	180p 125V	1
C216	ECQS1331JZ	330p 125V	1
C217	ECCD1H070D	7p 50V	1
C218	ECCD1H100F	10p 50V	1
C219	ECKD1H331K	330p 50V	1
C220	ECCD1H151K	150p 50V	1
C222	ECEA1CS330	33 16V	1
C223	ECKD1H103Z	0.01 50V	1
C224, 225	ECEA1HS100	10 50V	2
C226	ECKD1H101K	100p 50V	1
C228	ECEA1AS471	470 10V	1
C230	ECKD1H223Z	0.022 50V	1
C231	ECEA50MR1R	0.1 50V	1
C232	ECFD1V103KD	0.01 35V	1
C233	ECKD1H103Z	0.01 50V	1
C235	ECEA25Z4R7	4.7 25V	1
C301	ECEA50M1R	1 50V	1
C302	ECEA50M3R3R	3.3 50V	1
C303	ECOS1102JZ	1000p 125V	1
C304	ECEA50Z1	1 50V	1
C305, 306	ECFD1V183	0.018 35V	2
C307, 308	ECEA25Z4R7	4.7 25V	2
C309	ECEA1HS100	10 50V	1
C310	ECEA1CS221	220 16V	1
C311, 312	ECKD1H331K	330p 50V	2
C401, 402	ECEA50M3R3R	3.3 50V	2
C403, 404	ECKD1H101K	100p 50V	2
C405, 406	ECKD1H102K	1000p 50V	2
C407, 408	ECEA0JS471	470 6V	2
C409, 410	ECEA1HS100	10 50V	2
C411, 412	ECQM1H332KZ	3300p 50V	2
C413, 414	ECKD1H152K	1500p 50V	2
C415, 416	ECEA50Z3R3	3.3 50V	2
C417, 418	ECFD1V473KD	0.047 35V	2
C419, 420	ECEA50MR1R	0.1 50V	2
C421, 422	ECKD1H182K	1800p 50V	2
C423, 424	ECQM1H562kZ	5600p 50V	2
C425, 426	ECCD1H820K	82p 50V	2
C427, 428	ECQM1H473KZ	0.047 50V	2
C429, 430	ECKD1H103Z	0.01 50V	2
C431, 432	ECKD1H103Z	0.01 50V	2
C433	ECEA1HS2R2	2.2 50V	1
C603, 604	ECEA50Z1	1 50V	2
C605, 606	ECEA50Z1	1 50V	2
C607	ECEA1CS010	1 50V	1
C608	ECEA1CS100	10 16V	1

REPLACEMENT PARTS LIST

■ Cabinet and Chassis

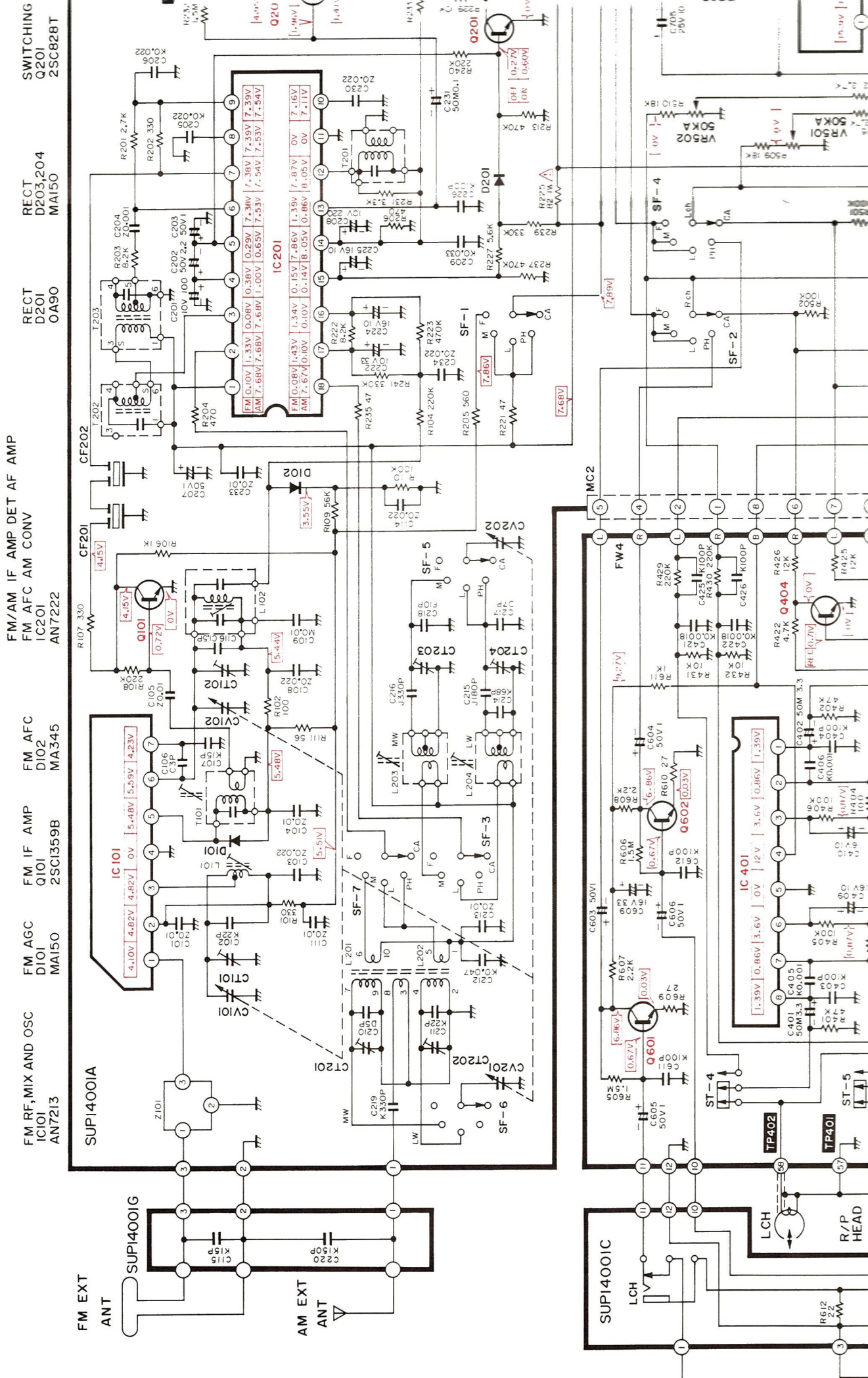
Ref. No.	Part No.	Description Unit: μ F (p pF)		Per Set (pcs.)	Ref. No.	Part No.	Description	Per Set (pcs.)
C609	ECEA1CS330	33	16V	1	1	SKM6840	Cabinet	1
C611, 612	ECKD1H101K	100p	50V	1	2	SYU444	Bottom Board Ass'y	1
C701, 702	ECEA25Z4R7	4.7	25V	2	3	SYE890	Dust Cover Ass'y	1
C703	ECEA25Z221	220	25V	1	4	SBH9054-5	Cap, Hinge	(2)
C705, 706	ECEA1HS100	10	50V	2	5	SBH9056-3	Hing, Right	(1)
C707, 708	ECEA1ES220	22	25V	2	6	SBH9058-3	Hing, Left	(1)
C709, 710	ECFD1V183	0.018	35V	2	7	SHG336	Foot	4
C711, 712	ECQM1H104KZ	0.1	50V	2	8	SXE174	Eject Arm Ass'y	1
C713, 714	ECFD1V222KD	2200p	35V	2	9	SHR9094	Latch A	1
C715, 716	ECFD1V103KD	0.01	35V	2	10	SHR969ZA	Latch B	4
C717, 718	ECEA50MR1R	0.1	50V	2	11	SYP566	Escutcheon Ass'y	1
C719, 720	ECEA1ES101	100	25V	2	12	SBN1002-1	Knob, Tuning	1
C721, 722	ECEA1ES471	470	25V	2	13	SBN1004-1	Knob, Volume	1
C725, 726	ECKD1H471K	470p	50V	2	14	SBN1008-2	Knob, Selector	1
C801	ECQS1122JZ	1200p	125V	1	15	SBN1032	Knob, Control	3
C802	ECQS1562JZ	5600p	125V	1	16	SBC616-3	Button, Power	1
C803	ECFD1V123KD	0.012	35V	1	17	SBC286-6	Button, Cassette	6
C804	ECFD1E683MD	0.068	25V	1	18	SBC310-2	Button, Tape Select	3
C805	ECEA1CS221	220	16V	1	19	SYE726	Lid, Cassette	1
C806	ECEA1ES220	22	25V	1	20	SDP1052	Dial Pointer Ass'y	1
C807	ECEA1CS221	220	16V	1	21	SGE1384	Blind Plate	1
C811, 812	ECCD1H220K	22p	50V	2	22	RUV387ZC	Cover, Voltage Selector	1
C813, 814	ECKD1H101K	100p	50V	2	23	SUV226	Cover, Insulator	1
C815, 816	ECCD1H220K	22p	50V	2	24	SDT9284	Shaft, Tuning	1
C820	ECEA1CS221	220	16V	1	25	SDD80-2	Drum, Dial	1
C901	ECET35R332SL	3300	35V	1	26	SJY5162	Spacer, LED	3
C903	ECEA5021	1	50V	1	27	SJY9072	Spring	1
C904	ECKD1H2232	0.022	50V	1	28	RDS4170A	Spring, Dial	1
C905	ECFD1V473KD	0.047	35V	1	29	SHR134	Power Cord Clamp	1
C906	ECKD1H2232	0.022	50V	1	30	SJA138	Power Cord	1
C907	ECFD1V473KD	0.047	35V	1	31	SJF110	Holder, Fuse	4
C908	ECQS1224MZ	0.22	125V	1	32	XCJ6P21E-2	Jack, Headphone	1
					33	SJS9408	Terminal, DIN ANT	1
					34	SJF9208	Terminal, DIN SP	1
					35	SJF9102-1	Terminal, 5P	1
					36	RJJ48A	Jack, Microphone	2
					37	SGN5860	Name Plate	1
						SGN5862	Nam Plate (for DEMKO)	1

PARTS LOCATION OF CABINET AND CHASSIS



SG-2110

SCHEMATIC DIAGRAM MODEL S



RECT	SWITCHING	SWITCHING	FM MPX
D203,204	Q202	Q204	IC301
MA150	25C828T	25C945LP K	TAC7343P
GO	25C828T	25C945LP K	

