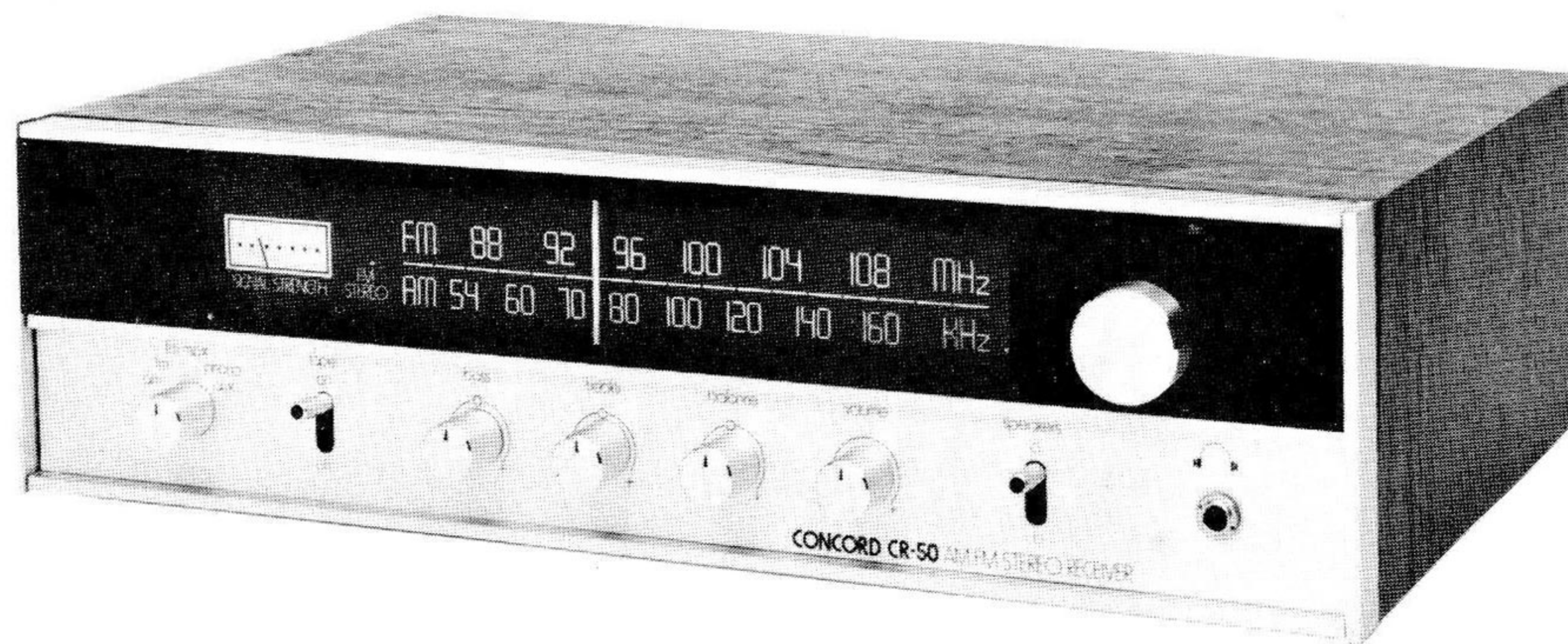


CONCORD Service Manual

MODEL CR-50 SOLID STATE STEREO RECEIVER

Serial Numbers with last four digits from
– 1001 through – 9000

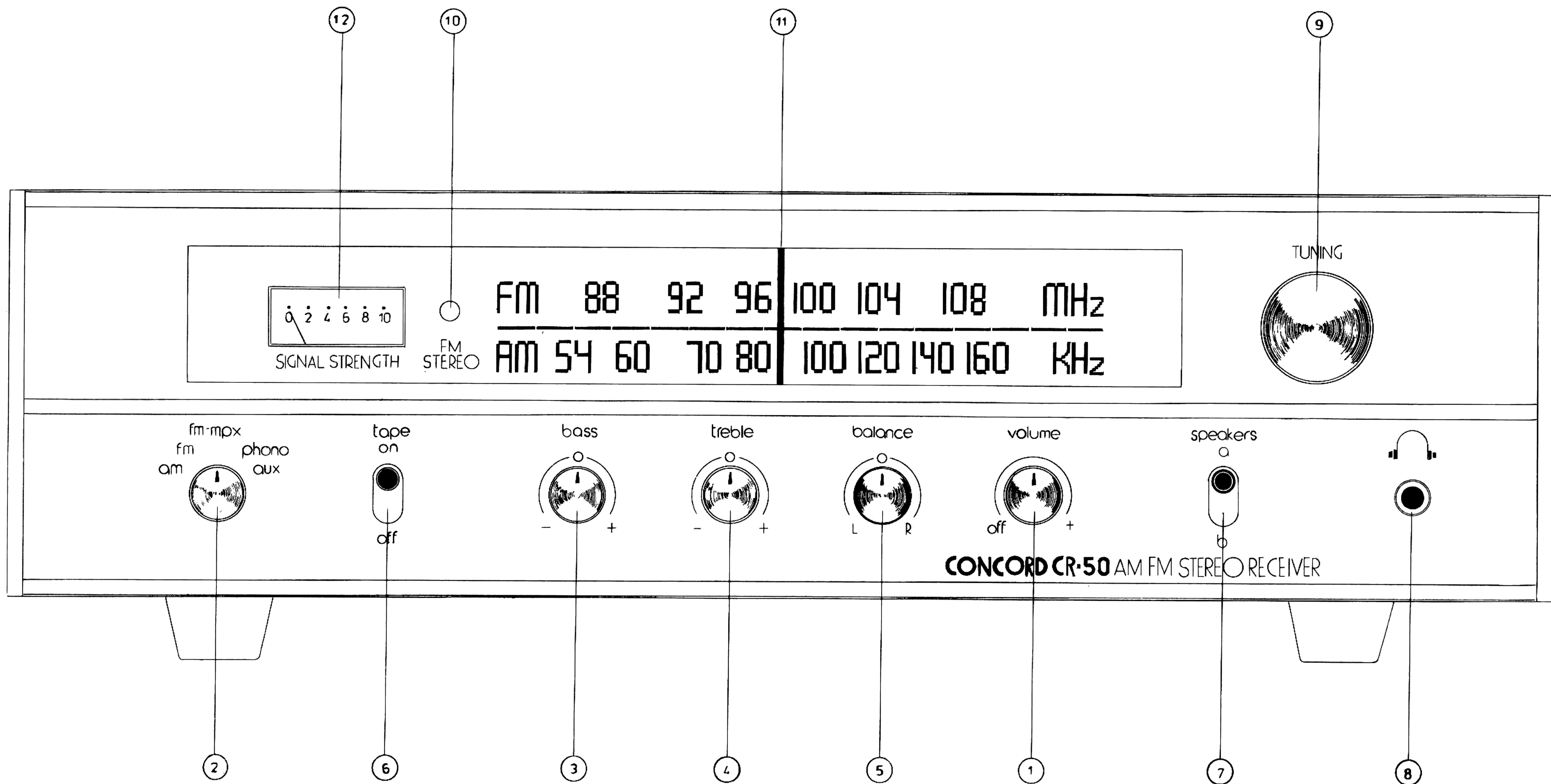


Concord Products

Benjamin Electronic Sound Company, 40 Smith Street, Farmingdale, New York 11735

CONTROLS & TERMINALS

FRONT PANEL LAYOUT

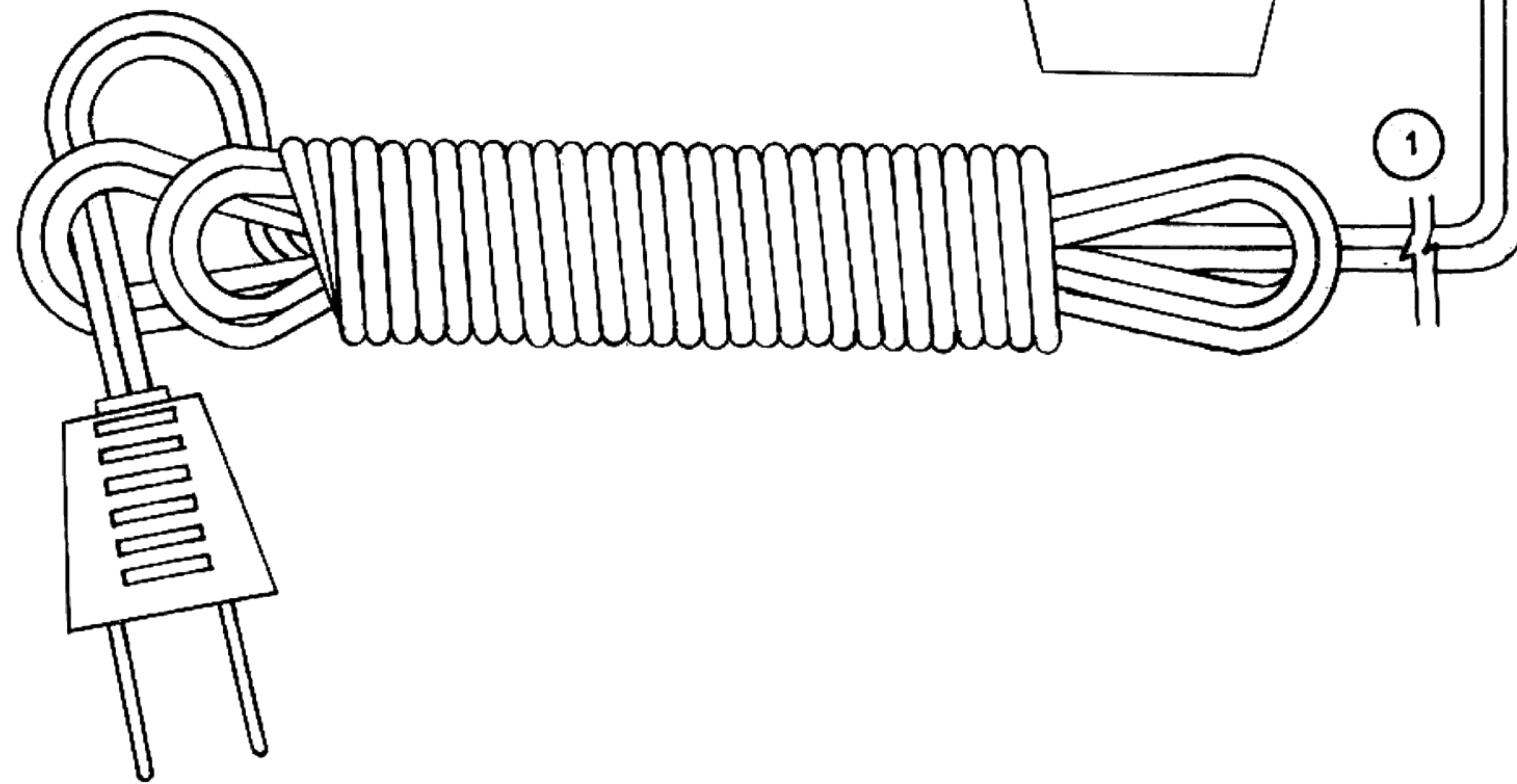
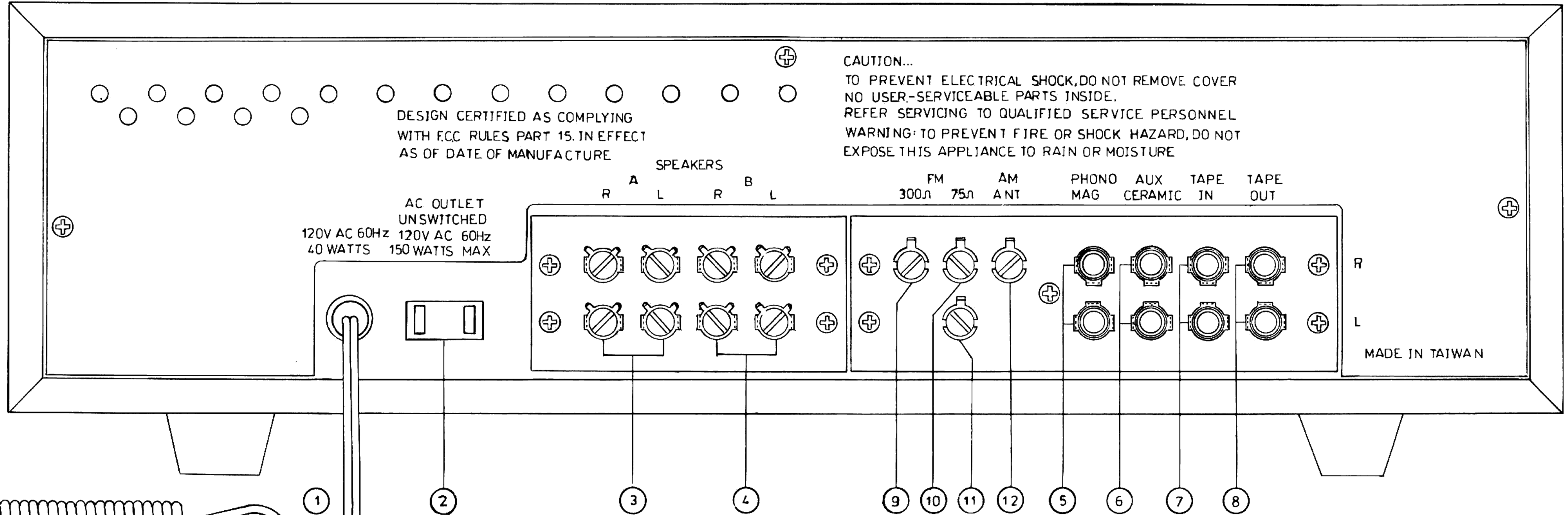


- ① POWER SWITCH with VOLUME
- ② SELECTOR SWITCH AM, FM, FM-MPX, PHONO and AUX
- ③ BASS CONTROL
- ④ TREBLE CONTROL
- ⑤ BALANCE CONTROL
- ⑥ TAPE MONITOR SWITCH

- ⑦ SPEAKER SELECTOR SWITCH A and B
- ⑧ PHONES JACK
- ⑨ TUNING
- ⑩ STEREO INDICATOR
- ⑪ DIAL POINTOR
- ⑫ SIGNAL STRENGTH METER

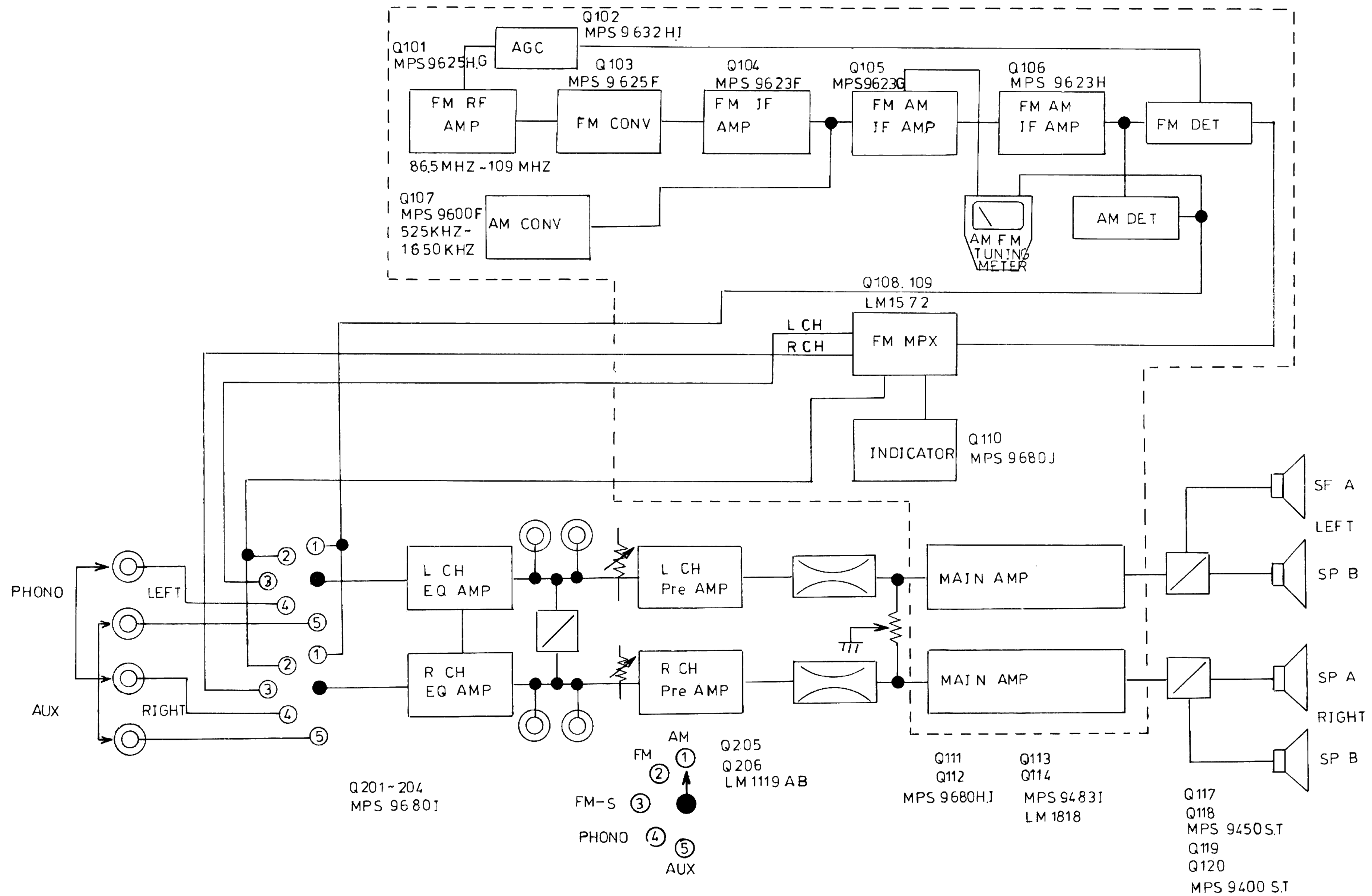
CONTROLS & TERMINALS

REAR PANEL LAYOUT

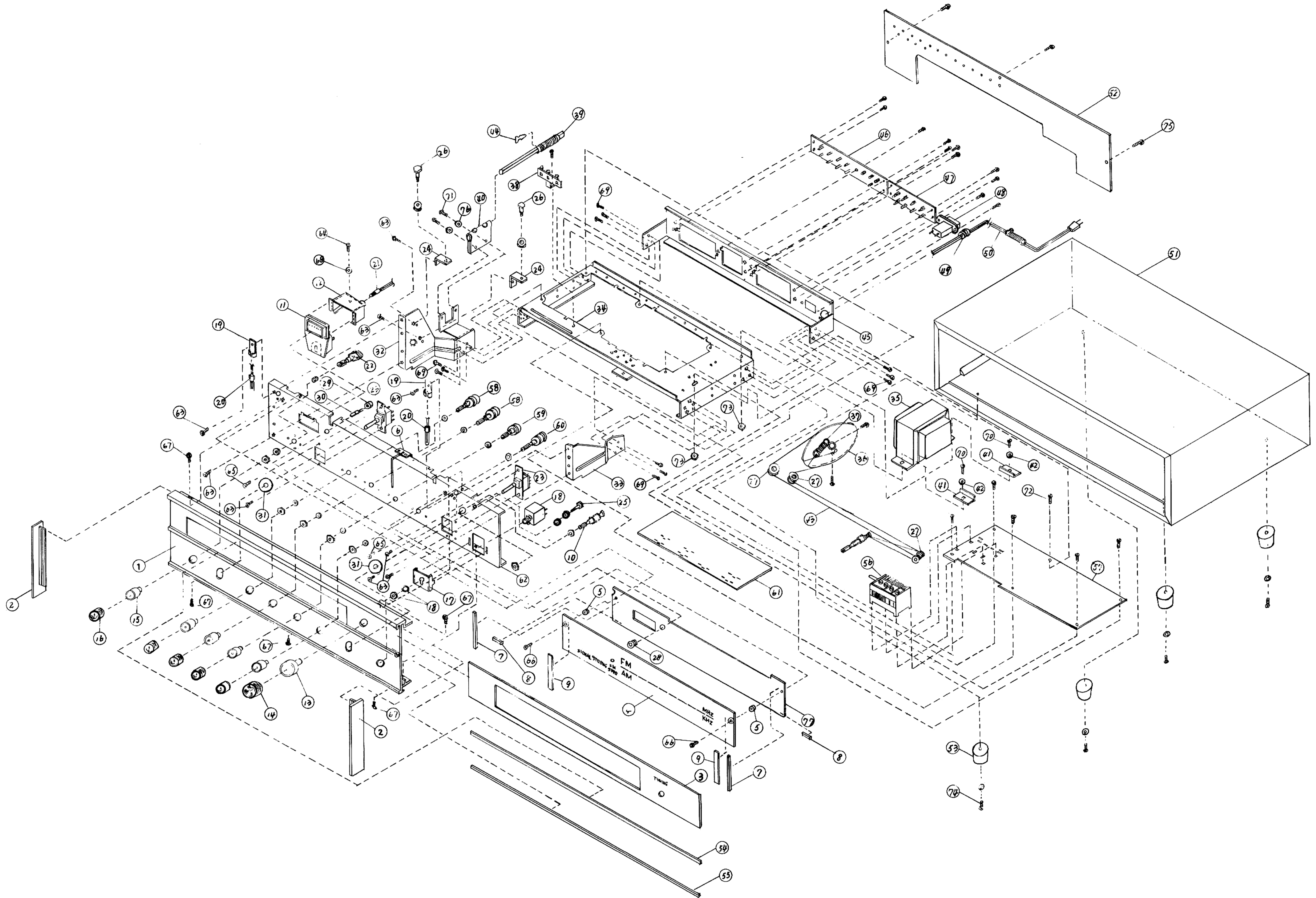


- ① PLUG AC 120V 60Hz
- ② UNSWITCHED AC OUTPUT
- ③ OUTPUT RIGHT and LEFT A SPEAKERS
- ④ OUTPUT RIGHT and LEFT B SPEAKERS
- ⑤ PHONOGRAPH INPUT (MAG. type CAR TRIDGE)
- ⑥ AUXILIARY INPUT
- ⑦ TAPE INPUT
- ⑧ TAPE OUTPUT
- ⑨ EXTERNAL ANTENNA INPUT FM (IMPEDANCE 300 OHM)
- ⑩ EXTERNAL ANTENNA INPUT FM (IMPEDANCE 75 OHM)
- ⑪ GND
- ⑫ EXTERNAL ANTENNA

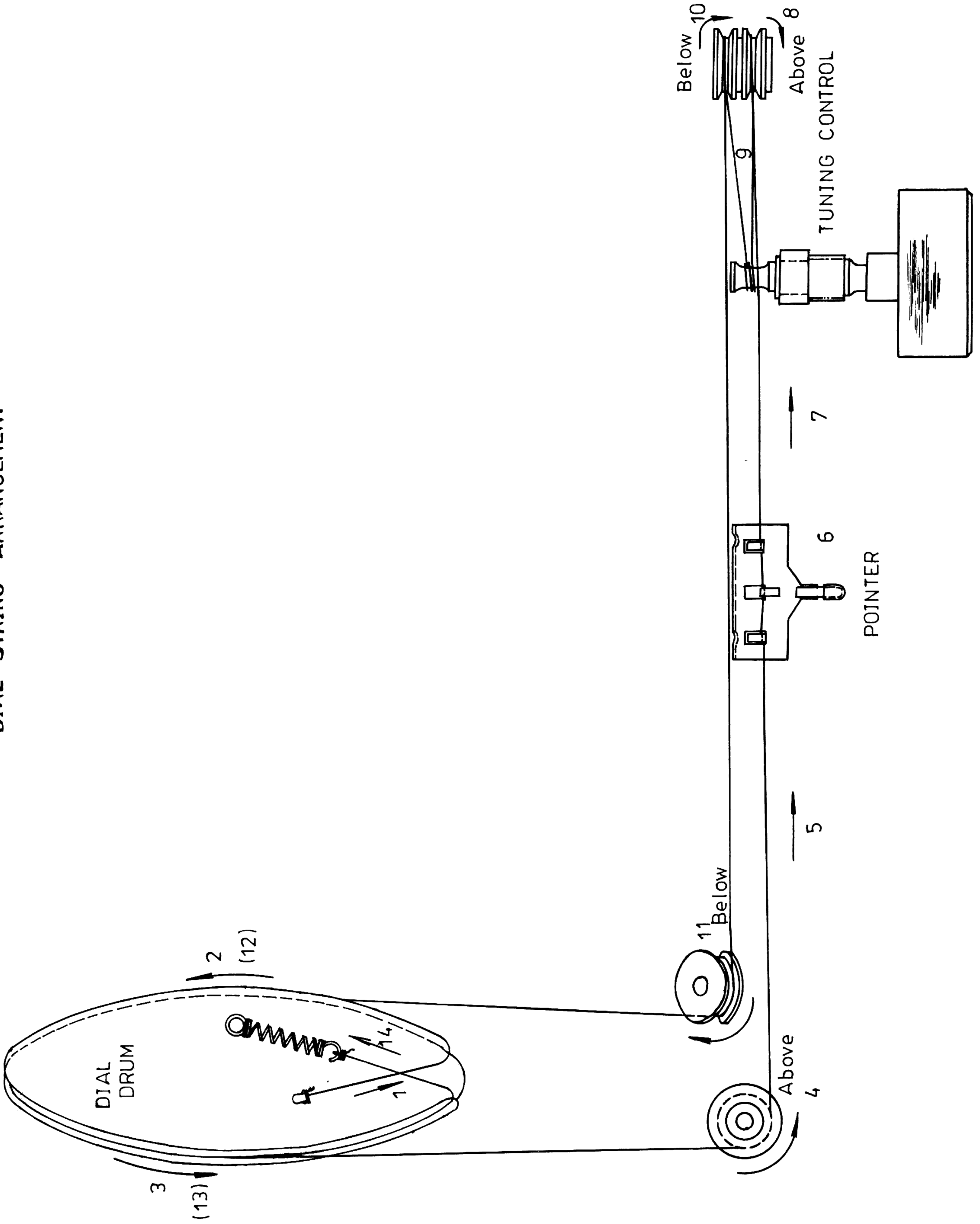
BLOCK DIAGRAM

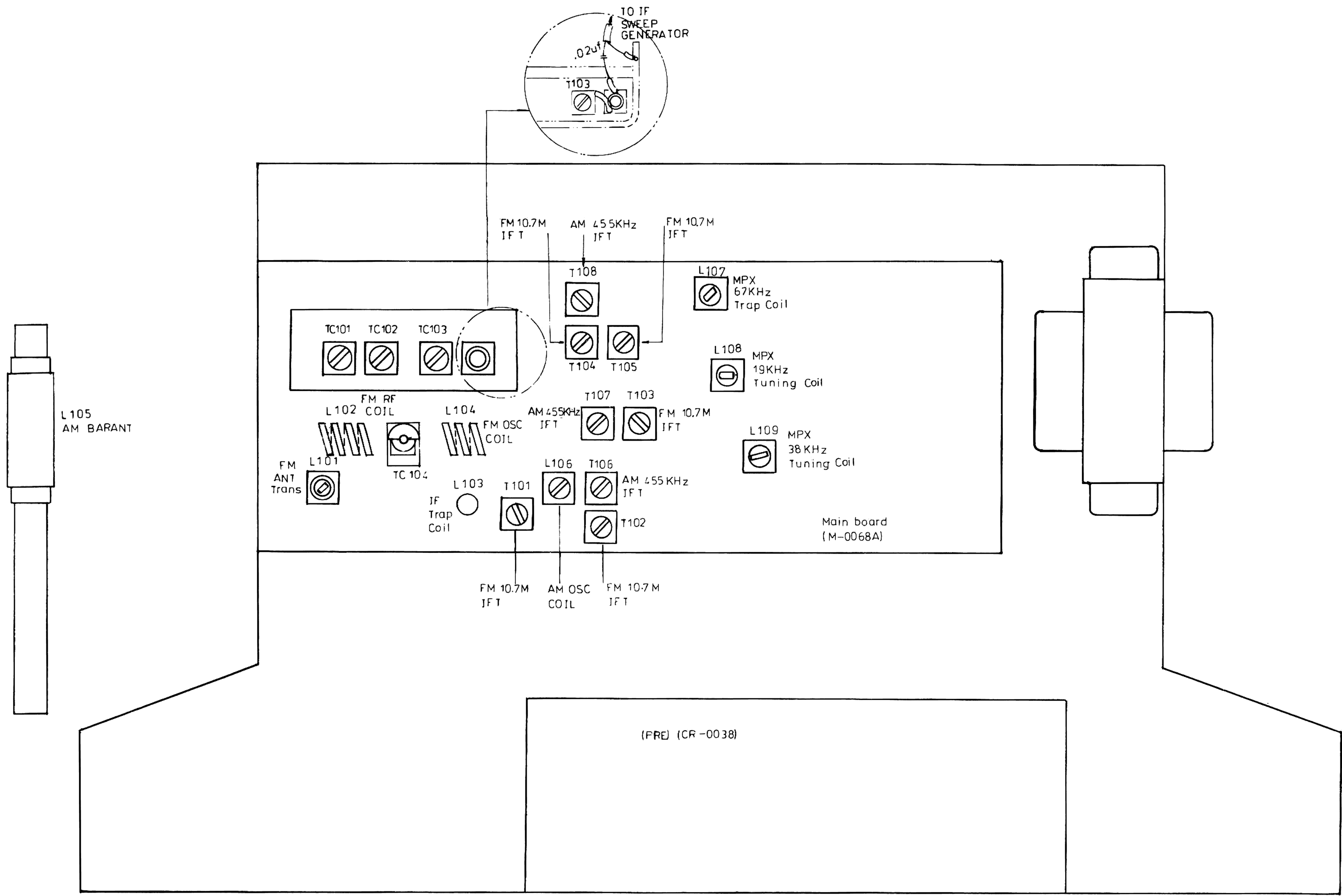


DISASSEMBLY INSTRUCTION & ILLUSTRATION



DIAL STRING ARRANGEMENT





ALIGNMENT POINTS

ALIGNMENT INSTRUCTIONS

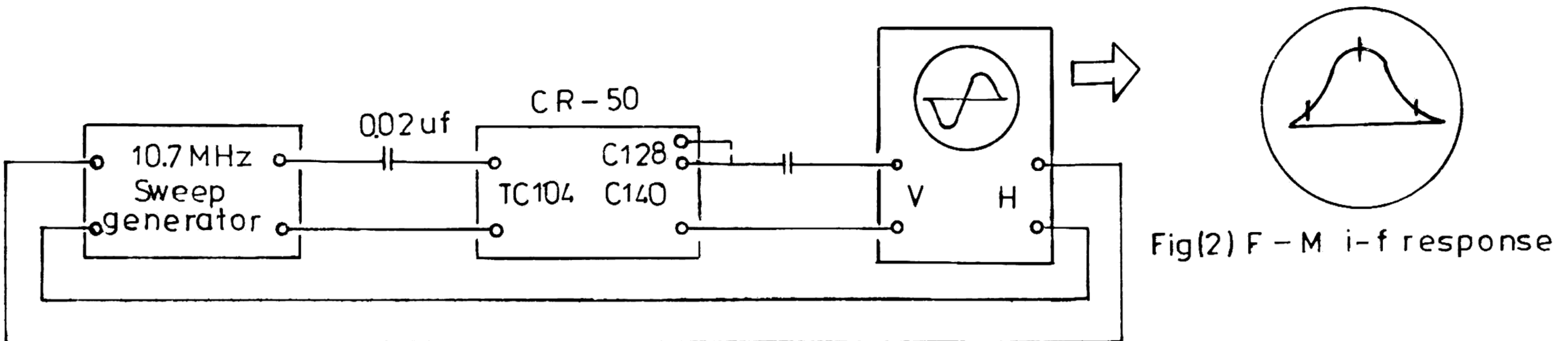
FM RF & IF ALIGNMENT

EQUIPMENT REQUIRED

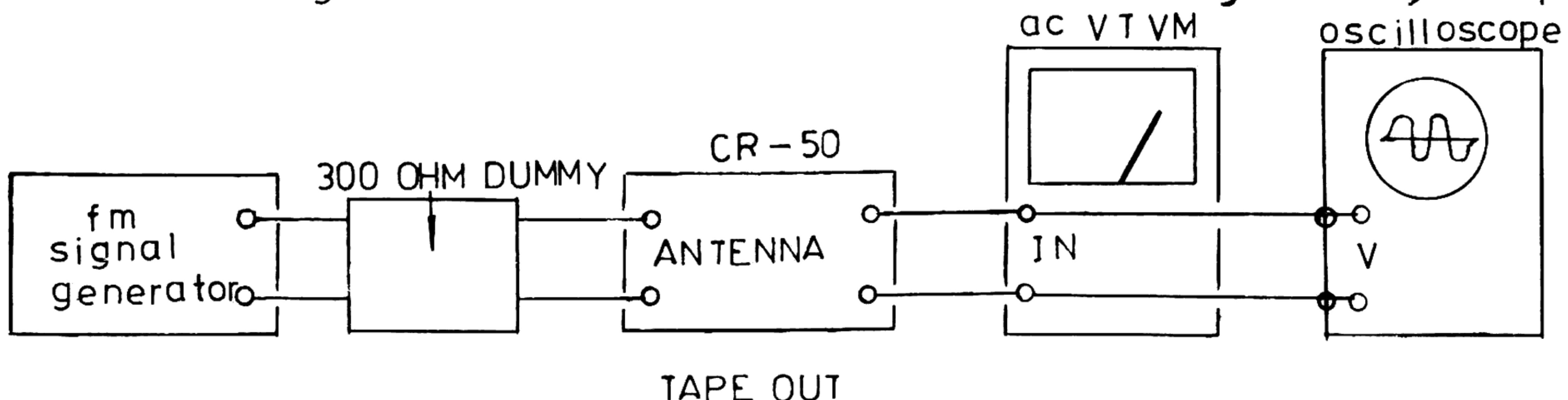
1. FM Signal Generator.....Output Level 60dB(1mV)
2. Sweep Generator
3. AC Voltmeter
4. Oscilloscope

Note: • Signal generator output should be no higher than necessary to obtain an output reading
 • Set SELECTOR Switch FM.
 • Maintain line voltage at 120 volts

STEP	GENERATOR COUPLING	GENERATOR FREQUENCY	RADIO DIAL SETTING	INDICATOR	ADJUSTMENT	REMARKS
	Connect the output cable of the sweep generator across two points, use alligator clips and make the connection through a 0.02uf coupling capacitor as shown in part "O" of alignment points.	10.7 MHz (1400KHz Sweep)	Any dial setting where no noise or interference exists.	Scope to C128 As shown in Fig(2,3)	T101 FM IFT T102 T103	Adjust for maximum amplitude and proper linearity between ± 150 KHz markers Refer to
				Scope input lead across C140 as shown in Fig(3)	T101 FM IFT T102 FM IFT	
4	Signal Generator to FM Antenna Terminal thru FM Dummy antenna(300 Ω)	98 MHz (400Hz. 100% MOD)	Tune for maximum reading meter	Distortion Meter to TAPE OUT Jack	T105 secondary	Adjust for minimum distortion.
5	Same as above	90 MHz	90 MHz	AC Voltmeter and Scope to TAPE REC jack	L104 (FM OSC) L102 (FM RF) L101 (FM ANT)	Adjust for maximum reading meter
6	Same	106 MHz	106 MHz		TC104 (FM OSC Trimmer) TC102 (FM RF Trimmer)	
7	Repeat steps 5 and 6 until no further improvement is noticed.					



Fig(3) Test setup for fm discriminator alignment by sweep generator

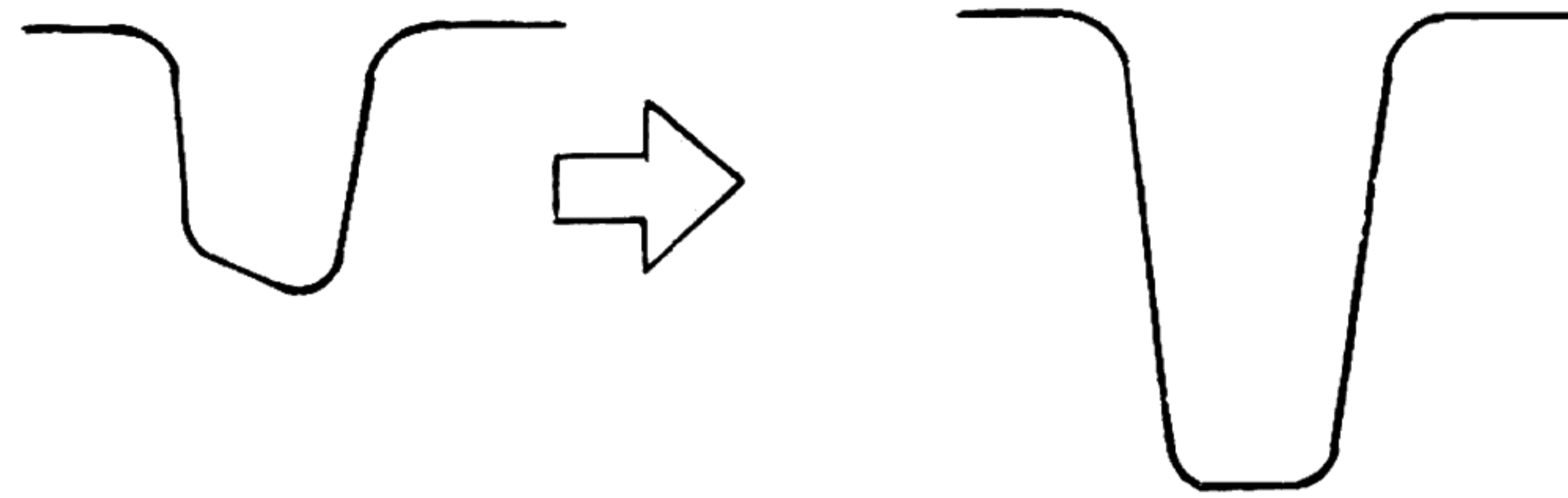


Fig(4) FM Frequency coverage and tracking alignment test setup

ALIGNMENT INSTRUCTIONS

EQUIPMENT REQUIRED

1. AM Signal Generator
2. AC Voltmeter
3. Oscilloscope



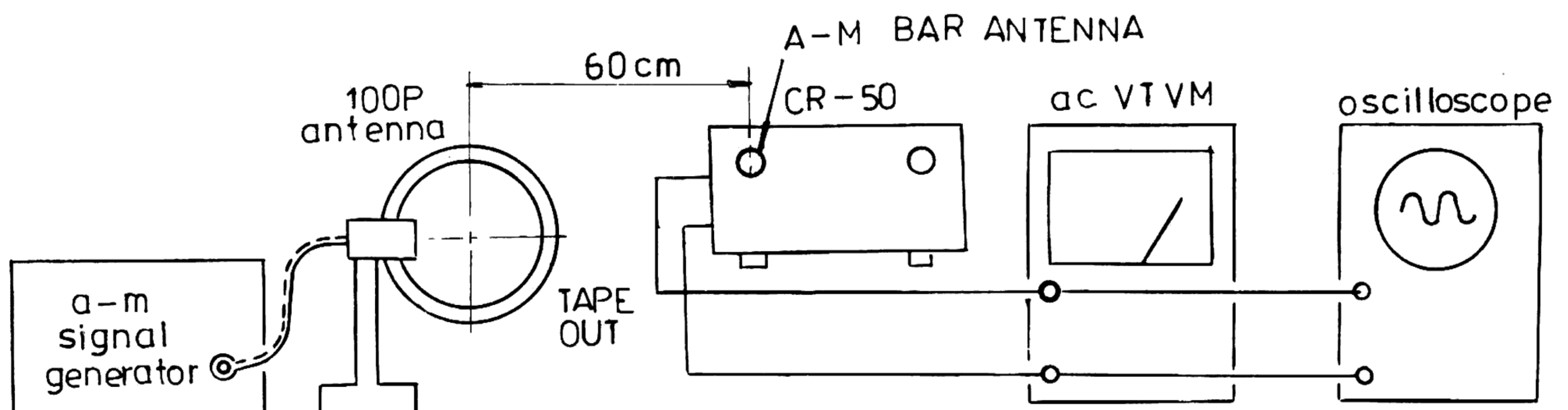
Fig(1)

A - m i-f response

AM IF & RF ALIGNMENT

NOTES: • Signal generator output should be no higher than necessary to obtain an output reading
 • Maintain line voltage at 120 volts
 • Set SELECTOR Switch to AM

STEP	SIGNA GENERATOR COUPLING	SIGNAL GENERATOR FREQUENCY	RADIO DIAL SETTING	INDICATOR	ADJUSTMENT	REMARKS
1	Fashion loop of several turns of wire and radiate signal into the loop antenna	455 KHz (400Hz 30% MOD)	Point of non-inteference (near 600KHz)	AC Voltmeter to TAPE OUT JACK	T106(1st 1FT) T107(2nd 1FT) T108(3rd 1FT)	Adjust for maximum reading
2	Same as above.	600 KHz (400Hz 30% MOD)	600 KHz	Same above	L106(OSC Coil) L105(ANT Coil)	Adjust for maximum reading
3	Same.	1400 KHz (400Hz 30% MOD)	1400 KHz	Same	TC 103 (OSC Trimmer) TC 101 (ANT Trimmer)	Adjust for maximum reading
4	Repeat steps 2 and 3 until no further change is noticed					



Fig(2) AM Frequency coverage and tracking alignment test setup

ALIGNMENT INSTRUCTIONS

FM STEREO SEPARATION ADJUSTMENT

Test Equipment Required

1. FM stereo signal generator
2. AC VTVM
3. Oscilloscope
4. Alignment tools

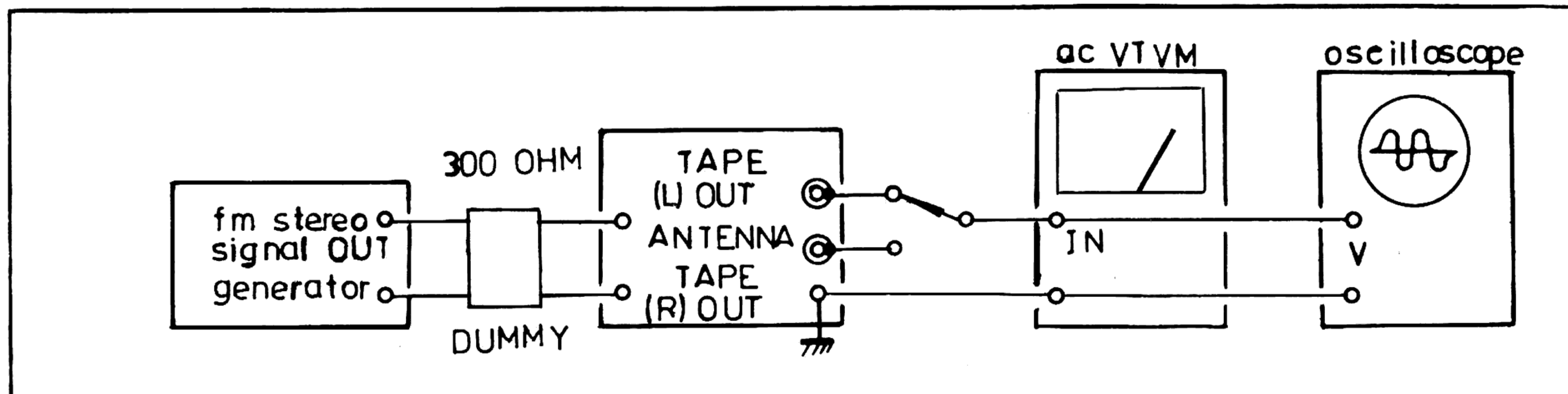
Procedure

1. Connect the equipment as shown in Fig (5)
then set the FM stereo signal generator controls as follows:

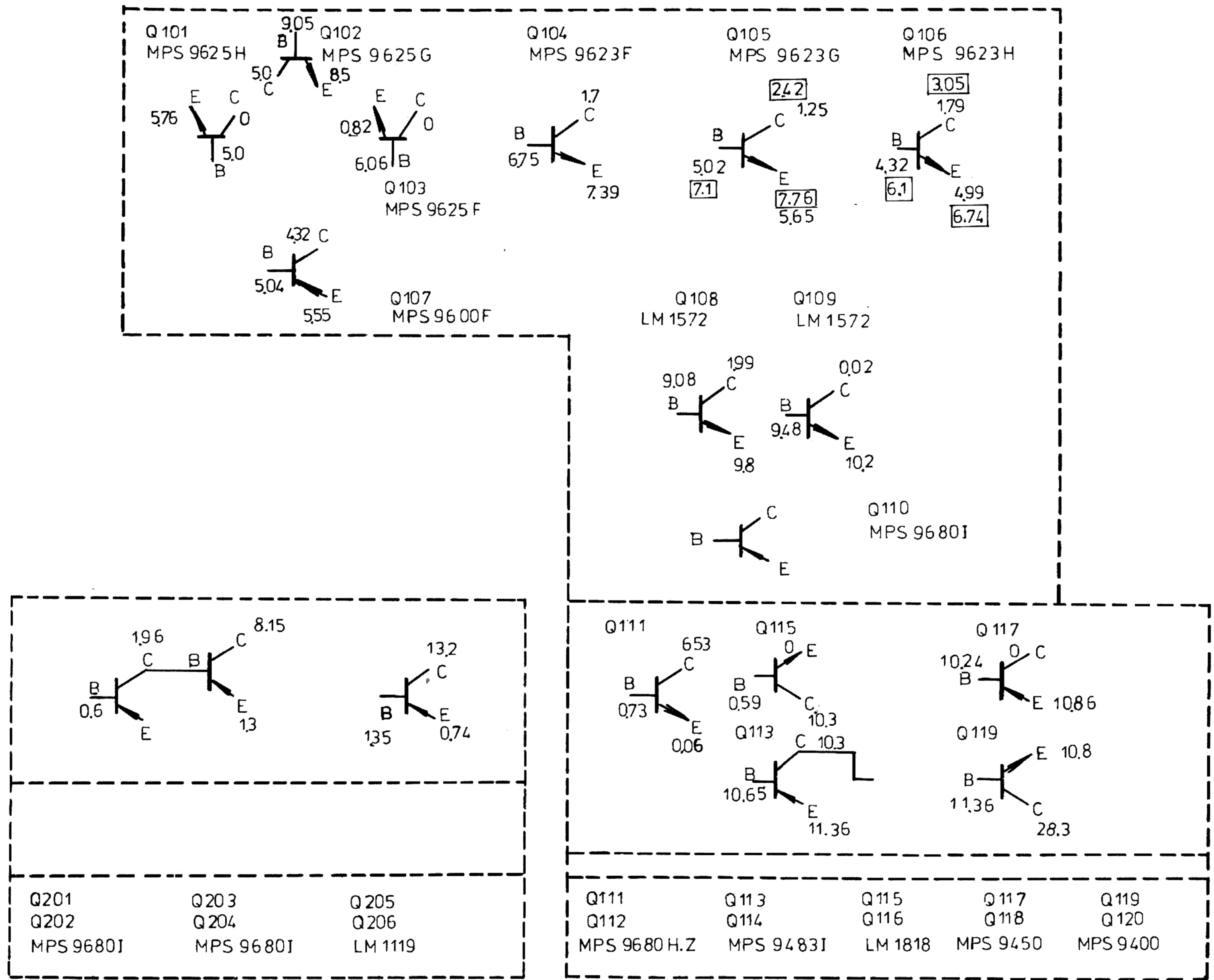
Carrier frequency..... 98KHz
Output level..... 1,000uV (60dB)
Mode..... Stereo
Audio (400Hz) Mod..... 67.5KHz (90%)*
Pilot (19KHz) Mod..... 7.5KHz (10%)

* Note: 75KHz (100%) if metering indicates
total modulation (audio+pilot)

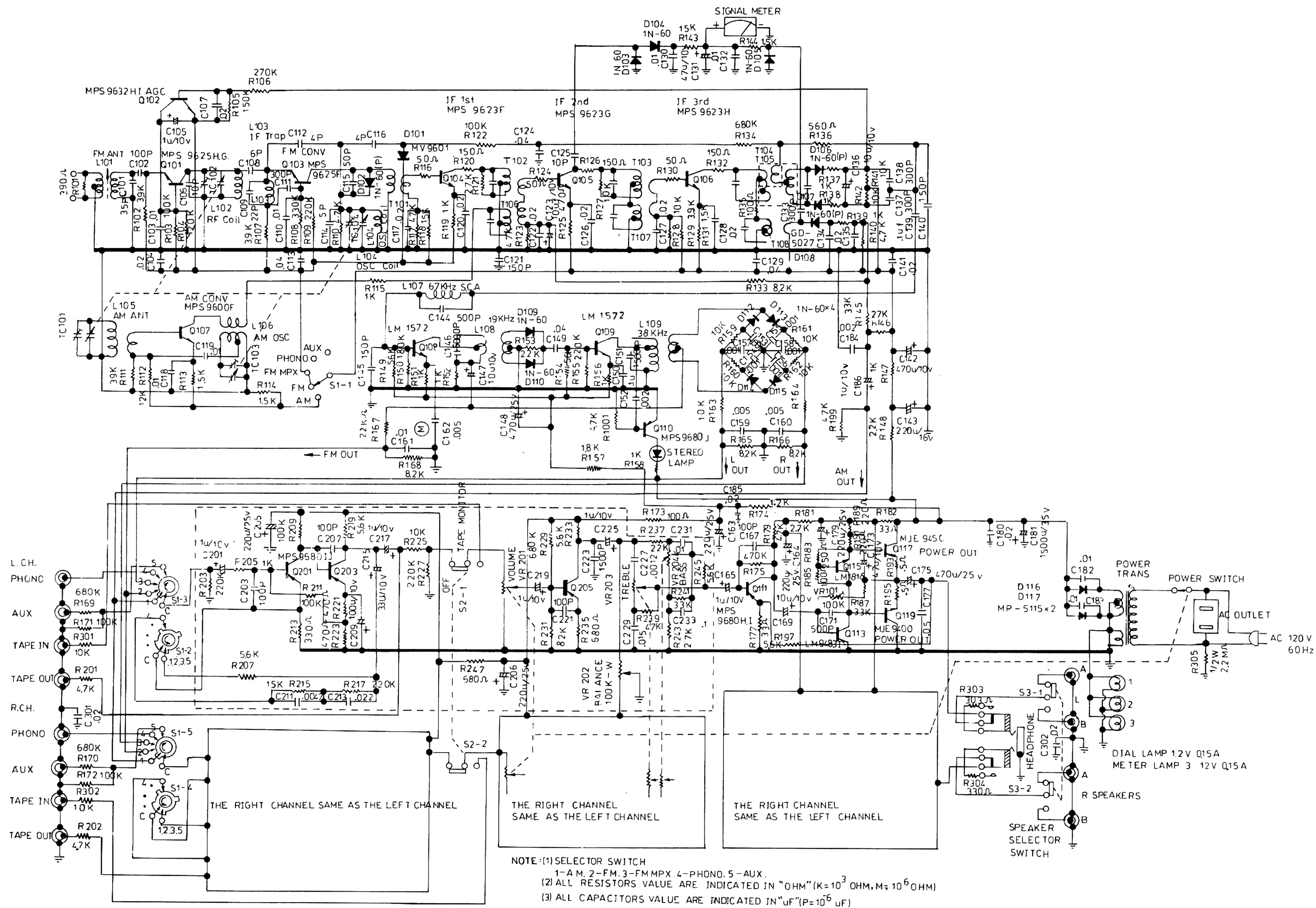
2. Precisely tune the set to the signal-generator carrier frequency then turn the top core of 19KHz coil L108 (see Fig 5) to obtain maximum output at the left channel.
3. Record the output level of the left channel when the MPX generator input selector is set to left channel.
4. Switch the input selector to the right channel and read the residual signal level in the left channel.
5. The output-level to residual-level ratio represents the separation. Turn the top core 38KHz coil L109 (see Fig.5) for minimum residual level. Check the right channel for separation.
6. read just 19KHz coil L108 for minimum difference between left-and right-channel separation.



Fig(5) FM Stereo separation adjustment test setput



VOLTAGE CHART



NOTE: (1) SELECTOR SWITCH
 1-AM, 2-FM, 3-FM MPX, 4-PHONO, 5-AUX.
 (2) ALL RESISTORS VALUE ARE INDICATED IN "OHM" (K=10³ OHM, M=10⁶ OHM)
 (3) ALL CAPACITORS VALUE ARE INDICATED IN "UF" (P=10⁻⁶ UF)

SCHEMATIC DIAGRAM

Capacitors

Notes : 1. Capacitance values are indicated in uF unless otherwise specified.

2. CEC Ceramic Capacitor
3. EC Electrolytic Capacitor
4. MYL Mylar Capacitor
5. STY Styrol Capacitor

$$(PF) = 10^{-6} \quad (\mu F) = 10^{-12} \quad (F)$$

<u>Ref. No.</u>	<u>Description</u>			<u>Part No.</u>
C101	33PF	CEC 50V	+ 5 %	1020101033
C102	100PF	CEC 50V	+10 %	1020101038
C103	0.01	CEC 25V	+20 %	1020102013
C104	0.02	CEC 25V	+80 %	1020102014
C105	1	EC 10V	+10 %	1020103003
C106	10PF	CEC 50V	+0.5P	1020101019
C107	0.02	CEC 20V	+20 %	1020102014
C108	6PF	CEC 50V	+0.5P	1020101012
C109	22PF	CEC 50V	+ 5 %	1020101025
C110	0.01	CEC 25V	+20 %	1020102013
C111	300PF	CEC 50V	+10 %	1020101014
C112	4PF	CEC 50V	+0.5P	1020101008
C113	0.04	CEC 25V	+20 %	1020102018
C114	5PF	CEC 50V	+0.5P	1020101010
C115	50PF	CEC 50V	+ 5 %	1020101035
C116	4PF	CEC 50V	+0.5P	1020101008
C117	0.02	CEC 25V	+20 %	1020102014
C118	0.01	CEC 25V	+20 %	1020102013
C119	0.01	CEC 25V	+20 %	1020102012
C120	0.02	CEC 25V	+20 %	1020102014
C121	150PF	CEC 50V	+10 %	1020101040
C122	0.02	CEC 25V	+20 %	1020102014
C123	10	EC 10V	+10 %	1020103012
C124	0.04	CEC 25V	+20 %	1020102018
C125	10PF	CEC 50V	+0.5P	1020101019
C126	0.02	CEC 25V	+20 %	1020102014
C127	0.02	CEC 25V	"	1020102014
C128	0.02	CEC 25V	"	1020102014
C129	0.04	CEC 25V	"	1020102018
C130	0.01	CEC 25V	"	1020102012
C131	47	EC 10V	+10%	1020103033
C132	0.01	CEC 25V	+80%	1020102012
C133	300PF	CEC 50V	+10%	1020101044
C134	0.02	CEC 25V	+80%	1030102012
C135	0.02	CEC 25V	+80%	1020102012
C136	10	EC 10V	+10%	1020103012
C137	300PF	CEC 50V	+10%	1020101044
C138	300PF	CEC 50V	+10%	1020101044
C139	0.1	CEC 25V	+80%	1020102022
C140	150PF	CEC 50V	+10%	1020101040

<u>Ref. No.</u>	<u>Description</u>				<u>Part No.</u>
C141	0.02	CEC	25V	+80% -20%	1020102014
C142	470	EC	10V	+10%	1030103033
C143	220	EC	16V	+10%	1030103023
C144	500PF	STY	50V	+ 5%	1020105003
C145	150PF	CEC	50V	+10%	1020101040
C146	5000PF	STY	50V	+ 5%	1020105005
C147	10	EC	10V	+10%	1020103012
C148	470	EC	25V	+10%	1020103036-1
C149	0.04	CEC	25V	+80% -20%	1020102018
C150	0.1	CEC	25V	+80% -20%	1020102022
C151	1500PF	STY	50V	+ 5%	1020105004
C152	0.002	CEC	50V	+80% -20%	1020102003
C153	0.001	CEC	25V	"	1020102001
C154	0.001	CEC	25V	"	1020102001
C155	0.001	CEC	25V	"	1020102001
C156	0.001	CEC	25V	"	1020102001
C157	0.001	CEC	25V	"	1020102001
C158	0.001	CEC	25V	"	1020102001
C159	0.005	CEC	25V	"	1020102010
C160	0.005	CEC	25V	"	1020102010
C161	0.01	CEC	25V	+20%	1020102013
C162	0.005K	MYL	50V	+10%	1020104008
C163	220	EC	25V	"	1020103025
C164	220	EC	25V	"	1020103025
C165	1	EC	10V	"	1020103003
C166	1	EC	10V	"	1020103003
C167	100PF	CEC	50V	"	1020101038
C168	100PF	CEC	50V	"	1020101038
C169	10	EC	10V	"	1020103012
C170	10	EC	10V	"	1020103012
C171	500PF	CEC	50V	+ 5%	1020101047
C172	500PF	CEC	50V	+ 5%	1020101047
C173	47	EC	10V	+10%	1020103033
C174	47	EC	10V	+10%	1020103033
C175	470	EC	25V	+10%	1020103036-1
C176	470	EC	25V	+10%	1020103036-1
C177	0.05	CEC	25V	+80% -20%	1020102020
C178	0.05	CEC	25V	+80% -20%	1020102020
C179	220	EC	25V	+10%	1020103025
C180	0.02	CEC	25V	+80% -20%	1020102014
C181	1500	EC	35V	+10%	1020103045
C182	0.01	CEC	25V	+80% -20%	1020102012
C183	0.01	CEC	25V	"	1020102012
C184	0.002	CEC	25V	"	1020102003
C185	0.02	CEC	25V	"	1020102014

<u>Ref. No.</u>	<u>Description</u>				<u>Part No.</u>
C186	1	EC	10V	+10%	1020103003
C201	1	EC	10V	"	1020103003
C202	1	EC	10V	"	1020103003
C203	100PF	CEC	50V	"	1020101038
C204	100PF	CEC	50V	"	1020101038
C205	220	EC	25V	"	1020103025
C206	220	EC	25V	"	1020103025
C207	100PF	CEC	50V	"	1020101038
C208	100PF	CEC	50V	"	1020101038
C209	100	EC	10V	"	1020103019
C210	100	EC	10V	"	1020103019
C211	4700PF	MYL	50V	"	1020104002
C212	4700PF	MYL	50V	"	1020104002
C213	0.022	MYL	50V	"	1020104010
C214	0.022	MYL	50V	"	1020104010
C215	3.3	EC	10V	"	1020103006
C216	3.3	EC	10V	"	1020103006
C217	1	EC	10V	"	1020103003
C218	1	EC	10V	"	1020103003
C219	1	EC	10V	"	1020103003
C220	1	EC	10V	"	1020103003
C221	100PF	CEC	50V	+ 5%	1020101037
C222	100PF	CEC	50V	+ 5%	1020101037
C223	1500PF	MYL	50V	+10%	1020104012
C224	1500PF	MYL	50V	"	1020104012
C225	1	EC	10V	"	1020103003
C226	1	EC	10V	"	1020103003
C227	1200PF	MYL	50V	"	1020104011
C228	1200PF	MYL	50V	"	1020104011
C229	0.015	MYL	50V	"	1020104013
C230	0.015	MYL	50V	"	1020104013
C231	0.01	MYL	50V	"	1020104009
C232	0.01	MYL	50V	"	1020104009
C233	0.1	MYL	50V	"	1020104006
C234	0.1	MYL	50V	"	1020104006
C301	0.02	CEC	25V	+80%	1020102014
C302	0.02	CEC	25V	-20%	1020102014

Coil & Transformers:

<u>Ref. No.</u>	<u>Description</u>	<u>Part No.</u>
L101	FM ANT Coil	1040104001
L102	FM RF Coil	1040202001
L103	FM IF Trap Coil	1040400001
L104	FM OSC Coil	1040303001
L105	AM ANT Coil	1040101002
L106	AM OSC Coil	1040301001
L107	67KHZ Coil 1T004HN	1040501002
L108	19KHZ Coil 2T009Bo	1040501001
L109	38KHZ Coil 2T010BQ	1040501003
T101	FM IFT 94ANH7P015BM	1050601001
T102	FM IFT 94CH7P047A	1050601002
T103	FM IFT 94DCH6P017A	1050601003
T104	FM IFT 94ACH7P012PPF	1050601004
T105	FM IFT 94FCH8P008SBS	1050601005
T106	AM IFT YLC4P004A	1050501001
T107	AM IFT YLC4P103A	1050501002
T108	AM IFT YMC2P071A	1050501003
	Power Transformer (P-7-D)	1050109001

Timmer & Variable Capacitors:

TC101	Trimmer Capacitors	1020203001
TC102	Trimmer Capacitors	1020201001
TC103	Trimmer Capacitors	1020201001
TC104	Trimmer Capacitors	1020201001

Semiconductors:

Q101	Transistor MPS9625H.G.	1010101021H.G.
Q102	Transistor MPS9623H.I.	1010101023H.I.
Q103	Transistor MPS9625F.	1010101021
Q104	Transistor MPS9623F.	1010101020F.
Q105	Transistor MPS9623G.	1010101020G.
Q106	Transistor MPS9623H.	1010101020H.
Q107	Transistor MPS9600F.	1010101015F.
Q108	Transistor LM 1572	1010101006
Q109	Transistor LM1572	1010101006
Q110	Transistor MPS9682J.	1010101029J.
Q111	Transistor MPS9680H.I.	1010101027H.I.
Q112	Transistor MPS9680H.I.	1010101027H.I.
Q113	Transistor LM9483I.	1010101037I.
Q114	Transistor LM9483I.	1010101037I.
Q115	Transistor LM1818	1010101005
Q116	Transistor LM1818	1010101005

<u>Ref. No.</u>	<u>Description</u>	<u>Part No.</u>
Q117	Transistor MJE 9450	1010101013
Q118	Transistor MJE 9450	1010101013
Q119	Transistor MJE 9400	1010101011
Q120	Transistor MJE 9400	1010101011
Q201	Transistor MPS 9680I.J.	1010101027I.J.
Q202	Transistor MPS 9680I.J.	1010101027I.J.
Q203	Transistor MPS 9680I.J.	1010101027I.J.
Q204	Transistor MPS 9680I.J.	1010101027I.J.
D101	Diode MV 9601	1010201001
D102	Diode IN60(P)	1010204001P
D103	Diode IN60	1010204001
D104	Diode IN60	1010204001
D105	Diode IN60	1010204001
D106	Diode IN60(P)	1010204001P
D107	Diode IN60(P)	1010204001P
D108	Diode GD5027	1010204003
D109	Diode IN60	1010204001
D110	Diode IN60	1010204001
D112	Diode IN60	1010204001
D113	Diode IN60	1010204001
D114	Diode IN60	1010204001
D115	Diode IN60	1010204001
D116	Diode MP-5115	1010201004
D117	Diode MP-5115	1010201004

Resistors

- Note: 1) Resistance values are indicated in OHMS.
2) Fixed rating is $\frac{1}{4}$ W, unless otherwise specified.
3) Tolerance is $\pm 10\%$, unless otherwise indicated with
J($\pm 5\%$) K= 10^3 OHM, M= 10^3 KOHM= 10^6 OHM

<u>Ref. No.</u>	<u>Description</u>	<u>Part No.</u>
R101	390 Carbon	1030101062
R102	3.9K "	1030101087
R103	100K "	1030101123
R104	120K "	1030101125
R105	150K "	1030101127
R106	270K "	1030101133
R107	3.9K "	1030101087
R108	330K "	1030101135
R109	220K "	1030101130
R110	4.7K "	1030101089
R111	39K "	1030101111
R112	12K "	1030101099
R113	1.5K "	1030101076
R114	1.5K "	1030101076
R115	1K "	1030101072
R116	50 "	1030101038
R117	47K "	1030101114
R118	15K "	1030101101
R119	1K "	1030101072
R120	150 "	1030101051
R121	27K "	1030101107
R122	100K "	1030101123
R123	47K "	1030101114
R124	50 "	1030101038
R125	470 "	1030101064
R126	150 "	1030101051
R127	10K "	1030101097
R128	10K "	1030101097
R129	3.9K "	1030101087
R130	50 "	1030101038
R131	1.5K "	1030101076
R132	150 "	1030101127
R133	8.2K "	1030101095
R134	680K "	1030101143
R135	100 "	1030101047
R136	560 "	1030101066
R137	1K "	1030101072
R138	1K "	1030101092
R139	1K "	1030101072
R140	4.7K "	1030101089

<u>Ref. No.</u>	<u>Description</u>	<u>Part NO.</u>
R141	10K carbon	1030101097
R142	10K "	1030101097
R143	15K "	1030101101
R144	1.5K "	1030101076
R145	33K "	1030101109
R146	27K "	1030101107
R147	1K "	1030101072
R148	2.2K "	1030101080
R149	56K "	1030101116
R150	180K "	1030101128
R151	1K "	1030101072
R152	1K "	1030101072
R153	22K "	1030101105
R154	56K "	1030101116
R155	220K "	1030101130
R156	1K "	1030101072
R157	1.8K "	1030101078
R158	1K "	1030101072
R159	10K "	1030101097
R160	10K "	1030101097
R161	10K "	1030101097
R162	10K "	1030101097
R163	10K "	1030101097
R164	10K "	1030101097
R165	8.2K "	1030101095
R166	8.2K "	1030101095
R167	22K "	1030101105
R168	8.2K "	1030101095
R169	680K "	1030101143
R170	680K "	1030101143
R171	100K "	1030101123
R172	100K "	1030101123
R173	100 "	1030101047
R174	1.2K "	1030101074
R175	470K "	1030101139
R176	470K "	1030101139
R177	33 "	1030101033
R178	33 "	1030101033
R179	4.7K "	1030101089
R180	4.7K "	1030101089
R181	2.7K "	1030101083
R182	33 "	1030102007
R183	250 "	1030101057
R184	250 "	1030101057
R185	100 "	1030101047
R186	100 "	1030101047
R187	33K "	1030101109
R188	33K "	1030101109
R189	220 Metal	1030102008
R190	220 "	1030102008

<u>Ref. No.</u>	<u>Description</u>	<u>Part No.</u>
R191	220 Metal	1030102008
R192	220 "	1030102008
R193	0.5 "	1030103001
R194	0.5 "	1030103001
R195	0.5 "	1030103001
R196	0.5 "	1030103001
R197	5.6 Carbon	1030101091
R198	5.6K "	1030101091
R199	47 K "	1030101114
R1001	4.7K "	1030101089
R201	4.7K "	1030101089
R202	4.7K "	1030101089
R203	220 K "	1030101130
R204	220 K "	1030101130
R205	1 K "	1030101072
R206	1 K "	1030101072
R207	5.6K "	1030101091
R208	5.6K "	1030101091
R209	100 K "	1030101123
R210	100 K "	1030101123
R211	100 K "	1030101123
R212	100 K "	1030101123
R213	330 "	1030101060
R214	330 "	1030101060
R215	15 K "	1030101101
R216	15 K "	1030101101
R217	220 K "	1030101130
R218	220 K "	1030101130
R219	5.6K "	1030101091
R220	5.6K "	1030101091
R221	470 "	1030101064
R222	470 "	1030101064
R223	470 "	1030101064
R224	470 "	1030101064
R225	10 K "	1030101097
R226	10 K "	1030101097
R227	220 K "	1030101130
R228	220 K "	1030101130
R229	680 K "	1030101143
R230	680 K "	1030101143
R231	82 K "	1030101121
R232	82 K "	1030101121
R233	5.6K "	1030101091
R234	5.6K "	1030101091
R235	680 "	1030101068
R236	680 "	1030101068
R237	22 K "	1030101105
R238	22 K "	1030101105
R239	47 K "	1030101114
R240	47 K "	1030101114

<u>Ref. No.</u>	<u>Description</u>	<u>Part No.</u>
R241	33 K Carbon	1030101109
R242	33 K "	1030101109
R243	27 K "	1030101107
R244	27 K "	1030101107
R245	5.6K "	1030101091
R246	5.6K "	1030101091
R247	680 "	1030101068
R301	10 K "	1030101097
R302	10 K "	1030101097
R303	330 "	1030101060
R304	330 "	1030101060
R305	2.2M "	1030102016
VR201	100Kx2 V/R/SW Volume	1030202001
VR202	100Kx1 Blance	1030202012
VR203	100Kx2 Treble	1030202008
VR204	100Kx2 Bass	1030202008
VR101	100K Semi-Fixed	1030301004
VR102	100K Semi-Fixed	1030301004

INSTRUCTION LIST

<u>Ref. No.</u>	<u>Description</u>	<u>Part No.</u>
1	Front Panel	3010201017
2	Panel For Both Slide(R)	3010310003
3	Name Plate	3010301017
4	Dial Plate	3010303012
5	Prop	2021000001
6	Pointer	2021900009
7	Shield Plate	3010312001
8	Shield Plate	3010312002
9	Shield Plate	3010312003
10	Tuning Shaft	2021700007
11	Signal Meter	1230000001
12	Reflection Cover	2020300007
13	Knob (Tuning)	3010600045
14	Cover	3010307027
15	Knob (VR & Selector)	3010600045
16	Knob Cover(VR&Selector)	3010307028
17	Chassis (F)	2011900006
18	Headphone	1090201001
19	Lamp Holder	2020600009
20	Dial Lamp	1060204001
21	Lamp	1060204001
22	Rotary SW	1080200004
23	Level SW	1080500006
24	Chassis (G)	2011900007
25	Roller Shaft	2022600004
26	Roller Shaft	2022600005
27	Roller	2021600002
28	L.E.D. Socket(Holder)	2020600011
29	L.E.D. Socket	2020600012
30	Stereo Lamp	1010202004
31	Rubber Cushion	2040400011
32	Chassis (D)	2011900004
33	Chassis (E)	2011900005
34	Chassis	2011900002
35	Power Transformer(P-7D)	1050109001
36	Dial Drum	2021500002
37	Drum Spring	2022000002
38	Terminal Strip (UL)	1190000002-1
39	AM ANT Coil & Bar	1040101002
40	ANT Holder	2020600010

<u>Ref. No.</u>	<u>Description</u>	<u>Part No.</u>
41	Washer	2022500015
42	Spring Washer	2030302003
43	Dial Spring	1220000002
44	AM ANT Fixing Paper	2040700001
45	Chassis (C)	2011900003
46	Terminal Board	1180000017
47	Terminal Board	1180000018
48	A.C. Socket	1090101001
49	Cord Stopped (UL)	2022300001
50	A.C. Cord W/plug (UL)	1200000003
51	Wooden Cabinet	3010100024
52	Back Plate	3010302016
53	Rubber Leg	3010800003
54	Felt Spacer Washer (A)	2040400013
55	Felt Spacer Washer (B)	2040400014
56	Air/VC	1020201001
57	P.C. Board (A)	1130000017
58	Rotary V/R 100K(A) Treble	1030202008
59	Rotary V/R W/nut Volume	1030202012
60	Rotary V/R W/nut Volume	1030202001
61	P.C. Board (B)	1130000018
62	Chassis (A)	2011900003
63	Screw ISO 3x6 m/m	2030101003
64	Screw ISO 3x4 m/m	2030101001
65	Screw ISO 3x6 m/m (Black)	2030101003
66	Screw ISO 3x12 m/m (Flat)	2030101006
67	Screw ISO 3x8 m/m (Flat)	2030101004
68	Washer (3.2x0.8t)	2030101011
69	Screw ISO (3x6 m/m)	2030101003
70	Screw ISO (3x10m/m)	2030101003
71	Screw ISO (3x8 m/m)	2030101005
72	Screw TP 3.15x6 m/m	2030101004
73	Nut 3Ø ISO	2030201003
74	Wooden Screw	2030101627
75	Wooden Screw	2030101627
76	Washer 3.2x10x0.5t	2030301004
77	Dial Board	3010311001