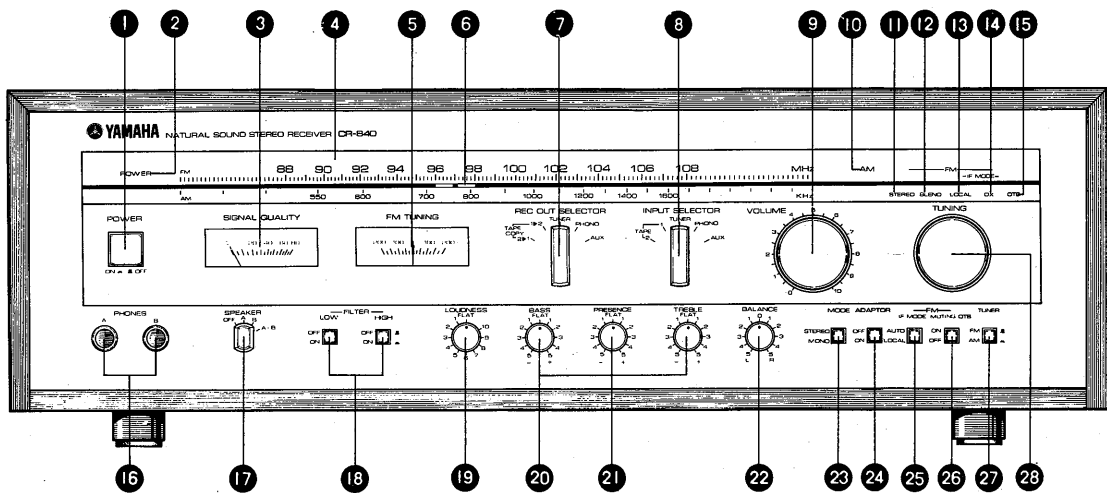


CR-840

SERVICE MANUAL

■ FRONT PANEL



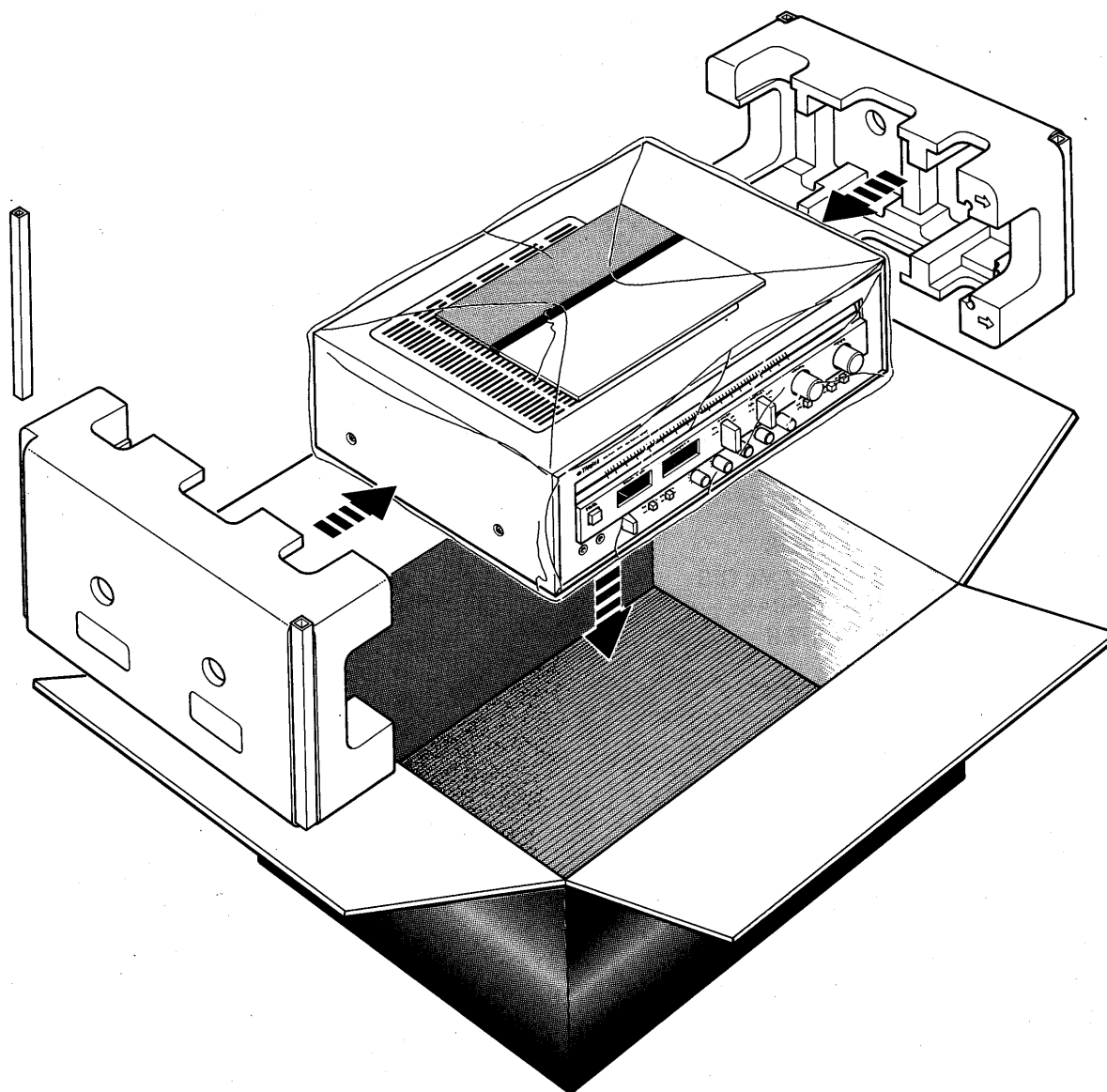
- | | |
|------------------------|---------------------------|
| ① POWER SWITCH | ⑮ OTS INDICATOR |
| ② POWER INDICATOR | ⑯ PHONES JACKS |
| ③ SIGNAL QUALITY METER | ⑰ SPEAKER SELECTOR |
| ④ FM/AM TUNING SCALE | ⑱ LOW AND HIGH FILTERS |
| ⑤ FM TUNING METER | ⑲ LOUDNESS CONTROL |
| ⑥ DIAL POINTER | ⑳ BASS AND TREBLE CONTROL |
| ⑦ REC OUT SELECTOR | ㉑ PRESENCE CONTROL |
| ⑧ INPUT SELECTOR | ㉒ BALANCE CONTROL |
| ⑨ VOLUME CONTROL | ㉓ MODE SWITCH |
| ⑩ AM INDICATOR | ㉔ ADAPTOR SWITCH |
| ⑪ STEREO INDICATOR | ㉕ IF MODE SWITCH |
| ⑫ BLEND INDICATOR | ㉖ MUTING/OTS SWITCH |
| ⑬ LOCAL INDICATOR | ㉗ TUNER FM/AM SWITCH |
| ⑭ DX INDICATOR | ㉘ TUNING KNOB |



■ CONTENTS

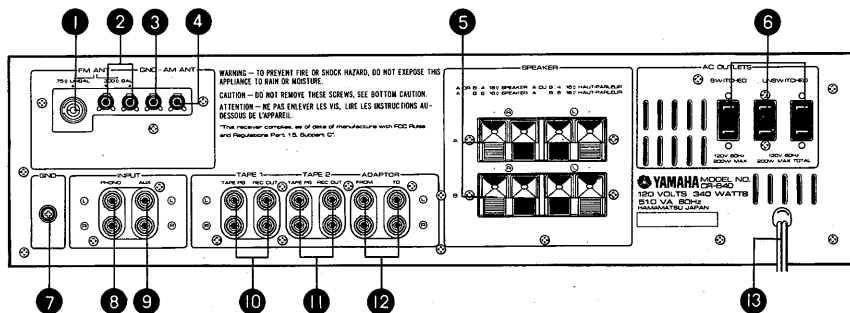
PACKAGE	2
REAR PANEL	3
INTERNAL VIEW	4
DIAL MECHANISM	4
PARTIAL DISASSEMBLY	5
MEASUREMENT AND ADJUSTMENT	6
SPECIFICATION	9
BLOCK DIAGRAM	10
INTEGRATED CIRCUITS	11
WIRING DIAGRAM	13
SCHEMATIC DIAGRAM	14

■ PACKAGE

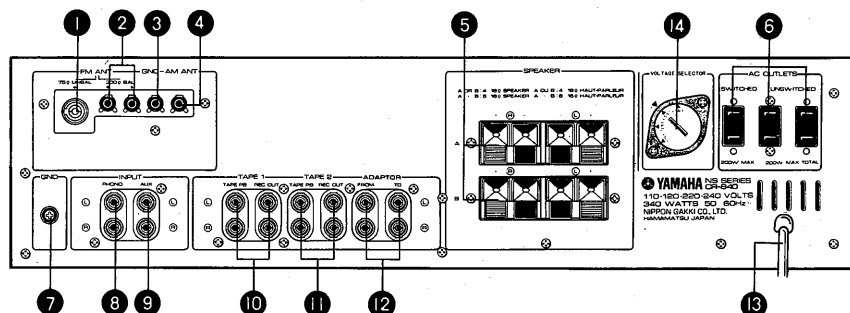


REAR PANEL

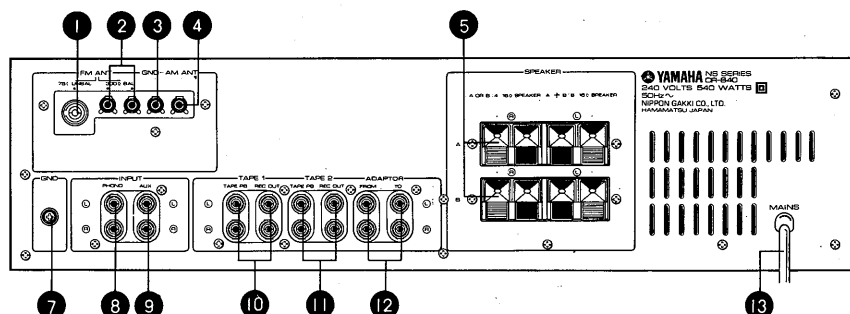
▼ U.S.A. & CANADIAN MODELS



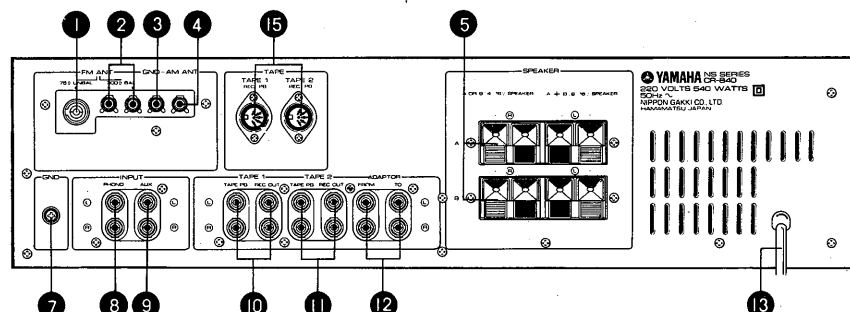
▼ GENERAL MODEL



▼ BRITISH & AUSTRALIAN MODELS



▼ NORTH EUROPEAN MODEL



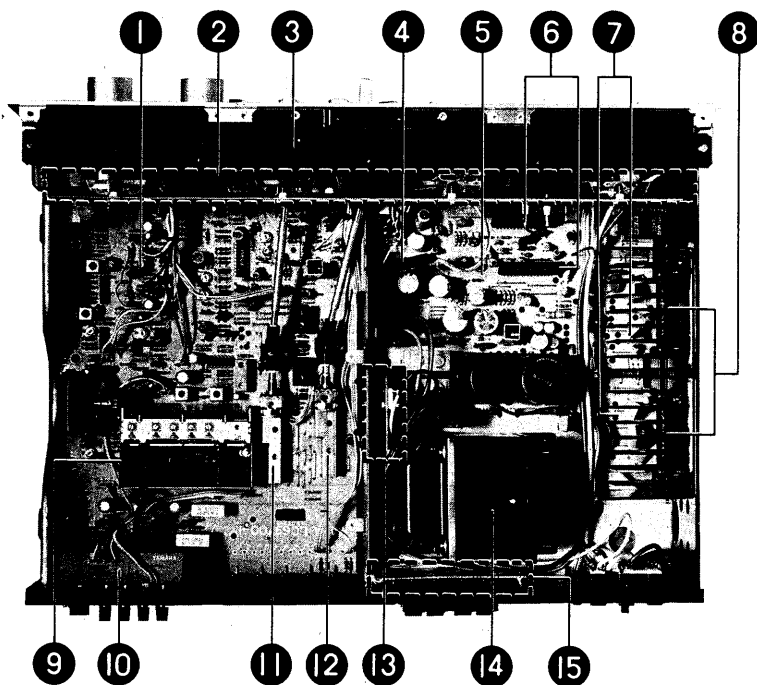
- 1 FM ANTENNA TERMINAL (75Ω)
- 2 FM ANTENNA TERMINAL (300Ω)
- 3 AM GROUND TERMINAL
- 4 AM ANTENNA TERMINAL
- 5 SPEAKERS TERMINAL

- 6 AC OUTLETS
- 7 GROUND TERMINAL
- 8 PHONO INPUT JACKS
- 9 AUX INPUT JACKS
- 10 TAPE 1 PB/REC JACKS

- 11 TAPE 2 PB/REC JACKS
- 12 ADAPTER FROM/TO JACKS
- 13 AC CORD
- 14 VOLTAGE SELECTOR
- 15 TAPE 1, TAPE 2, DIN CONNECTORS

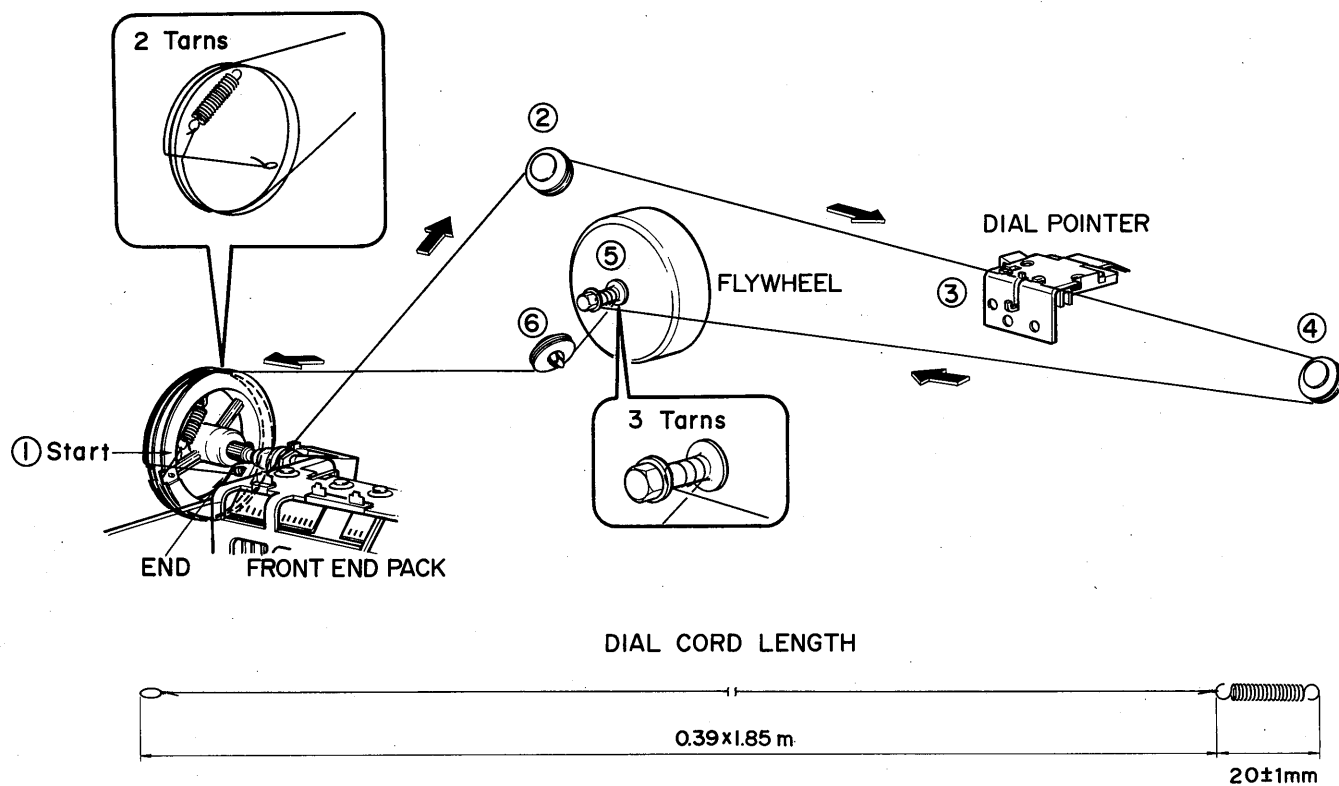
INTERNAL VIEW

TOP VIEW



- ① TUNER CIRCUIT BOARD (1)
- ② LAMP CIRCUIT BOARD
- ③ LENS HOLDER (DIAL LAMP)
- ④ LEAD PIPE (DIAL POINTER LAMP)
- ⑤ MAIN CIRCUIT BOARD (1)
- ⑥ IC: IG2940
- ⑦ HEAT SINK
- ⑧ IC: 02970
- ⑨ FRONT END PACK: PK101
- ⑩ TUNER CIRCUIT BOARD (2): ANT
- ⑪ INPUT SELECTOR SWITCH: SW402
- ⑫ REC OUT SELECTOR SWITCH: SW401
- ⑬ MAIN CIRCUIT BOARD (3): FUSE
- ⑭ POWER TRANSFORMER
- ⑮ MAIN CIRCUIT BOARD (2): SPEAKER

DIAL MECHANISM



PARTIAL DISASSEMBLY

TOP COVER REMOVAL

Remove 4 screws

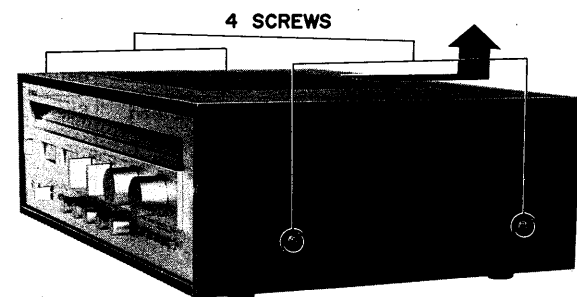


Photo 1

BOTTOM COVER REMOVAL

Remove screws ① to ⑩

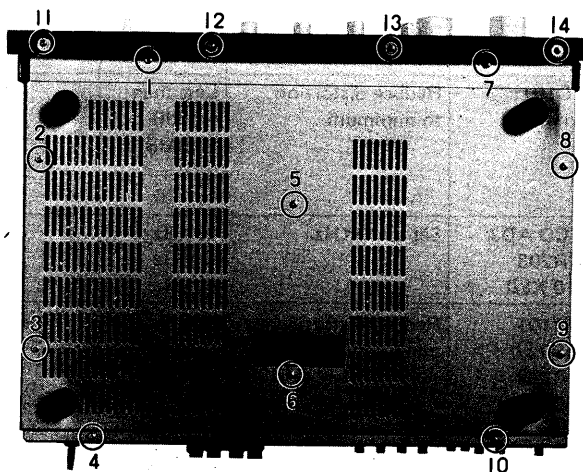


Photo 2

TUNER CIRCUIT BOARD 2 (ANTENNA TERMINAL) REMOVAL

Remove the screws ⑦ and ⑧ in photo 7 and then remove the tuner circuit board 2.

TUNER CIRCUIT BOARD 5 (VOLUME) REMOVAL

Remove the nut ⑨ in photo 6 and then remove tuner circuit board 5.

MAIN CIRCUIT BOARD 2 (SPEAKERS) REMOVAL

Remove the screws ⑨ to ⑫ in photo 7 and then remove the main circuit board 2.

FRONT PANEL REMOVAL

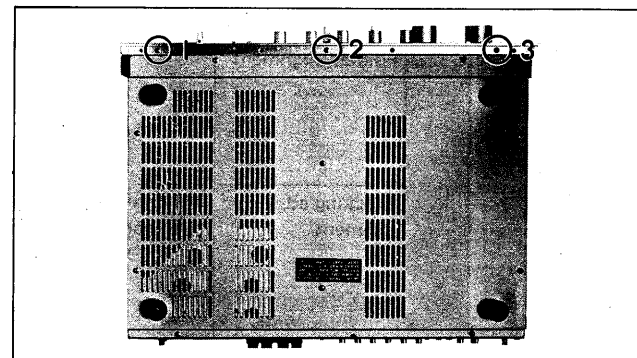


Photo 4

1. Pull out the VOLUME, BASS, TREBLE, PRESENCE, BALANCE and LOUDNESS knobs.
2. Pull out selector switches. Use a hexagonal wrench to loosen the screws inside parts of switches.
3. Remove set-screws in photo 3 with a hexagonal wrench (over 60mm length), and remove tuning knob.
4. Remove the screws ⑪ to ⑭ in photo 2.
5. Remove the screws ① to ③ in photo 4.

USE A HEXAGONAL WRENCH (60 mm)

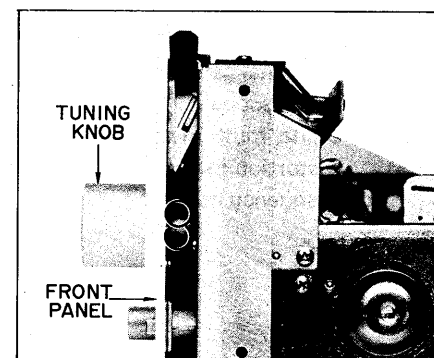


Photo 3

6. Remove the screws ① to ④ in photo 5 and pull out the front panel gently toward you. Disconnect the lead wires of the signal Q meter and FM tuning meter as shown in photo 9.

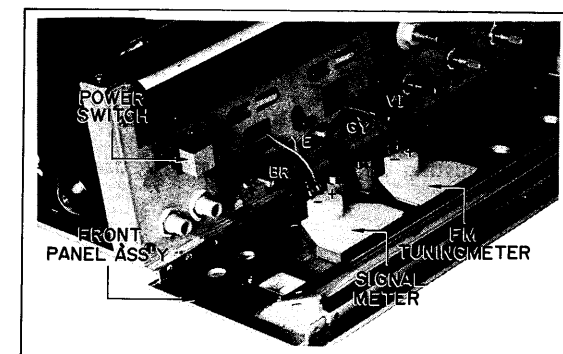


Photo 9

TUNER CIRCUIT BOARD 1 REMOVAL

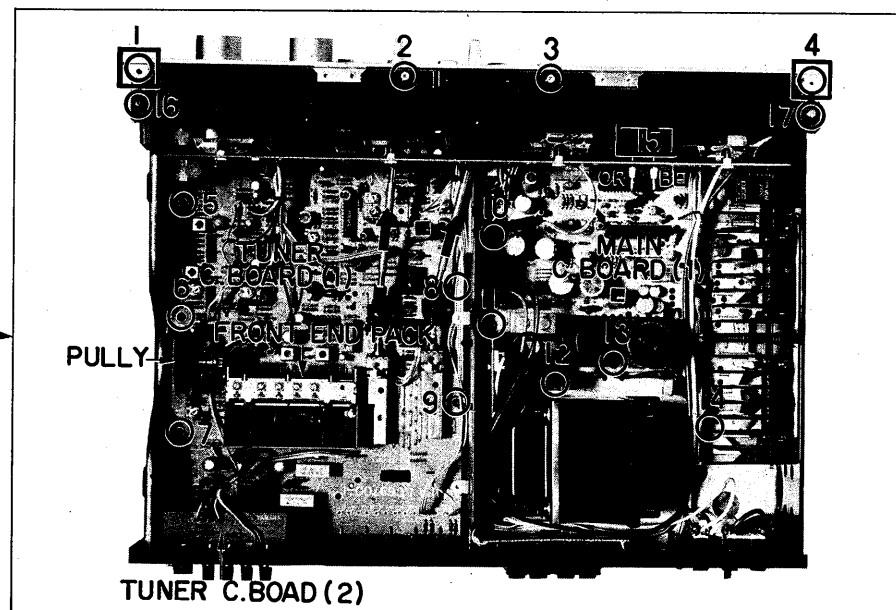


Photo 5

1. Remove the screws ① to ⑥ and ⑮ in photo 6.
2. Remove the screws ① to ⑥ and ⑮ ⑭ in photo 7.
3. Disconnect the joint as shown in photo 5.
4. Pull out the variable capacitor pulley from the variable capacitor shaft. You will find that if you wind adhesive tape or vinyl tape to secure the dial string to the pulley so that the string does not get tangled up.
5. Detach the lead wires which are attached to the tuner printed circuit board 1 and remove the screws ⑤ ~ ⑨. Remove the printed circuit board 1.

TUNER CIRCUIT BOARD 4 (LED) REMOVAL

Hold the plastic rivet ⑦ and ⑧ gently with radio pliers and pull toward yourself and then remove tuner circuit board 4 in photo 6.

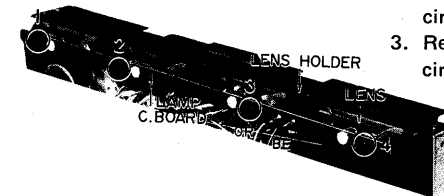
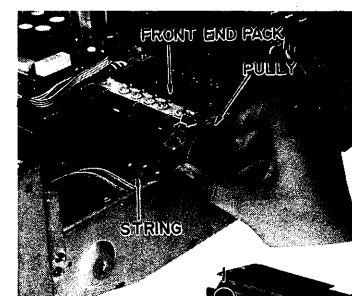


Photo 10

MAIN CIRCUIT BOARD REMOVAL

1. Remove the nuts ⑩ to ⑬ and screws ⑭ and ⑮ in photo 6.
2. Remove the screws ⑩ ~ ⑭ in photo 5 and screws ① to ⑧ in photo 8 and then remove main circuit board 1.
3. Be care not to break the pins of power ICs.

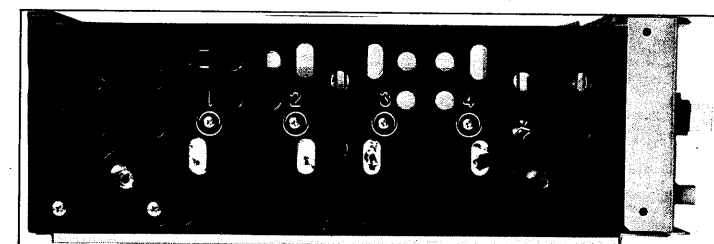


Photo 8

LAMP CIRCUIT BOARD REMOVAL

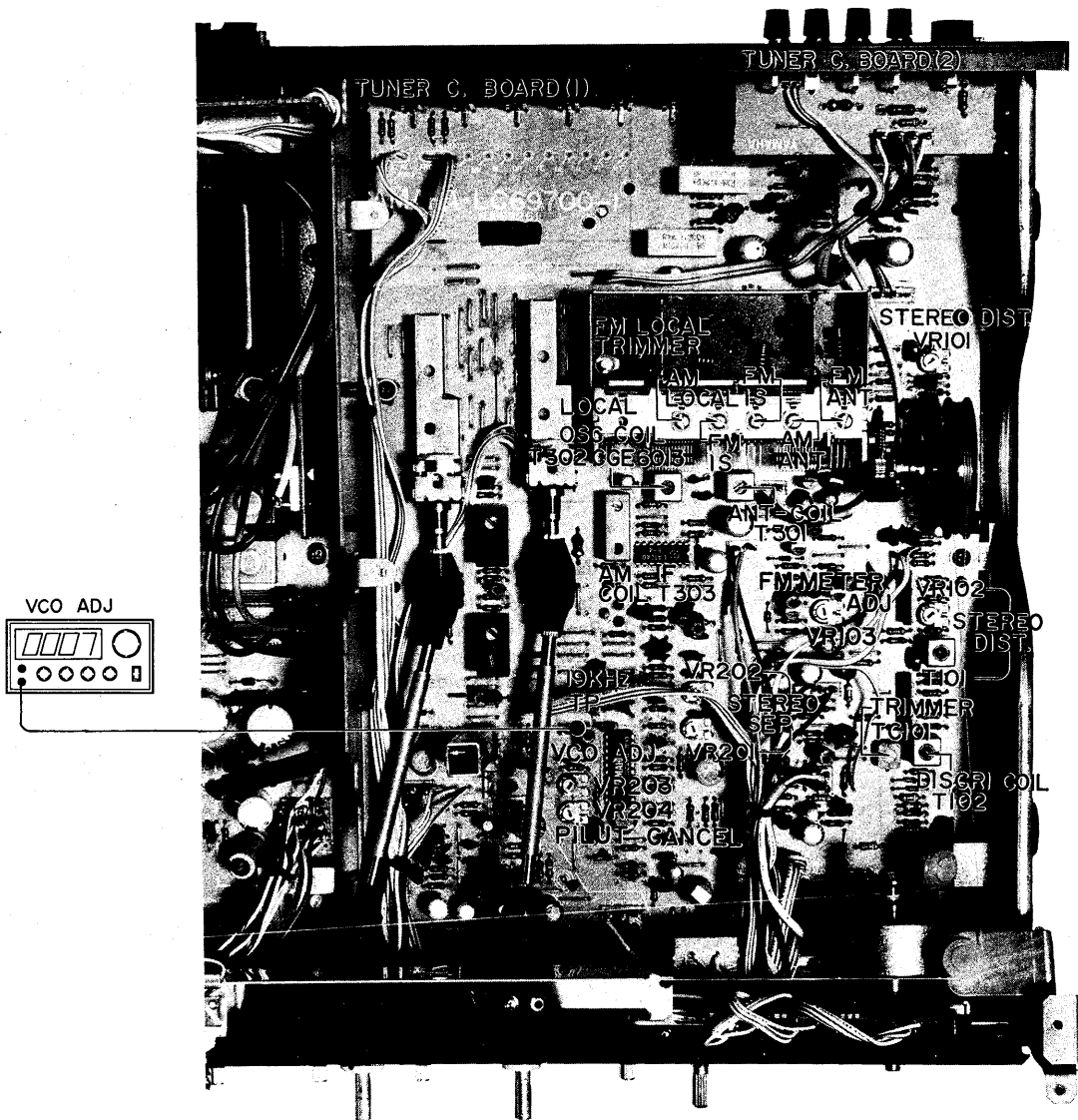
1. Detach the lead wires which are attached to the terminal ⑮ in photo 5.
2. Remove the screws ⑮ and ⑰ in photo 5 and then remove the lamp circuit board and lens-holder.
3. Remove the plastic rivets ① to ④ in photo 10 and then the lamp circuit board is separated from the lens-holder.

MEASUREMENT AND ADJUSTMENT

1. FM tuner overall adjustment

1. Set the switches to the following positions.
Tuner → FM
IF Mode → Local
Muting/OTS → Off
2. When adjusting the steps except step 7, use a low pass filter.

3. Abbreviation of instruments.
FM SG : FM signal generator
OSC : Oscilloscope
D.M : Digital multi meter
DIST.M. : Distortion meter
F.C : Frequency counter



Step	Adjustment item	Terminals to be connected	Instrument required	Adjustment location	Adjustment method	Rating or standard	Remarks
1.	Pointer alignment			Tuning knob pointer	Rotate the tuning knob and align pointer with the starting point of the dial scale.	± 1mm	Set T102 so that tuning meter is centered at a detuning point.
2.	Tracking adjustment II	FM antenna terminals	FM SG 104MHz	Tuning knob local oscillator trimmer	Rotate tuning knob and align pointer with 104MHz on dial scale. Rotate trimmer and set to center of tuning meter.	Less than ± 1mm	See Fig. 3
3.	Tracking adjustment I	FM antenna terminals	FM SG	Local oscillator trimmer	Adjust deviation all over the frequency range.	Less than ± 2mm (92 ~ 104 MHz)	Adjust only when pointer deviates with step 2.
4.	Discriminator balance	Connect 300Ω balanced antenna to FM antenna terminal		T-102 secondary core of discriminator coil	Move core until tuning meter pointer deflects to 0 with noise at detuned point near 98MHz.	Check that meter pointer mechanically points to 0 when power switch is set OFF. Adjust only when center meter does not point to center.	
5.	Tuning point setting	FM antenna terminals	Antenna input 60dBμ, 98MHz	Tuning knob	Adjust knob until tuning meter pointer points to center.		See Fig. 2
6.	Monoaural distortion adjustment	FM antenna terminals, L REC output terminal only	OSC, D.M, DST.M Monoaural 1kHz 100% modulation	TC101 trimmer	Reduce distortion to minimum	Less than -62dB (-66dB)	
7.	VCO adjustment	FM antenna terminals 19kHz TP terminal	Unmodulated F.C.	VCO ADJ. VR203 (10 KΩ)	Set to 19KHz	19KHz ±20Hz (± 5Hz)	
8.	Stereo distortion adjustment	Same as step 6	Stereo L 1kHz DM, DST.M. OSC	VR101 (500 Ω) VR102 (500 Ω) T101	Reduce distortion to minimum.	Less than -60dB (-66dB)	
9.	Pilot canceling adjustment carrier leakage adjustment	Same as step 6	Pilot 9% modulation OSC, DM	VR204 (100KΩ)	Observe wave forms on oscilloscope and adjust so that level is reduced to minimum.	Carrier leakage for both channels more than 60dB	
10.	Signal meter full scale adjustment	Same as step 6	Unmodulated 60dBμ	FM TUNING METER ADJ: VR103 (500Ω)	Adjust so that pointer is within rated range.	70 ~ 80 (75)	See Fig. 1
11.	Separation adjustment	Same as step 6	Stereo L, R 1kHz	SEP VR201 (20KΩ) SEP VR202 (20KΩ)		More than 50dB (55dB)	



White marked point

As to the set which has MPX IC with the mark as shown in the figure, eliminate R222 (22KΩ resistor) before adjusting.

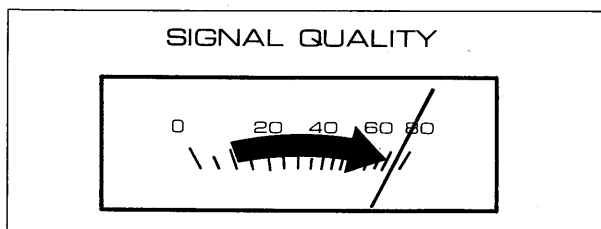


Fig. 1

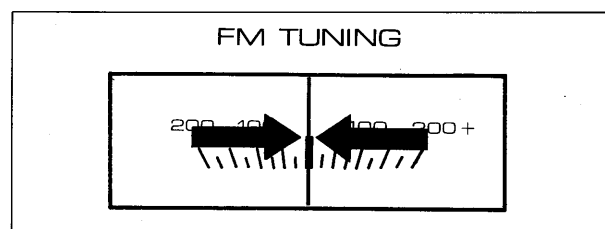


Fig. 2

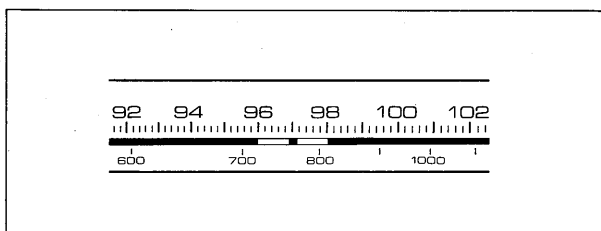
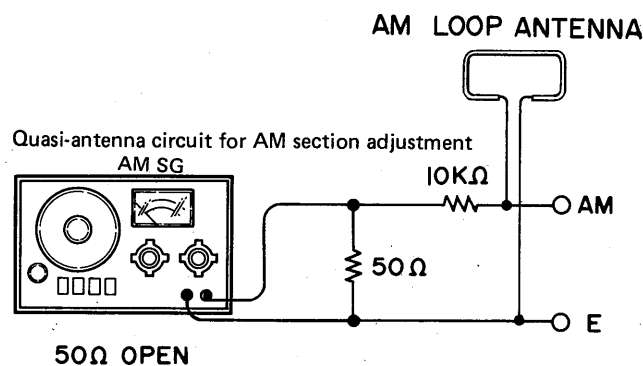


Fig. 3

2. AM tuner tracking adjustment

1. Set the switch to the following position.
Tuner → AM
2. Proceed with the AM section adjustments after having finished the FM section adjustments.
3. The quasi-antenna circuit for AM section adjustment.
4. Connect the loop antenna to the AM ANT and GND terminals.
5. Do not use: the combination bar.



Output level shows the 50Ω load terminal.

Step	Adjustment item	Terminals to be connected	Instrument required	Adjustment location	Adjustment method	Rating or standard
1.	Local oscillator coil adjustment	Output L or R	AM signal generator 600kHz, 60dBμ	Tuning knob T302 (GE 6013)	Align pointer with 600kHz using tuning knob, rotate coil core and adjust for a maximum signal quality meter deflection.	
2.	Low-frequency range sensitivity adjustment	Same as step 1	AM signal generator 600kHz, 60dBμ	T301 (GE 10023)	Adjust for a maximum signal meter pointer deflection at same tuning point as under step 1.	
3.	Local oscillator trimmer adjustment	Same as step 1	AM signal generator 1400kHz, 60dBμ	Tuning knob front end local oscillator trimmer	Align pointer with 1400kHz using tuning knob, rotate trimmer and set for a maximum signal meter pointer deflection.	
4.	High-frequency range sensitivity adjustment	Same as step 1	Same as step 3	Front end AM ANT trimmer	Adjust for a maximum signal quality meter pointer deflection at step 3 tuning point.	
5.	Sensitivity difference adjustment	Same as step 1	AM signal generator 600kHz, 1400kHz	Repeat steps 1 to 4		Scale deviation: less than ± 1.5mm for 600kHz, 1400kHz
6.	Medium frequency range check	Same as step 1	AM signal generator 950kHz	Tuning knob	Set for maximum signal quality meter pointer deflection	Scale deviation less than ± 2mm

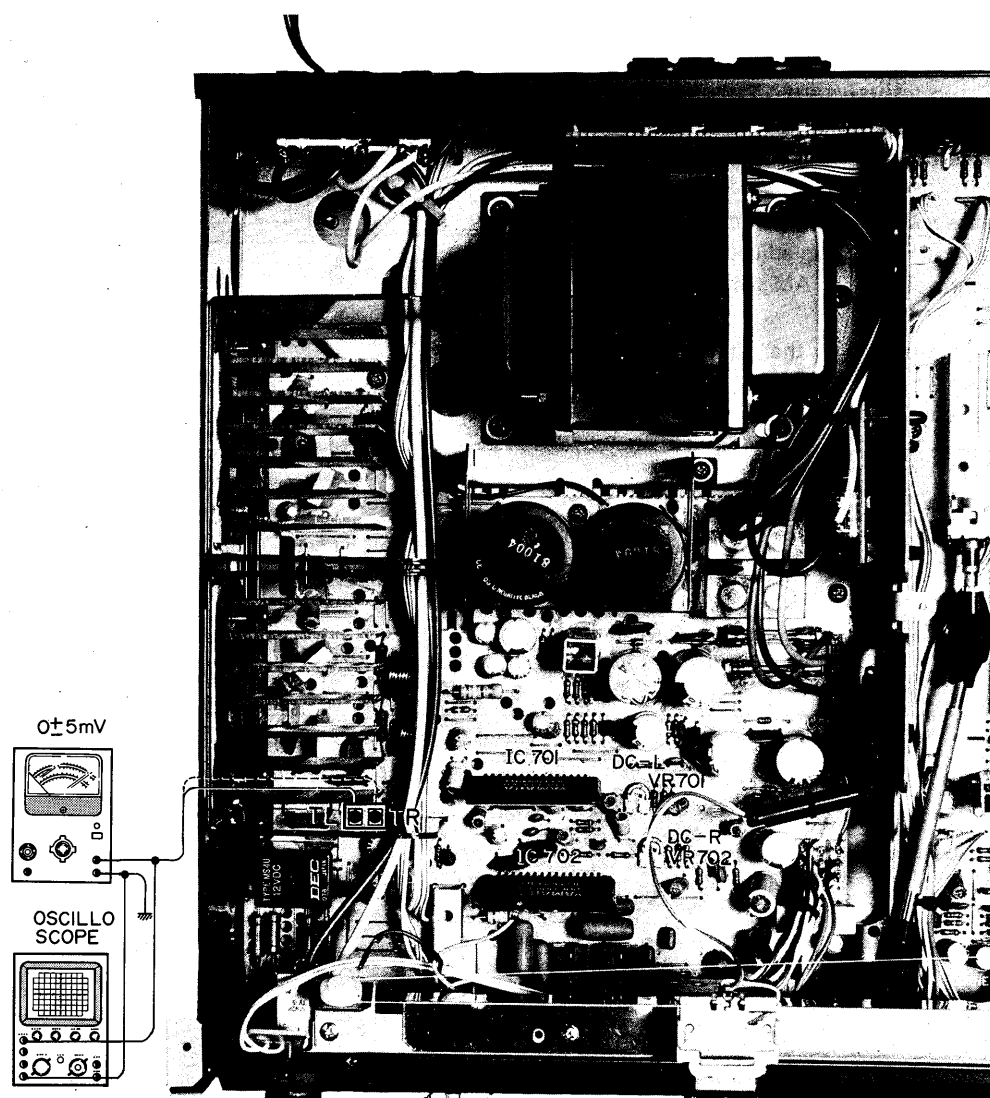
3. Audio section adjustment

Before measurement

1. After the power switch is pushed on, wait 1 minute before measuring, to be sure of the most stable operation.

2. Connect dummy load resistance (8Ω) to the speaker terminals.

Step	Adjustment item	Adjustment	Instruments	Terminals/ test points	Rating or standard
1.	voltage	VR 701 (Lch) VR 702 (Rch)	Digital multi meter oscilloscope	Main C. Board TL, E (Lch) TR, E (Rch)	$0 \pm 5 \text{ mV}$



SPECIFICATION

AUDIO SECTION

Minimum RMS Output Power per Channel	
60 Watts (4 ohms) from 20 to 20,000 Hz at no more than 0.02% Total Harmonic Distortion.	
60 Watts (8 ohms) from 20 to 20,000 Hz at no more than 0.02% Total Harmonic Distortion.	
Continuous RMS Power	75 Watts (4 Ω)
(both channels driven, 1 kHz)	65 Watts (8 Ω)
Input Sensitivity/Impedance	
Phono	2.5 mV/47 k Ω
Aux, Tape 1, 2	120 mV/40 k Ω
Maximum Input Levels	
Phono	140 mV at 1 kHz
Output Level/Impedance	
Rec Out terminals (Phono)	120 mV/220 Ω (rated)
(Aux Tape)	120 mV/5 k Ω
Frequency Response	
Phono RIAA deviation	± 0.4 dB
Aux, Tape 1, 2 to SP Out	20 Hz to 20 kHz ± 0.3 dB
Tone Control Characteristics	
Bass turnover frequency	350 Hz
Bass boost/cut	± 10 dB at 50 Hz
Presence center frequency	3 kHz
Presence boost/cut	± 6 dB
Treble turnover frequency	3.5 kHz
Treble boost/cut	± 10 dB at 20 kHz
Filters and Loudness Control Characteristics	
Low	25 Hz (12 dB/octave)
High	8 kHz (6 dB/octave)
Loudness control	Level-related equalization
Signal-to-Noise Ratio (IHF-A Network)	
Phono	94 dB (INPUT shorted)
Aux, Tape 1, 2	100 dB
Residual noise	0.17 mV
Distortion 20 Hz to 20 kHz	
Phono to Rec Out	0.02% 1V output
Aux, Tape to Sp Out (8 Ω)	0.01% at 30 W
Noise-Distortion Clearance Range (NDCR) for 0.1% into 8 Ω at 1 kHz	
From 10 mW to 60 Watts with Vol -20 dB (Phono Input to SP out)	
Power Bandwidth (IHF)	10 Hz to 40 kHz
Damping Factor (at 1 kHz)	Better than 40 into 8 Ω
FM SECTION	
Tuning Range	87.6 to 108 MHz
Usable Sensitivity	
300 Ω	9.3 dBf/1.6 μ V
75 Ω	9.3 dBf/0.8 μ V
50 dB Quieting Sensitivity	
Mono	15.3 dBf (3.2 μ V)
Stereo	37.3 dBf (40 μ V)
Image Response Ratio (98 MHz)	80 dB
IF Response Ratio (98 MHz)	100 dB
Spurious Response Ratio (98 MHz)	100 dB
AM Suppression Ratio (IHF)	60 dB
Capture Ratio	1.5 dB
Alternate Channel Selectivity	
DX 82 dB (IHF)	
LOCAL 48 dB (IHF)	
Signal-to-Noise Ratio (at 65 dBf)	
Mono	84 dB (IHF)
Stereo	80 dB (IHF)
Distortion (at 65 dBf)	
Mono 100 Hz	0.1%
1 kHz	0.08%
6 kHz	0.15%
Stereo 100 Hz	0.1%
1 kHz	0.1%
6 kHz	0.2%
Intermodulation Distortion (IHF)	
Mono	0.08%
Stereo	0.08%
Sub-Carrier Product Ratio	60 dB
Stereo Separation	
50 Hz	45 dB
1 kHz	50 dB
10 kHz	45 dB
Blend	10 dB

Frequency Response

50 Hz to 10 kHz	± 0.4 dB
30 Hz to 15 kHz	+ 0.4 -1.0 dB

Muting Threshold

Auto DX Sensitivity	36.1 dBf (35 μ V) or at 50 dB S/N
---------------------	---------------------------------------

AM SECTION

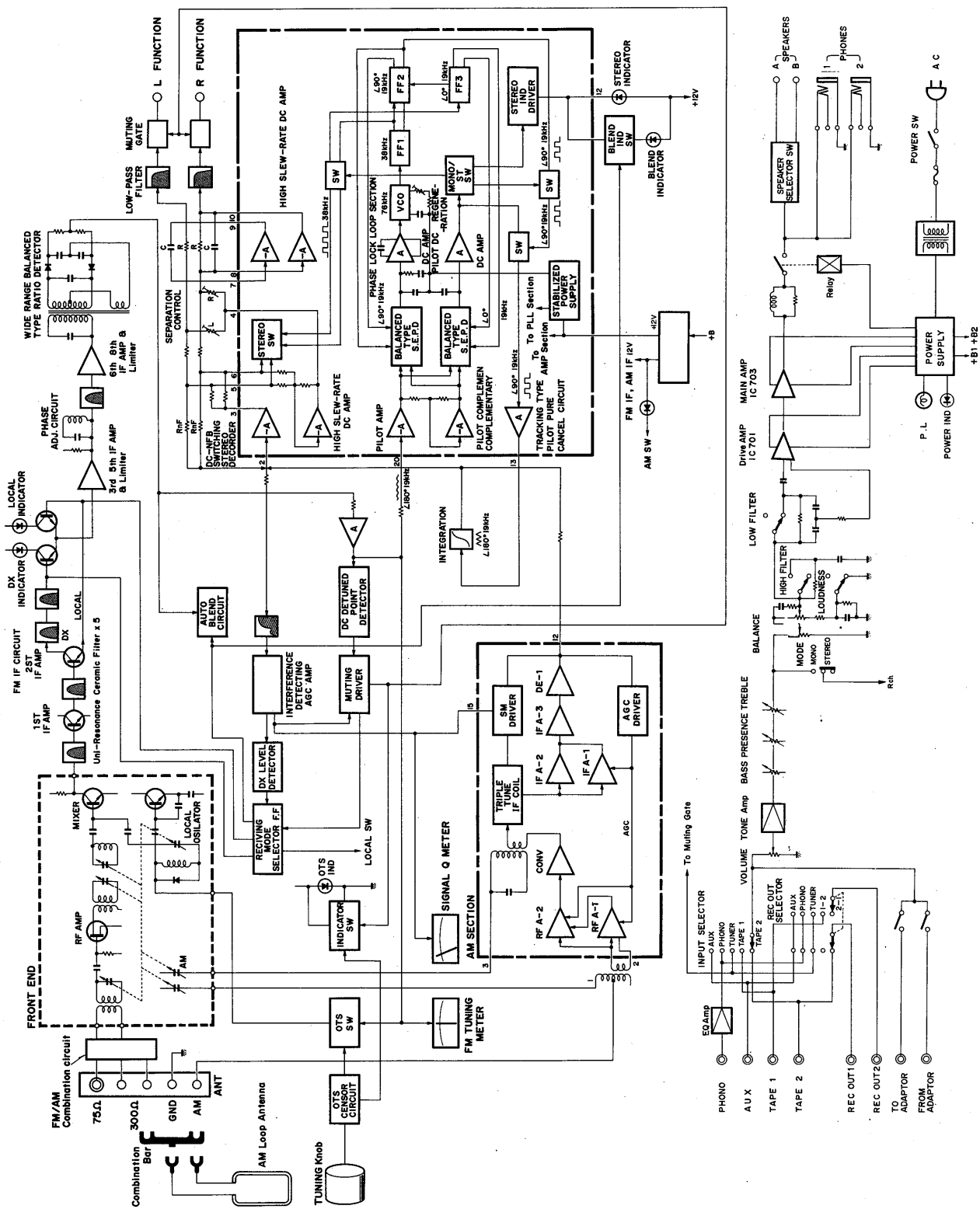
Tuning Range	525 to 1,605 kHz
Usable Sensitivity (IHF)	15 μ V
Selectivity (1,000 kHz)	30 dB
Signal-to-Noise Ratio	50 dB (at 80 dB/m)
Image Response Ratio (1,000 kHz)	40 dB
IF Response Ratio (1,000 kHz)	35 dB
Spurious Response Ratio (1,000 kHz)	60 dB
Total Harmonic Distortion	0.4%
Tuner Section Output Level/Impedance	
FM (100% mod. at Rec Out)	450 mV/3.9 k Ω
AM (30% mod. at Rec Out)	150 mV/3.9 k Ω

GENERAL

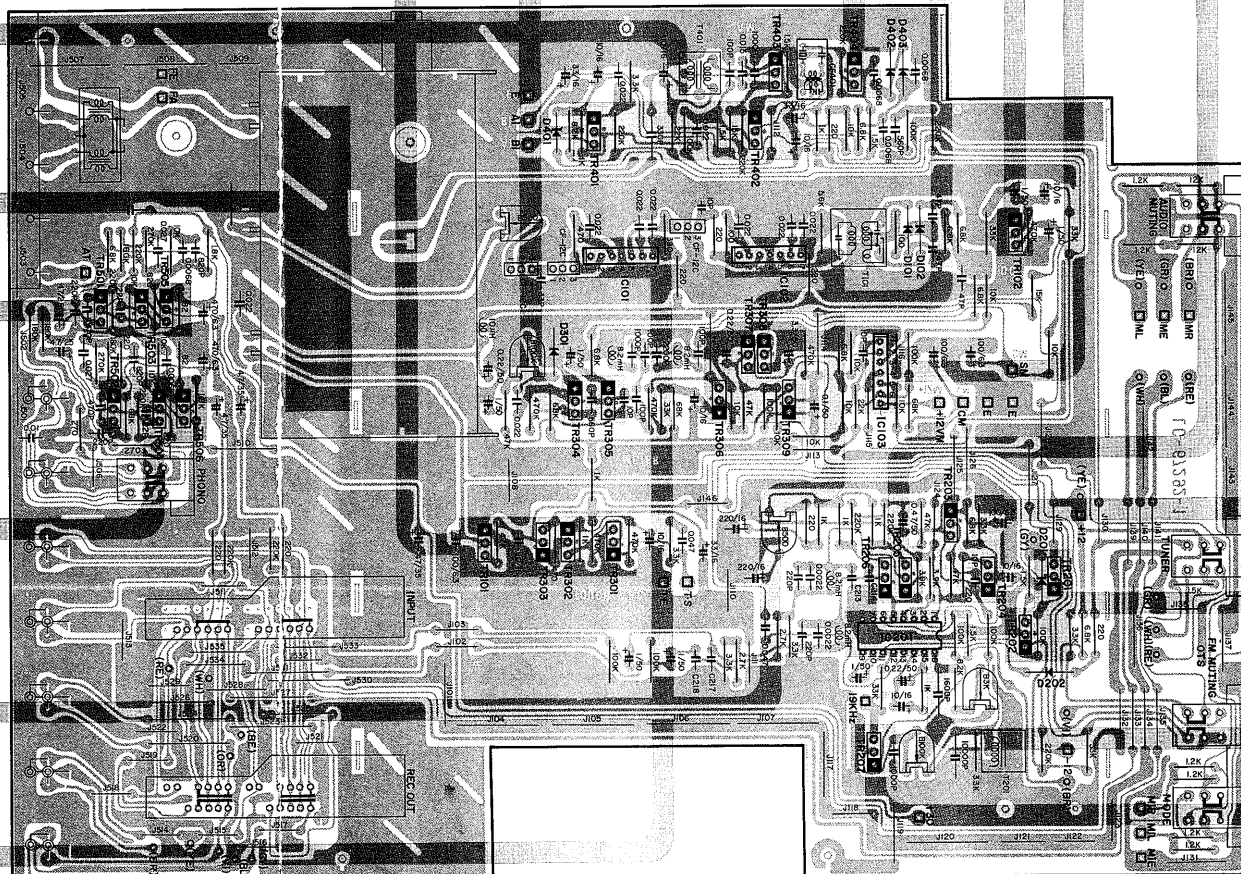
Semiconductors	47 Transistors, 9 ICs, 1 FET, 14 Diodes, 3 Zener Diodes, 7 LEDs, 5 Ceramic Filters
Power Supplies	North European model AC220V, 50 Hz British and Australian models AC240V, 50 Hz General models AC110/120/220/240V, 50/60 Hz U.S.A. & Canadian models AC120V, 60 Hz
Power Consumption	North European, British and Australian models 540W General model, 340W U.S.A. model 340W (Canadian 510 VA)
Dimensions (W x H x D)	North European, British, Australian and General models, 490 x 151 x 386 mm (19-1/4" x 6" x 15-1/4") U.S.A. & Canadian models 510 x 167 x 386 mm (20" x 6-9/16" x 15-1/4")
Weight	North European, British, Australian and General models, 12.9 kg (28 lb) U.S.A. & Canadian models, 13.6 kg (30 lb 7 oz)

(Specifications and design are subject to change without notice since policy of this company is one of continuous improvement.)

BLOCK DIAGRAM



CIRCUIT BOARDS

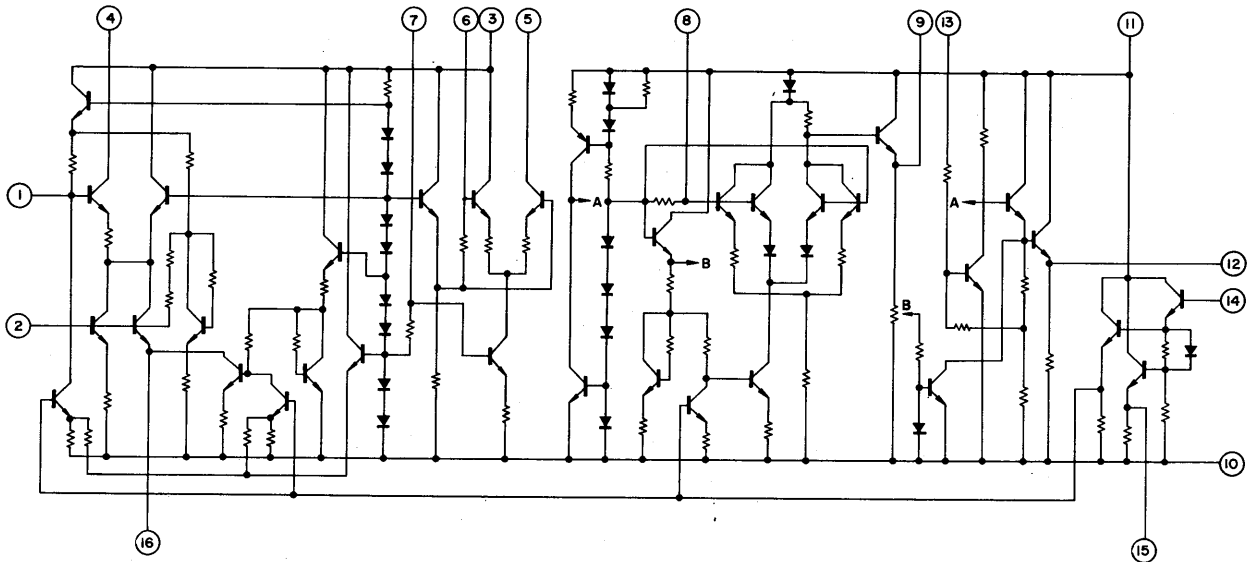
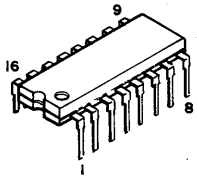
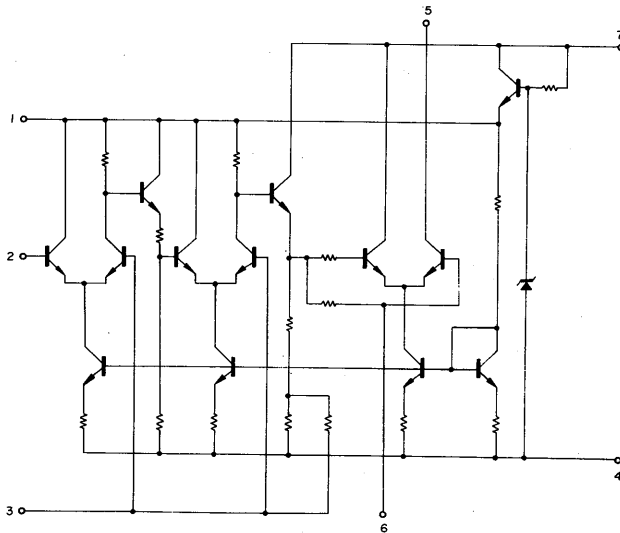
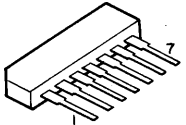


CIRCUIT BOARDS

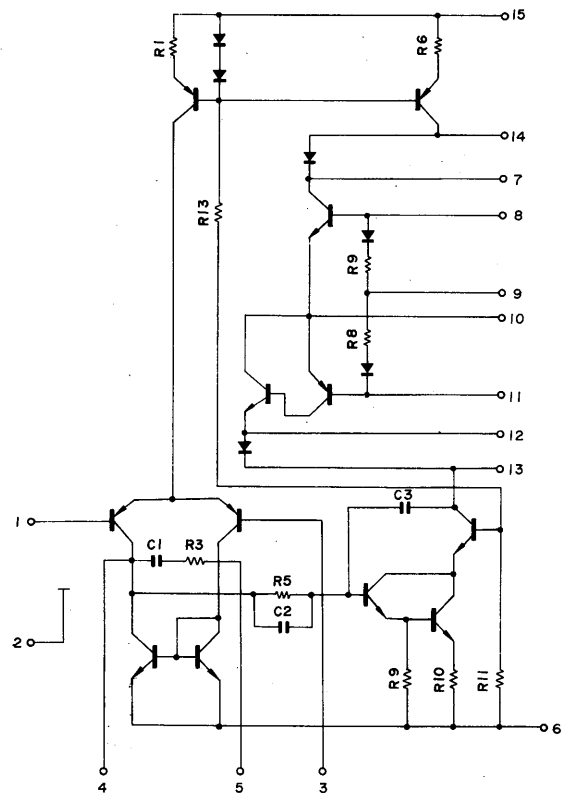
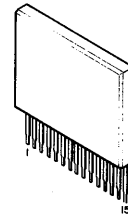
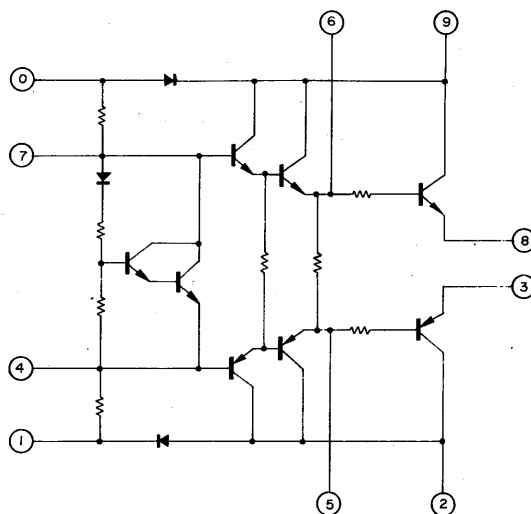
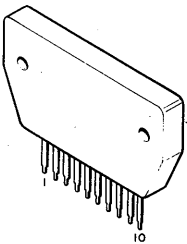


INTEGRATED CIRCUITS

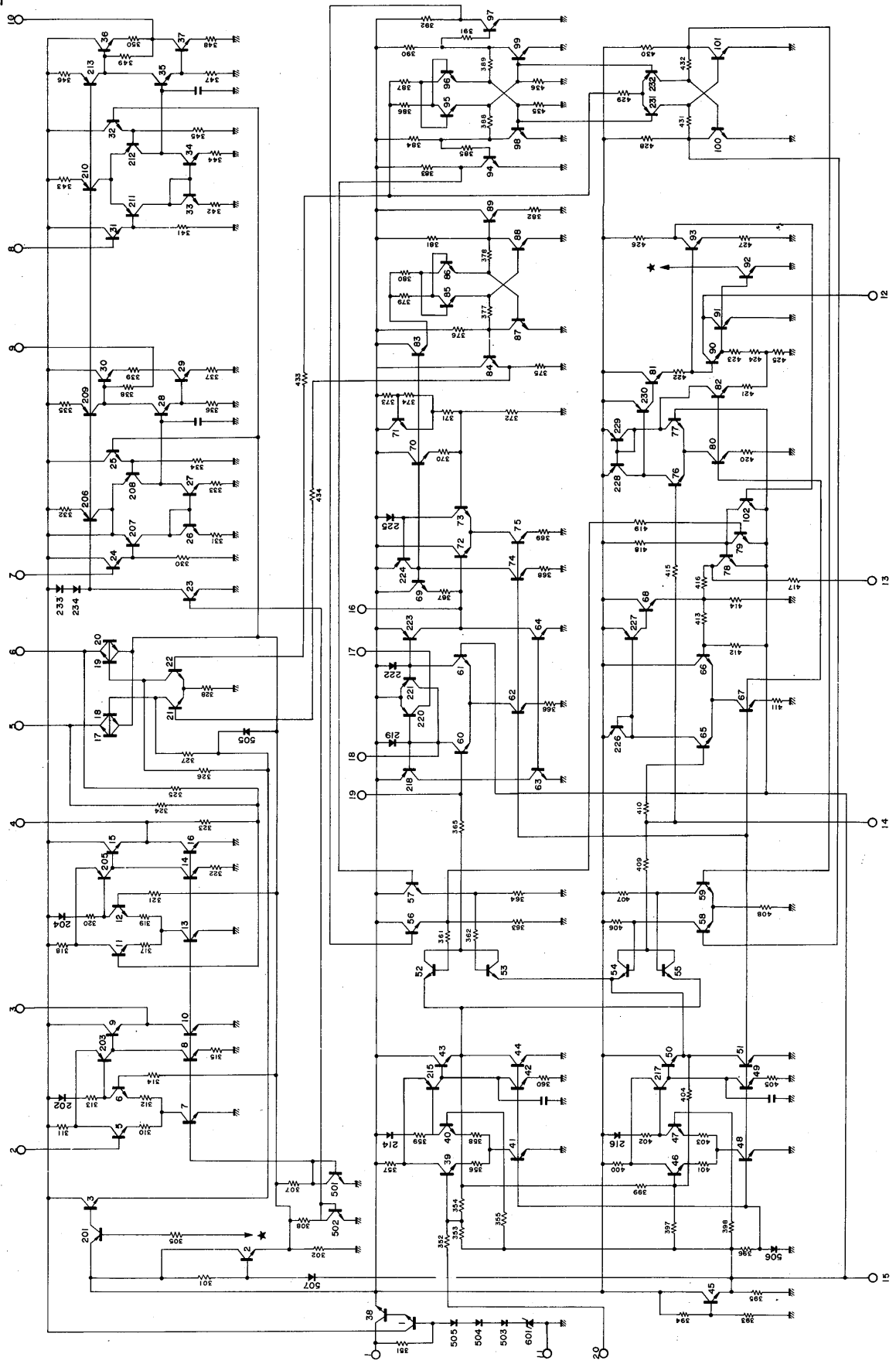
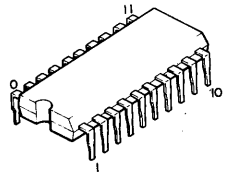
IC301 LA1240

IC101, IC102
UPC577H

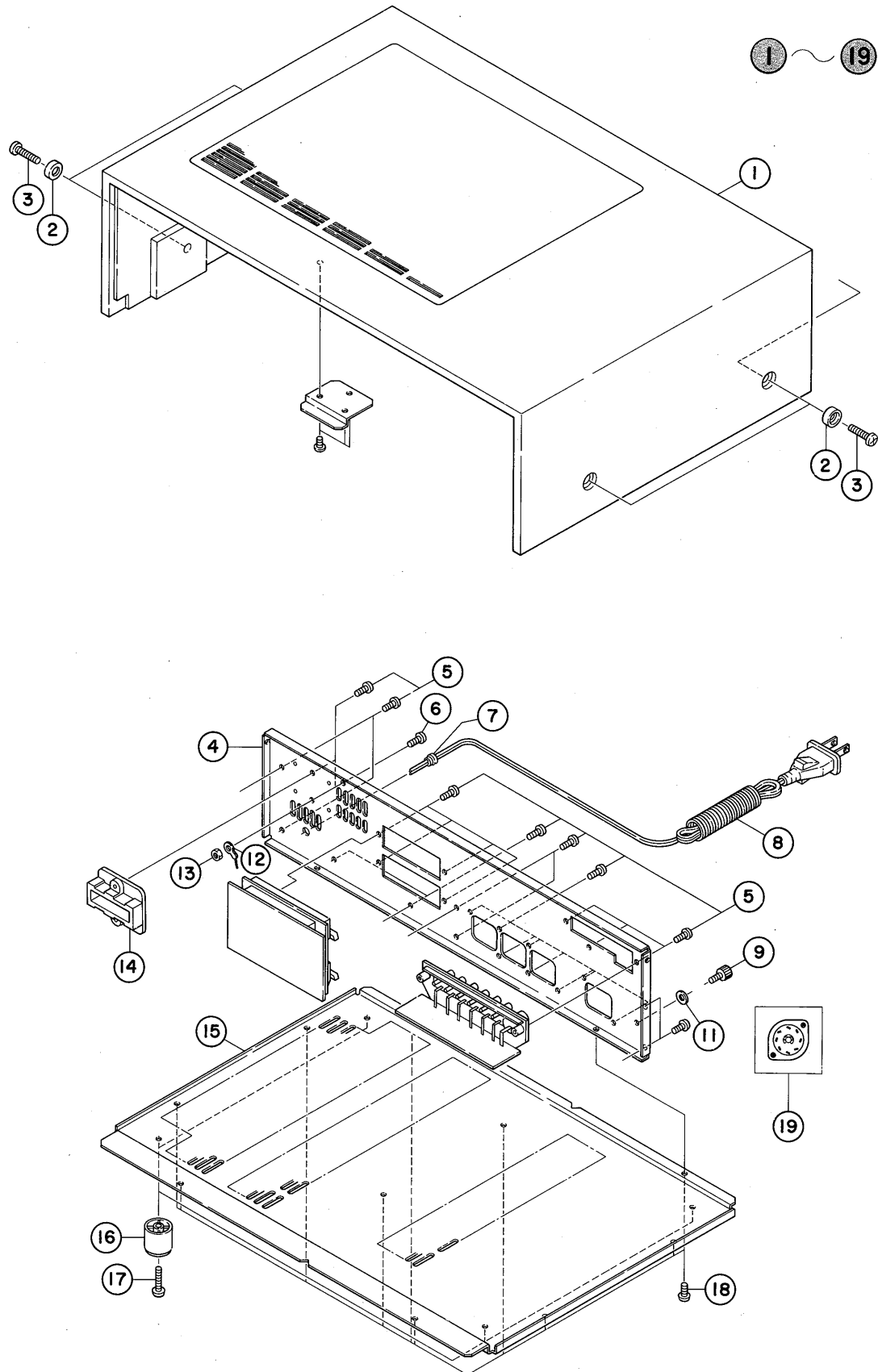
IC701, IC702 IG02940

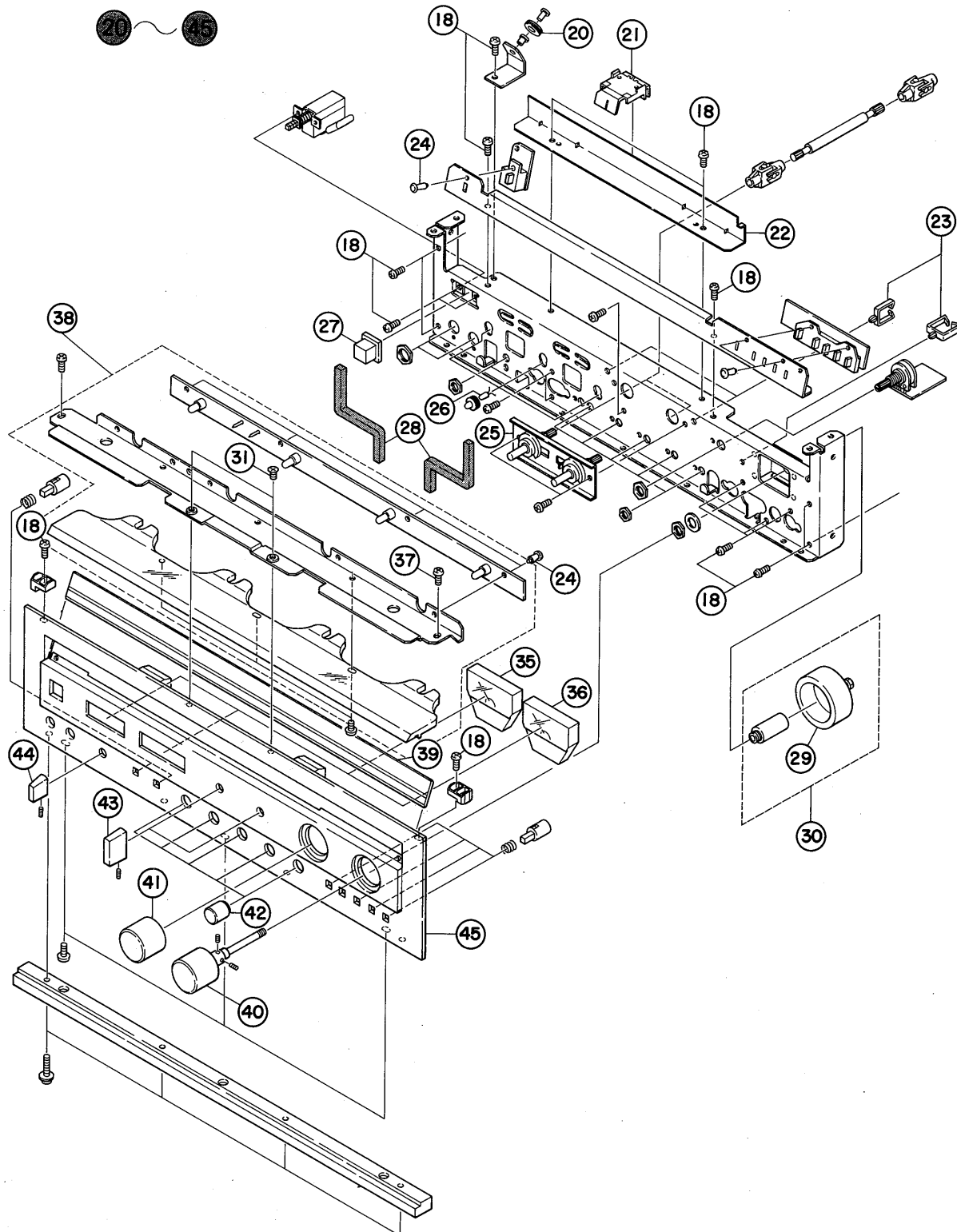
IC703, IC704
IG02970

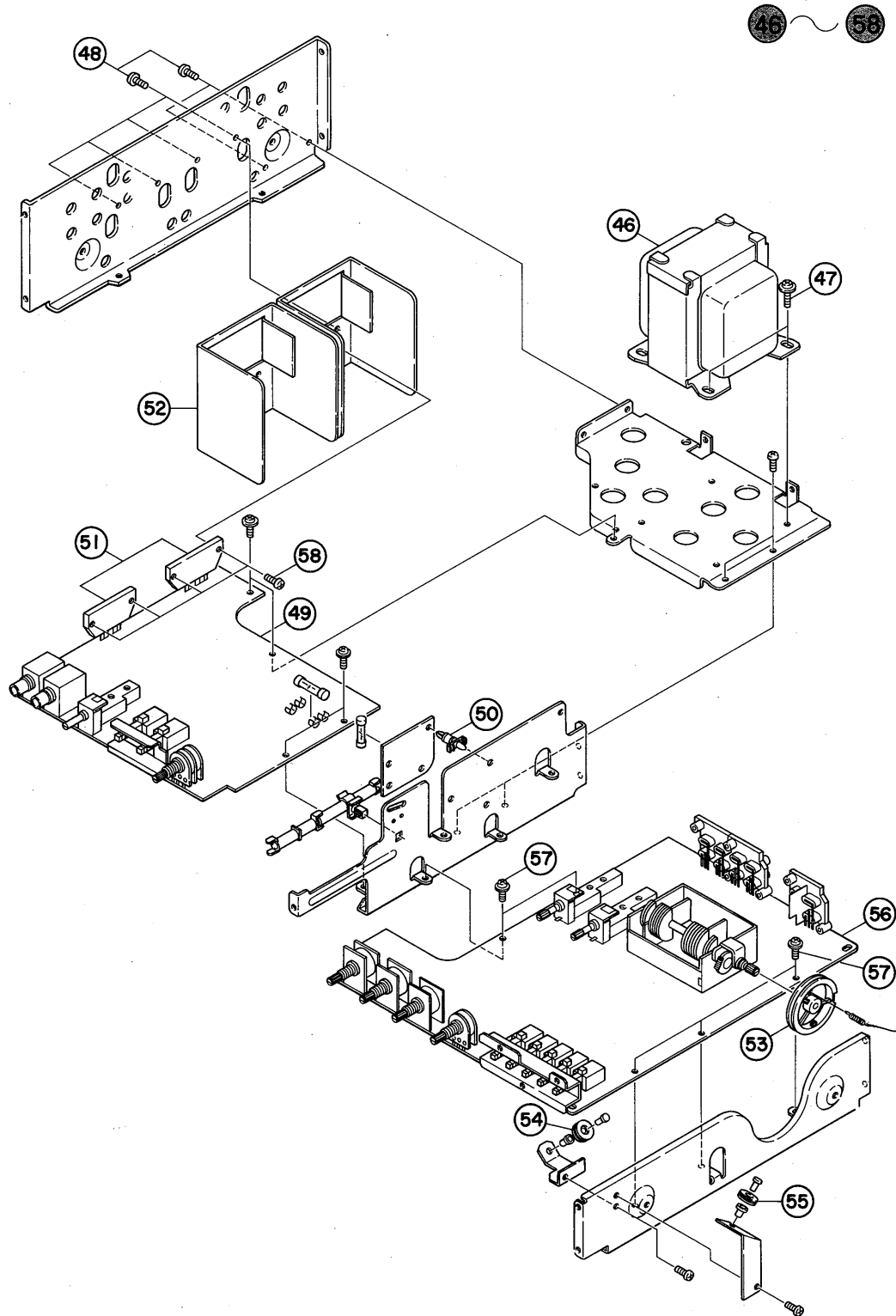
IC201 IG02920, IG02921



PARTS LIST







DESTINATION ABBREVIATIONS

R : General A : Australian C : Canadian
 U : US B : British G : North European

※ New Parts

Ref No.	Part No.	Description	部 品 名	Markets	Remarks
1	DC 62 12 10	Cabinet	外装組立	U,C	
1	DC 62 13 10	— do. —	"	R,A,G,B	
2	CB 07 95 20	Cap	ホールキャップ #7952		
3		Bind Head Screw 5 x 25	鉄バインド小ネジ	U,C	
※ 4	AA 09 59 40	Rear Panel	リヤパネル #9594	R	
※ 4	AA 09 59 50	— do. —	" #9595	U,C	
※ 4	AA 09 59 60	— do. —	" #9596	A	
※ 4	AA 09 59 80	— do. —	" #9598	G	
※ 4	AA 09 59 90	— do. —	" #9599	B	
5		Bind Tapping Screw 3 x 8 FCM3-BI	鉄バインドボンディングタッピングネジ2種	U,C	
6		Bind Head Tapping Screw 3 x 8 FCM3-BI	鉄バインドタッピングネジ3種	U,C	
7	CB 06 86 30	Cord Stopper SR3P 4	コードストッパー	U,C	
7	CB 07 27 50	— do. — SR4N-4	"	R,A,G,B	
8	MG 00 07 80	AC Cord 6A 250V	電源コード	R	
8	MG 00 08 40	— do. — SPT-1, POT-64 10A 125V	"	U,C	
※ 8	MG 00 09 20	— do. — 7.5A 250V	"	A	
8	MG 00 08 60	— do. — 2.5A 250V	"	G	
8	MZ 07 28 90	BS AC Cord Ass'y	B S用電源コードAss'y	B	
※ 9		+ 3 x 13.5, MFNIII	アース端子ネジ		
11		Sems Type Plain Washer $\phi 3.6 \times \phi 10 \times t0.8$	鉄セムス平座金		
12	LA 00 02 80	Lug Terminal 3 m/m FNM3-3g	アースラグ	U,C	
13		Hexagonal Nut M3	鉄六角ナット	U,C	
14	LB 60 29 80	AC Socket M7017	A Cアウトレット 3 連	R,U,C	
15	AA 09 57 40	Bottom Cover	ボトムカバー #9574		
16	CB 07 25 10	Leg	トランレッグ(A) #7251	U,C	
16	CB 07 94 90	Leg TL-017	脚 #7949	R,A,G,B	
17		Bind Head Tapping Screw 4 x 20 ZMC2-y	鉄バインドタッピングネジ2種	U,C	
18		— do. — 3 x 8 ZMC2-y	"	R,U,A,G,C,B	
19	LB 20 14 80	Voltage Selector	電圧切換器		
※ 20	AA 09 59 00	Wheel Holder (L)	滑車ホルダー(L) (2)#9590		
21	NB 09 05 50	Dial Pointer Unit	ダイヤル指針ユニット		
※ 22	AA 09 58 70	Dial Pointer Rail	指針レール #958787		
23	CB 06 94 70	Wire Clip	ワイヤークリップ #6947		
※ 24	CB 06 88 80	Plastic Rivet $\phi 3.5$	プラスチックリベット #6888	R,U,A,G,C,B	
※ 25	AA 09 59 30	Shaft Unit	シャフトユニット #9593		
26	JB 00 07 70	Pilot Lamp 14.5V 80mA	パイロットランプ錫コートリード式		
※ 27	NB 09 04 60	Button: Power Switch Ass'y	パワーボタンAss'y		
※ 28	CB 09 00 90	Tape 6 x 125 x t10	シャコウテープ #9009		
※ 29	NB 09 01 60	Tuning Unit $\phi 48$	チューニングユニット #9016		
※ 30	CB 09 00 40	Wheel Ass'y	滑車Ass'y #9004		
31		Flat Head Screw 3 x 5 ZMC2-y	鉄サラ小ネジ		
※ 35	Ji 00 09 70	Signal Meter	シグナルメーター		
※ 36	Ji 00 09 80	Tuning Meter	チューニングメーター		
37		Bind Head Tapping Screw 3 x 6 ZCM2-y	鉄バインドタッピングネジ2種		
38	NB 09 05 61	Lamp Lens Unit	ランプレンズユニット		
※ 39	CB 08 98 30	Dial Scale	ダイヤルスケール #8983		
※ 40	BA 07 53 50	Knob : Tuning	チューニングつまみ #7535		
※ 41	BA 07 53 60	Knob : Volume Control	ボリュームつまみ #7536		
※ 42	BA 07 52 70	Knob : Tone Control	トーンつまみ #7527		
43	BA 06 80 60	Knob : Switch	スイッチつまみ #6806		
44	BA 07 53 70	— do. —	" (小) #7537		
※ 45	NB 09 06 70	Panel Unit	パネルユニット		

TUNER CIRCUIT BOARD

※ New Parts

Ref No.	Part No.	Description	部 品 名	Markets	Remarks
C101	FG 50 01 00	Ceramic Capacitor 1P 50V SL(F)	セラコン		
C102 C103	Fi 17 41 00	— do. — 0.01	セラコン円筒型		
C104	FG 50 01 00	— do. — 1P 50V SL(F)	セラコン		
C105	Fi 17 41 00	— do. — 0.01	セラコン円筒型		
C107	Fi 17 41 00	Ceramic Capacitor 0.01	セラコン円筒型		
C108	Fi 17 21 00	— do. — 100P	〃		
C109	Fi 17 41 00	— do. — 0.01	〃		
C110	FJ 13 71 00	Electrolytic Capacitor Vert. 10/16	ケミコンタテ型		
C111	Fi 17 41 00	Ceramic Capacitor 0.01	セラコン円筒型		
C115	Fi 17 41 00	— do. — 0.01	〃		
C116	Fi 17 32 20	— do. — 0.0022	〃		
C117	Fi 17 21 00	— do. — 100P	〃		
C118	Fi 17 31 00	— do. — 0.001	〃		
C119	Fi 17 21 00	— do. — 100P	〃		
C120~ C122	Fi 17 41 00	— do. — 0.01	〃		
C123	FS 25 25 60	SA Capacitor 560P 50V (J)	SA コン、フォーミング		
C124 C125	Fi 17 14 70	Ceramic Capacitor 47P	セラコン円筒型		
C126	FJ 13 73 30	Electrolytic Capacitor 33/16	ケミコンタテ型		
C127	Fi 17 14 70	Ceramic Capacitor 47P	セラコン円筒型		
C129	FM 22 62 20	Bipolar Capacitor 2.2/25	バイポーラコン		
C130	FZ 00 08 80	MS Capacitor Vert. 0.1/50	MS コンタテ型		
C132	FJ 13 71 00	Electrolytic Capacitor Vert. 10/16	ケミコンタテ型		
C133~ C135	FJ 16 61 00	— do. — 1/50	〃		
C137	FJ 16 54 70	Electrolytic Capacitor Vert. 0.47/50	ケミコグタテ型		
C138	FJ 16 61 00	— do. — 1/50	〃		
C139	Fi 17 41 00	Ceramic Capacitor 0.01	セラコン円筒型		
C140	FG 50 02 00	— do. — 2P 50V SL(F)	セラコン		
C201	FJ 11 81 00	Electrolytic Capacitor Vert. 100/6.3	ケミコンタテ型		
C203	FJ 13 81 00	Electrolytic Capacitor Vert. 100/16	ケミコンタテ型		
C205	FG 51 33 30	Ceramic Capacitor 0.0033 50V B(K)	セラコン		
C206	FS 11 41 00	SBL Capacitor 0.01 50V (K)	SBL コン		
C207	FS 23 44 70	— do. — 0.047 25V (K)	SBL コンフォーミング		
C208	FJ 13 71 00	Electrolytic Capacitor Vert. 10/16	ケミコンタテ型		
C209	FG 51 34 70	Ceramic Capacitor 0.0047 50V B(K)	セラコン		
C210	FS 25 26 80	SA Capacitor 680P 50V (J)	SA コンフォーミング		
C211	FJ 11 81 00	Electrolytic Capacitor Vert. 100/6.3	ケミコンタテ型		
C212	FJ 16 61 00	— do. — 1/50	〃		
C213	FS 11 41 00	SBL Capacitor 0.01 50V (K)	SBL コン		
C214	FG 51 31 00	Ceramic Capacitor 0.001 50V YW(K)	セラコン		
C215 C216	FS 25 23 90	SA Capacitor 390P 50V (J)	SA コンフォーミング	A,G,B	
C215 C216	FS 25 25 60	— do. — 560P 50V (J)	〃	R,U,C	
C217 C218	FG 51 13 30	Ceramic Capacitor 33P 50V SL(K)	セラコン		
C219	FJ 11 81 00	Electrolytic Capacitor Vert. 100/6.3	ケミコンタテ型		
C229 C230	FG 51 34 70	Ceramic Capacitor 0.0047 50V B(K)	セラコン		
C231 C232	FJ 14 63 30	Electrolytic Capacitor Vert. 3.3/25	ケミコンタテ型		
C234	FJ 13 71 00	Electrolytic Capacitor Vert. 10/16	ケミコンタテ型		
C235	Fi 17 41 00	Ceramic Capacitor 0.01	セラコン円筒型		
C236	FG 51 21 00	— do. — 100P 50V SL(F)	セラコン		
C237	FJ 13 73 30	Electrolytic Capacitor Vert. 33/16	ケミコンタテ型		
C238	FS 11 41 00	SBL Capacitor 0.01 50V (K)	SBL コン		
C239	FJ 14 64 70	Electrolytic Capacitor Vert. 4.7/25	ケミコンタテ型		
C240	FS 23 44 70	SBL Capacitor 0.047 25V (K)	SBL コンフォーミング		
C241 C242	FG 51 13 30	Ceramic Capacitor 33P 50V SL(K)	セラコン	R,U,C	

※ New Parts

Ref No.	Part No.	Description	部 品 名	Markets	Remarks
C301	Fi 17 31 00	Ceramic Capacitor 0.001	セラコン円筒型		
C302	Fi 17 21 00	— do. — 100P	〃		
C303	FG 51 11 00	— do. — 10P 50V SL(K)	セラコン		
C304	FJ 11 84 70	Electrolytic Capacitor Vert. 470/6.3	ケミコンタテ型		
C305	FS 25 23 30	SA Capacitor 330P 50V (J)	S A コンフォーミング		
C306	Fi 17 31 00	Ceramic Capacitor 0.001	セラコン円筒型		
C307 C308	Fi 17 41 00	— do. — 0.01	〃		
C309	FJ 14 64 70	Electrolytic Capacitor Vert. 4.7/25	ケミコンタテ型		
C310	FJ 14 63 30	— do. — 3.3/25	〃		
C311	Fi 17 32 20	Ceramic Capacitor 0.0022	セラコン円筒型		
C312	Fi 17 41 00	— do. — 0.01	〃		
C313	FG 51 34 70	— do. — 0.0047 50V B(K)	セラコン		
C314 ~ C316	Fi 17 41 00	— do. — 0.01	セラコン円筒型		
C317	FS 11 41 00	SBL Capacitor 0.01 50V (K)	S B L コン		
C318	FS 23 44 70	SBL Capacitor 0.047 25V (K)	S B L コンフォーミング		
C319	FJ 13 71 00	Electrolytic Capacitor Vert. 10/16	ケミコンタテ型		
C320	FJ 13 73 30	— do. — 33/16	〃		
C321	FJ 13 74 70	— do. — 47/16	〃		
C401	FG 54 51 00	Ceramic Capacitor 0.1 50V YM(Z)	セラコン		
C403 C404	FZ 00 04 90	MS Capacitor Vert. 4.7/35	M S コンタテ型		
C405 C406	FG 51 22 20	Ceramic Capacitor 220P 50V SL(K)	セラコン		
C407 C408	FG 51 24 70	— do. — 470P 50V SL(K)	〃		
C409 C410	FG 51 12 70	— do. — 27P 50V SL(K)	〃		
C411 C412	FJ 11 84 70	Electrolytic Capacitor Vert. 470/6.3	ケミコンタテ型		
C413 C414	FZ 00 09 00	MS Capacitor Vert. 2.2/50	M S コンタテ型		
C415 C416	FA 45 43 90	Mylar Capacitor 0.039 50V (J)	マイラーコン		
C417 C418	FG 51 31 00	Ceramic Capacitor 0.001 50V YW(K)	セラコン		
C419 C420	FA 45 41 00	Mylar Capacitor 0.01 50V(J)	マイラーコン		
C421 C422	FJ 16 74 70	Electrolytic Capacitor Vert. 47/50	ケミコンタテ型		
C501 C502	FZ 00 09 00	MS Capacitor Vert. 2.2/50	M S コンタテ型		
C503 C504	FG 51 16 80	Ceramic Capacitor 68P 50V SL(K)	セラコン		
C505 C506	FG 51 21 00	— do. — 100P 50V SL(K)	〃		
C507 C508	FG 51 06 00	— do. — 6P 50V SL(K)	〃		
C509 C510	FJ 11 81 00	Electrolytic Capacitor Vert. 100/6.3	ケミコンタテ型		
C511 C512	FZ 00 05 30	MS Capacitor Vert. 10/25	M S コンタテ型		
C513 C514	FZ 00 08 70	— do. — 47/16	〃		
C515 C516	FA 45 51 00	Mylar Capacitor 0.1 50V (J)	マイラーコン		
C517 C518	FA 45 43 90	— do. — 0.01 50V (J)	〃		
C519 C520	FJ 16 73 30	Electrolytic Capacitor Vert. 33/50	ケミコンタテ型		
C521 C522	FA 45 45 60	Mylar Capacitor 0.056	マイラーコン		
C817	FJ 16 61 00	Electrolytic Capacitor Vert. 1/50	ケミコンタテ型		
C819	FJ 13 74 70	— do. — 47/16	〃		
C820	FJ 13 71 00	— do. — 10/16	〃		
TC101	FY 00 00 90	Trimmer Capacitor 4P CTY112A	トリマーコン		
T101	GE 10 02 60	FM IF Coil GE10026	F M I F コイル		
T102	GE 10 02 80	FM Discriminator Coil GE10028	F M ディスクリコイル		
T201 T202	GE 20 02 10	MPX Low-Pass Filter	M P X ローパスフィルタ		
T301	GE 10 02 30	AM ANT Coil GE10023	A M A N T コイル		
T302	GE 10 01 50	AM OSC Coil GE6013	A M O S C コイル		
T303	GE 10 02 70	AM IF Coil GE10027	A M I F コイル		
L101 L102	GE 30 01 50	Inductor 8.2mH	固定インダクター		
L103	GE 20 01 70	MPX Coil 22mH	M P X 固定コイル		
L104	GE 30 02 40	Inductor 10μH	円筒型インダクター		

※ New Parts

Ref No.	Part No.	Description	部 品 名	Markets	Remarks
L301 L302	GE 30 02 40	Inductor 10 μ H	"		
※ L303	GE 30 02 90	— do. — LALD42R2M 2.2 μ H	"		
L501 L502	GE 20 01 80	MPX Coil 47mH	MPX 固定コイル		
CR101 ~	GG 00 03 90	Ceramic Filter 207S12	セラミックフィルター		
R101 R102	HK 35 52 20	Carbon Resistor RD25 SM-8 220	カーボン抵抗		
R103	HK 35 81 00	— do. — 100K	"		
R104	HK 35 52 20	— do. — 220	"		
R105	HK 35 53 30	— do. — 330	"		
R106	HK 35 64 70	— do. — 4.7K	"		
R107 ~ R109	HK 35 54 70	— do. — 470	"		
R110	HK 35 52 20	— do. — 220	"		
R111	HK 35 42 20	— do. — 22	"		
R112	HK 35 54 70	— do. — 470	"		
R113	HK 35 52 20	— do. — 220	"		
R114	HK 35 53 30	— do. — 330	"		
R115	HK 35 61 00	— do. — 1K	"		
R116 R117	HK 35 71 00	— do. — 10K	"		
R118	HK 35 54 70	— do. — 470	"		
R119	HK 35 52 20	— do. — 220	"		
R120	HK 35 42 20	— do. — 22	"		
R121	HK 35 53 30	— do. — 330	"		
R122	HK 35 52 20	— do. — 220	"		
R123	HK 35 74 70	— do. — 47K	"		
R124	HK 35 54 70	— do. — 470	"		
R125	HK 35 52 20	— do. — 220	"		
R126	HK 35 66 80	— do. — 6.8K	"		
R127	HK 35 74 70	— do. — 47K	"		
R128	HK 35 52 20	— do. — 220	"		
R129 R130	HK 35 66 80	— do. — 6.8K	"		
R131	HK 35 74 70	— do. — 47K	"		
R132	HK 35 72 20	— do. — 22K	"		
R133	HK 35 74 70	— do. — 47K	"		
R134	HK 35 81 00	— do. — 100K	"		
R135	HK 35 91 00	— do. — 1M	"		
R136	HK 35 84 70	— do. — 470K	"		
R137	HK 35 73 30	Carbon Resistor RD25 SM-8 33K	カーボン抵抗		
R138	HK 35 66 80	— do. — 6.8K	"		
R139	HK 35 65 60	— do. — 5.6K	"		
R140	HK 35 75 60	— do. — 56K	"		
R141	HK 35 63 30	— do. — 3.3K	"		
R142 ~ R144	HK 35 72 20	— do. — 22K	"		
R145	HK 35 82 20	— do. — 220K	"		
R146	HK 35 74 70	— do. — 47K	"		
R147	HK 35 81 00	— do. — 100K	"		
R148	HK 35 74 70	— do. — 47K	"		
R149	HK 35 52 20	— do. — 220	"		
R150	HK 35 82 20	— do. — 220K	"		
R151	HK 35 61 50	— do. — 1.5K	"		
R201	HK 35 72 20	— do. — 22K	"		
R202	HK 35 71 00	— do. — 10K	"		
R203	HK 35 61 20	— do. — 1.2K	"		
R204	HK 35 82 20	— do. — 220K	"		
R205	HK 35 72 20	— do. — 22K	"	R,U,C,A,B	
R205	HK 35 71 20	— do. — 12K	"	G	
R206	HK 35 72 20	— do. — 22K	"		

※ New Parts

Ref No.	Part No.	Description	部 品 名	Markets	Remarks
R207 R208	HK 35 71 00	Carbon Resistor RD25 SM-8 10K	〃		
R209 R210	HK 35 74 70	— do. — 47K	〃		
R211 R212	HK 35 81 20	— do. — 120K	〃		
R213	HK 35 61 00	— do. — 1K	〃		
R214	HK 35 73 30	— do. — 33K	〃		
R215	HK 35 76 80	— do. — 68K	〃		
R216	HU 57 71 50	15K			
R217 R218	HK 35 73 90	Carbon Resistor RD25 SM-8 39K	カーボン抵抗		
R219 R220	HK 35 71 00	— do. — 10K	〃		
R221	HK 35 74 70	— do. — 47K	〃		
R222	HK 35 72 20	— do. — 22K	〃		
R223	HK 35 61 00	— do. — 1K	〃		
R224	HK 35 61 20	— do. — 1.2K	〃		
R225	HK 35 71 20	— do. — 12K	〃		
R226	HK 35 51 00	— do. — 100	〃		
R228	HK 35 73 30	— do. — 33K	〃		
R229 R230	HK 35 42 20	— do. — 22	〃		
R231 R234	HK 35 63 30	— do. — 3.3K	〃		
R235 R236	HK 35 62 20	— do. — 2.2K	〃		
R237 R238	HK 35 72 20	— do. — 22K	〃		
R239	HK 35 61 00	— do. — 1K	〃		
R240 R241	HK 35 61 20	— do. — 1.2K	〃		
R243 R244	HK 35 72 20	— do. — 22K	〃		
R245	HK 35 84 70	— do. — 470K	〃		
R247	HK 35 74 70	— do. — 47K	〃		
R248	HK 35 72 20	— do. — 22K	〃		
R249 ~ R251	HK 35 74 70	— do. — 47K	〃		
R252	HK 35 91 00	— do. — 1M	〃		
R253 R254	HK 35 81 00	— do. — 100K	〃		
R255 R256	HK 35 71 00	— do. — 10K	〃		
R257	HK 35 63 30	— do. — 3.3K	〃		
R258	HK 35 71 00	— do. — 10K	カーボン抵抗		
R259 R260	HK 35 52 20	— do. — 220	〃		
R261	HK 35 74 70	— do. — 47K	〃		
R262	HK 35 61 00	— do. — 1K	〃		
R263	HK 35 72 20	— do. — 22K	〃		
R302	HG 30 64 70	Carbon Resistor RD50S (J) 4.7K	カーボン抵抗		
R303	HK 35 71 00	Carbon Resistor RD25 SM-8 10K	〃		
R304	HK 35 63 30	— do. — 3.3K	〃		
R305	HK 35 71 00	— do. — 10K	〃		
R306	HK 35 61 00	— do. — 1K	〃		
R307	HK 35 91 00	— do. — 1M	〃		
R308	HK 35 51 00	— do. — 100	〃		
R309 R310	HK 35 52 20	— do. — 220	〃		
R311	HK 35 51 00	— do. — 100	〃		
R401 R402	HK 35 81 80	— do. — 180K	〃		
R403 R404	HK 35 52 20	— do. — 220	〃		
R405 R406	HK 35 82 70	— do. — 270K	〃		
R407 R408	HK 35 51 80	— do. — 180	〃		
R409 R410	HK 35 76 80	— do. — 68K	〃		
R411 R412	HK 35 61 50	— do. — 1.5K	〃		
R413 R414	HK 35 62 20	— do. — 2.2K	〃		
R415 R416	HK 35 48 20	— do. — 82	〃		

※ New Parts

Ref No.	Part No.	Description	部 品 名	Markets	Remarks
R417 R418	HK 35 71 00	Carbon Resistor RD25 SM-8 10K	"		
R419 R420	HK 35 52 20	— do. — 220	"		
R421 R422	HK 35 83 90	— do. — 390K	"		
R423 R424	HK 35 81 00	— do. — 100K	"		
R425 R426	HK 35 66 80	— do. — 6.8K	"		
R427 R428	HK 35 46 80	— do. — 68	"		
※ R429 R430	HM 03 61 20	Cement Molded Resistor Mφ-4P 3W 1.2KΩ	セメント抵抗		
R431 ~ R436	HK 35 91 00	Carbon Resistor RD25 SM-8 1M	カーボン抵抗		
R437 R438	HK 35 88 20	— do. — 820K	"	G	
R439 R440	HK 35 82 20	— do. — 220K	"	G	
R441 R442	HK 35 76 80	— do. — 68K	"	G	
R443 R444	HK 35 88 20	— do. — 820K	"	G	
R445 R446	HK 35 82 20	— do. — 220K	"	G	
R447 R448	HK 35 76 80	— do. — 68K	"	G	
R501 R502	HK 35 52 20	— do. — 220	"		
R503 R504	HK 35 81 80	— do. — 180K	"		
R505 R506	HK 35 58 20	— do. — 820	"		
R507 R508	HK 35 63 90	— do. — 3.9K	"		
R509 R510	HK 35 53 30	— do. — 330	"		
R511 R512	HK 35 82 70	— do. — 270K	"		
R513 R514	HK 35 75 60	— do. — 56K	"		
R515 R516	HK 35 61 20	— do. — 1.2K	"		
R517 ~ R520	HK 35 63 30	— do. — 3.3K	"		
R521 R522	HK 35 75 60	— do. — 56K	"		
R523 R524	HK 35 53 30	— do. — 330	"		
R525 R526	HK 35 63 90	— do. — 3.9K	"		
R527 ~ R530	HK 35 66 80	— do. — 6.8K	"		
R531 R532	HK 35 58 20	— do. — 820	"		
R814	HK 35 71 00	Carbon Resistor RD25 SM-8 10K	カーボン抵抗		
R815	HK 35 61 00	— do. — 1K	"		
※ VR101 ~ VR103	HT 17 00 40	Semi Variable Resistor V8K4-1 B500	半固定 V R		
VR201 VR202	HT 77 00 70	— do. — B20K	"		
VR203	HT 17 00 20	— do. — B10K	"		
VR204	HT 17 00 30	— do. — B100K	"		
※ VR501	HS 41 09 20	Variable Resistor 50KA x 2	音 量		
※ VR502	HS 31 07 40	— do. — 20KC, S			
※ VR502	HS 31 06 50	— do. — φ16 20KC	BASS		
※ VR503 VR504	HS 31 06 60	— do. — 20K G	PRESENCE TREBLE		
VR601	HS 31 06 70	— do. — 20KHB	BALANCE		
TR101	iC 22 40 00	Transistor 2SC2240 (GR,BL)	トランジスター		
TR102 ~ TR110	iC 18 15 80	— do. — 2SC1815 (Y,GR)	"		
TR102 ~ TR110	iC 23 20 10	— do. — 2SC2320 (E,F)	"		
TR111 TR112	iA 09 99 10	— do. — 2SA999 (E,F)	"		
TR111 TR112	iA 10 15 70	— do. — 2SA1015 (O,Y)	"		
TR113 TR114	iC 18 15 80	— do. — 2SC1815 (Y,GR)	"		
TR113 TR114	iC 23 20 10	— do. — 2SC2320 (E,F)	"		
TR115 TR116	iA 09 99 10	— do. — 2SA999 (E,F)	"		
TR115 TR116	iA 10 15 70	— do. — 2SA1015 (O,Y)	"		
TR117	iC 18 15 80	— do. — 2SC1815 (Y,GR)	"		
TR117	iC 23 20 10	— do. — 2SC2320 (E,F)	"		
TR201 TR202	iC 18 15 80	— do. — 2SC1815 (Y,GR)	"		
TR201 TR202	iC 23 20 10	— do. — 2SC2320 (E,F)	"		
TR203 TR204	iC 25 00 00	— do. — 2SC2500	"		

※ New Parts

Ref No.	Part No.	Description	部 品 名	Markets	Remarks
TR203 TR204	iD 06 55 00	Transistor 2SD655	"		
TR205	iC 18 15 80	- do. - 2SC1815 (Y,GR)	"		
TR205	iC 23 20 10	- do. - 2SC2320 (E,F)	"		
TR206	iA 09 99 10	- do. - 2SA999 (E,F)	"		
TR206	iA 10 15 70	- do. - 2SA1015 (O,Y)	"		
TR401 TR402	iC 22 40 00	- do. - 2SC2240 (GR,BL)	"		
TR401 TR402	iC 23 00 00	- do. - 2SC2300	"		
TR403 ~ TR406	iC 18 15 80	- do. - 2SC1815 (Y,GR)	"		
TR501 ~ TR506	iC 18 15 80	- do. - 2SC1815 (Y,GR)	"		
TR806	iD 06 69 00	- do. - 2SD669 (C,D)	"		
D101 D102	iF 00 00 40	Diode 1S1555	ダイオード		
D101 D102	iF 00 06 70	- do. - 1S2473	"		
D103	iF 00 03 20	Zener Diode WZ061	ツェナーダイオード		
D103	iF 00 10 70	- do. - HZ-6B	"		
※ D104 D105	iF 00 14 30	LED SLP-141B	LED アカ角型		
D201 ~ D204	iF 00 00 40	Diode 1S1555	ダイオード		
D201 ~ D204	iF 00 06 70	- do. - 1S2473	"		
D204 ~ D207	iF 00 14 30	LED SLP-141B	LED アカ角型		
D809	iF 00 03 50	Zener Diode WZ-130	ツェナーダイオード		
D809	iF 00 05 50	- do. - HZ-12C	"		
IC101 IC102	iG 00 03 90	IC UPC577H	I C		
IC201	iG 02 92 00	- do. - iG02920	"		
IC202	iG 02 83 00	- do. - UPC4558	"		
IC301	iG 03 17 00	- do. - LA1240	"		
※ SW101	KA 80 10 20	Push Switch	プッシュスイッチ 5 連		
SW401 SW402	KA 50 03 90	Rotary Switch	ロータリースイッチ 4 回路 5 接点		
PJ401 ~ PJ404	LB 40 03 10	Pin Jack PC 4P	ピンジャック		
PJ401 ~ PJ404	LB 40 06 10	- do. - 4P	"		
※ PK101	PA 00 05 10	FR 6.51 U	R F パック		
※ LC 69 70 20		Printed C. Board	プリント基板		
LB 10 01 10		Diamond Connector Pin	ダイヤモンドコネクタピン		
LA 00 25 50		i-Type Rapping Terminal P=5 3P	i 型 ラッピング端子板		
LA 00 25 40		- do. - P=5 2P	"		
LA 00 27 70		Antenna Terminal 5P	アンテナ端子板		
LB 50 03 80		DIN Connector Socket 5P	DIN コネクターソケット	G	
Mi 06 72 50		Ribbon Wire UL2468 2P l=300	リボンワイヤー		
Mi 06 75 30		- do. - 3P l=200	"		
Mi 06 75 40		- do. - 3P l=250	"		
※ Mi 06 75 50		- do. - 3P l=300	"		
Mi 06 76 00		- do. - 3P l=550	"		
Mi 06 72 20		- do. - 2P l=150	"	G	
Mi 06 75 20		- do. - 3P l=150	"	G	
※ AA 09 58 80		Switch Holder (A)	S Wホルダー (A)		
BA 06 96 20		Heat Sink	放熱板		
CB 06 88 80		Plastic Rivet ϕ 3.5	プラスチックリベット		
LA 00 20 30		P25 4P	i 型 ラッピング端子板		
		Bind Head Screw 3 x 6 ZMC2-Y	鉄バインド小ネジ		
		Bind Head Tapping Screw 3 x 8 ZMC2-Y	鉄バインド タッピングネジ 2 種		
AA 08 29 10		Shield Plate	シールド板		
CB 08 96 70		LED Holder	6 tホルダー		

MAIN CIRCUIT BOARD

※ New Parts

Ref No.	Part No.	Description	部 品 名	Markets	Remarks
C601 C602	FA 45 51 80	Mylar Capacitor 0.18 50V (J)	マイラーコン		
C603 C604	FA 85 31 80	— do. — 0.0018 50V (J)	〃		
C605 C606	FA 85 41 80	— do. — 0.018 50V (J)	〃		
C607 C608	FA 45 54 70	— do. — 0.47 50V (J)	〃		
C609 C610	FA 45 55 20	— do. — 0.22 50V (J)	〃		
C701 C702	FG 01 21 50	Ceramic Capacitor 150P 50V SL(K)	セラコン		
C703 C704	FZ 00 09 00	Electrolytic Capacitor Vert. (MS) 2.2/50	ケミコン タテ型		
C705 C706	FG 01 21 00	Ceramic Capacitor 100P 50V SL(K)	セラコン		
C707 C708	FW 36 61 00	Electrolytic Capacitor Vert. 1/50	ケミコンタテ型 テーピング		
※ C709 C710	FG 00 03 00	Ceramic Capacitor 3P 50V SL(F)	セラコン		
※ C711 C712	FG 01 07 00	— do. — 7P 50V SL(F)	〃		
C713 ~ C716	FW 36 61 00	Electrolytic Capacitor Vert. 1/50	ケミコンタテ型 テーピング		
C717 ~ C720	FG 54 51 00	Ceramic Capacitor 0.1 500V YM(Z)	セラコン		
C721 ~ C724	FH 61 16 80	— do. — 68P/500 500V	〃		
C725 C726	FW 36 61 00	Electrolytic Capacitor Vert. 1/50	ケミコンタテ型 テーピング		
※ C727 C728	FG 04 44 70	Ceramic Capacitor 0.047 50V F(Z)	セラコン		
C729 ~ C732	FG 54 51 00	— do. — 0.1 50V YM(Z)	〃		
C733 ~ C737	FW 37 64 70	Electrolytic Capacitor Vert. 4.7/63	ケミコンタテ型 テーピング		
C739	FW 37 64 70	Electrolytic Capacitor Vert. 4.7/63	ケミコン		
C801 C802	FH 23 41 00	Ceramic Capacitor 0.01/500 500V YZ(P)	ケミコンタテ型テーピング		
※ C803 C804	FJ 18 84 70	Electrolytic Capacitor Vert. 470/80	セラコン		
C805 C806	FJ 16 81 00	— do. — 100/50	ケミコンタテ型		
C807 C808	FG 04 41 00	Ceramic Capacitor 0.01 500V YZ(Z)	〃		
C809 ~ C812	FW 36 71 00	Electrolytic Capacitor Vert. 10/50	セラコン		
C813	FJ 18 82 20	— do. — 220/80	ケミコンタテ型テーピング		
C814	FJ 16 84 70	— do. — 470/50	ケミコンタテ型		
C815	FJ 35 82 20	— do. — 220/35	〃		
C816	FW 36 61 00	Electrolytic Capacitor Vert. 1/50	〃		
C821 ~ C825	FH 23 41 00	Ceramic Capacitor 0.01/500 500V YZ(P)	ケミコンタテ型テーピング		
※ C826 C827	FZ 00 16 20	Electrolytic Capacitor 12000/55			
C826 C827	FZ 00 16 30	— do. — 12000/55	セラコン		
C901	FW 33 74 70	Electrolytic Capacitor Vert. 47/16	ケミコン基板型		
C902	FJ 35 74 70	— do. — 47/35	〃		
C903	FJ 35 81 00	— do. — 100/35	ケミコンタテ型		
L701 L702	GD 90 02 80	Coil 3μH	〃		
R601 R602	HC 75 61 80	Carbon Resistor RD25 SM-8 1.8K	〃		
R603 R604	HC 75 73 30	— do. — 33K			
R605 R606	HC 75 64 70	— do. — 4.7K	コイル		
R607 ~ R610	HC 75 91 00	— do. — 1M			
R701 R702	HC 75 52 20	— do. — 220	カーボン抵抗		
R703 R704	HC 75 73 90	— do. — 39K	〃		
R705 R706	HC 75 71 20	— do. — 12K	〃		
R707 R708	HC 75 61 50	— do. — 1.5K	〃		
R709 R710	HC 75 73 30	— do. — 33K	〃		
R711 R712	HC 75 76 80	— do. — 68K	〃		
R713 R714	HC 75 64 70	— do. — 4.7K	〃		
C715 C716	HC 75 61 00	— do. — 1K	〃		
※ C717 C718	HL 52 53 90	Metal Oxide Resistor 2P 390	酸化抵抗フォーミング		
C719 C720	HC 75 53 90	Carbon Resistor RD25 SM-8 390	カーボン抵抗		
R721 ~ R724	HZ 00 10 30	Metal Film Resistor RGL5 5P 0.47	金属板抵抗		
R725 R726	HZ 00 07 10	Fire Proof Resistor 1P 4.7	不燃性抵抗		
R727 R728	HL 32 41 00	Metal Oxide Resistor 2P 10	酸化抵抗		
R729 ~ R732	HL 52 52 20	— do. — 2P 220	〃 フォーミング		

※ New Parts

Ref No.	Part No.	Description	部 品 名	Markets	Remarks
R801 R802	HC 75 62 20	Carbon Resistor RD25 SM-8 2.2K	カーボン抵抗		
R803 R804	HC 75 63 90	— do. — 3.9K	〃		
R805	HC 75 68 20	— do. — 8.2K	〃		
R806	HC 75 71 80	— do. — 18K	〃		
R807	HC 75 73 90	— do. — 39K	〃		
R808	HC 75 63 30	— do. — 3.3K	〃		
R809	HC 75 72 70	— do. — 27K	〃		
R810	HC 75 63 90	— do. — 3.9K	〃		
R811	HC 75 72 20	— do. — 22K	〃		
R812	HC 75 62 70	— do. — 2.7K	〃		
R813	HC 75 51 00	— do. — 100	〃		
R816	HC 75 62 20	Carbon Resistor RD25 SM-8 2.2K			
R821 R822	HL 31 63 30	Metal Oxied Film Resistor 1P 3.3K	〃		
R901 R902	HC 75 82 20	Carbon Resistor RD25 SM-8 220K			
R903	HC 75 82 70	— do. — 270K	酸金抵抗		
R904	HC 75 73 90	— do. — 39K	カーボン抵抗		
R905	HC 75 71 00	— do. — 10K	〃		
R906	HC 75 86 80	— do. — 680K	〃		
※ R907	HM 05 51 80	Cement Molded Resistor 5P 180	〃		
VR602	HS 31 06 80	Variable Resistor 20KB	〃		
VR701 VR702	HT 77 00 60	Semi Variable Resistor KVSF8-7PNF 10KB	セメント抵抗		
※ TR801	iD 06 69 00	Transistor 2SD669 (C,D)			
※ TR802	iB 06 49 00	— do. — 2SB649 (C,D)	ボリューム11点クリック		
※ TR803	iC 18 15 50	— do. — 2SC1815 (Y,GR(A))	半固定VR	Other marking first 1,900 pcs. are specially used.	
TR803	iC 23 20 00	— do. — 2SC2320 (F,H)			
※ TR804	iA 09 99 00	— do. — 2SA999 (E,F)	トランジスター		
※ TR804	iA 10 15 50	— do. — 2SA1015 (O,Y(A))	〃	Other marking first 1,900 pcs. are specially used.	
TR805	iD 04 38 00	— do. — 2SD438	〃		
※ TR805	iD 06 67 00	— do. — 2SD667 (C,D)	〃		
※ TR901	iC 18 15 80	— do. — 2SC1815 (Y,GR)	〃		
※ TR902	iA 09 99 00	— do. — 2SA999 (E,F)	〃		
※ TR902	iA 10 15 50	— do. — 2SA1015 (O,Y(A))	〃	Other marking first 1,900 pcs. are specially used.	
※ TR903	iC 18 15 50	— do. — 2SC1815 (Y,GR(A))	〃	Other marking first 1,900 pcs. are specially used.	
TR903	iC 23 20 00	— do. — 2SC2320 (E,F)	〃		
※ TR904	iC 19 59 00	— do. — 2SC1959 (O,Y)	〃		
※ TR904	iD 07 34 00	— do. — VCEO 30V 2SD734 (E,F)			
※ D801 D802	iH 00 07 10	Diode W06C	ダイオード		
D801 D802	iH 00 02 50	— do. — 1S1886	〃		
※ D803 D804	iH 00 07 20	— do. — W03B	〃		
D803 D804	iH 00 02 40	— do. — 1S1885	〃		
D805	iH 00 02 20	— do. — S5151R	〃		
D805	iH 00 05 10	— do. — SS-5R	〃		
D806	iH 00 02 10	SS-151	〃		
D806	iH 00 05 00	SS-5	〃		
D807	iF 00 03 20	Zener Diode WZ061	ツェナーダイオード		
D807	iF 00 05 70	— do. — HZ6C	〃		
※ D808	iF 00 14 30	LED SLP-141B	LEDアカ角型		
D901	iF 00 00 40	Diode 1S1555	ダイオード		
※ D902	iH 00 07 10	— do. — W06C	〃		
D902	iH 00 02 40	— do. — 1S1885	〃		
IC701 IC702	iG 02 94 00	IC iG02940	パワーIC		
F801	KB 00 04 20	Fuse 250V 2.5A	ヒューズタイラッシュ	R,A	
F801	KB 00 07 50	— do. — 250V 2AT	ヒューズⓈタイムラグ	G,B	

✱ **New Parts**

[illegible]