



SERVICE MANUAL

A-770

INTEGRATED AMPLIFIER

NOTE

A-770 is additional model which external appearances are different from those of A-700.

This manual contains PACKING LIST, ACCESSORY LIST, PARTS LOCATION ON BOARD, PARTS LIST OF BOARD, SCHEMATIC DIAGRAM and OTHER PARTS.

For servicing, refer to this manual together with A-700/730 service manual previously issued.

CAUTION

1. Parts identified by the Δ symbol on the schematic diagram and the parts list are critical for safety. Use only replacement parts that have critical characteristics recommended by the manufacturer.
2. Make leakage-current or resistance measurements to determine that exposed parts are acceptably insulated from the supply circuit before returning the appliance to the customer.

NOTE

1. The symbols, CSA, EU, BS, SEV, XX <EXPORT> and XX-V <EXPORT-V> on the parts list mean followings respectively.

EU Manufactured for European market.

CSA Manufactured for Canadian market.

BS Manufactured for United Kingdom market.

SEV Manufactured for Swiss market.

NON MARK Common Parts.

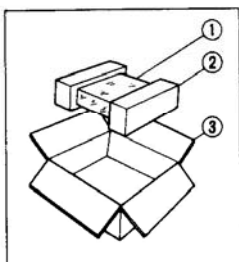
XX <EXPORT> Standard Version with Inner Voltage Selector.

XX-V <EXPORT-V> Standard Version with Outer Voltage Selector.

2. On the parts list, the different parts are specified by “#” mark.

1. PACKING LIST

Parts No.	Stock No.	Description
#1	47859900	Vinyl Cover
#2	27139910	Styrofoam Packing
#3	84545200	Carton Case



2. ACCESSORY LIST

Parts No.	Stock No.	Description
#	84450000	Operating Instruction (*E•F•S)
#	84450100	Operating Instruction (*G•I•Sw)

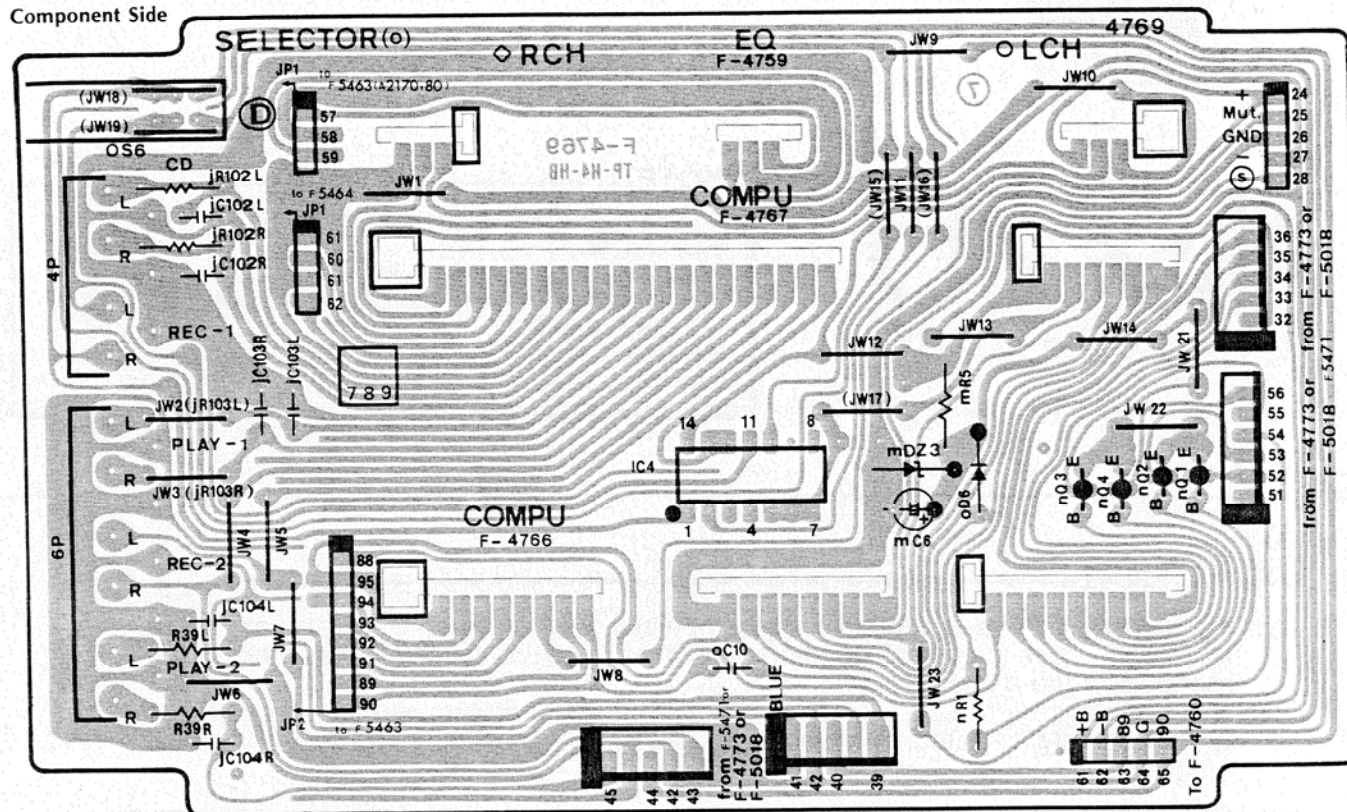
*Note:

E•F•S: English•French and Spanish Version

G•I•Sw: German•Italian and Swedish Version

3. PARTS LOCATION ON BOARD (# F-4769 Input Terminal Board)

Component Side



4. PARTS LIST OF BOARD

-NOTE-

1. Some printed circuit boards are not supplied assembled. To separate these in this service manual, the stock numbers are not indicated for these boards. However, stock numbers for individual parts are indicated.
2. Since some capacitors and resistors are omitted from parts lists in this service manual, refer to the Common Parts List for capacitors and resistors, which was issued on June 1987.

3. Abbreviations in this service manual are as follows.

•Abbreviations List

N.I.R.	: Non-Inflammable Resistor
C.C.	: Ceramic Capacitor
F.C.	: Film Capacitor
E.C.	: Electrolytic Capacitor
E.B.	: Bi-Polar Electrolytic Capacitor

4-1. F-4769 Input Terminal Board (# Stock No. 01064201)

Parts No.	Stock No.	Description
•Zener Diode mDZ3	46100900 or 46101000	05Z5.1-X 05Z5.1-Y
•Transistor #nQ1	48172300 or 46923300 or 48229700	DTA114 DTA124 DTA114
#nQ2	48172300 or 46923300 or 48229700	DTA114 DTA124 DTA114
#nQ3	48172300 or 46923300 or 48229700	DTA114 DTA124 DTA114

Parts No.	Stock No.	Description
#nQ4	48172300 or 46923300 or 48229700	DTA114 DTA124 DTA114
△mR5	46229700	390Ω 1/2W N.I.R.
•IC oIC4	46255000 or 48056800	LC4066BH LC4966
oS6	46670600	Push SW., DECK SELECTOR
oZ3	46546800	6p Terminal Board, TAPE-1 (PLAY), TAPE-2
oZ6	46371500	4p Terminal Board, CD/AUX. TAPE-1 (REC)

4-2. F-4764 Power Amp.

Sub Board (#Stock No. 01064101)

Parts No.	Stock No.	Description
•Transistor kQ1	46581601 or 46614001 or 46947301	2SA992 2SA1283 2SA1049
ΔkR9	46229000	100Ω 1/2W N.I.R.
#kC1	48103400	1μF 50V E.B.
#kC8	08414700	47μF 50V E.B.
#kC10	08414700	47μF 50V E.B.
#kC11	08414700	47μF 50V E.B.
•Transistor IQ1	46367101 or 46367301 or 46392101	2SC2603 2SC2458 2SC2785
IQ2	46367101 or 46367301 or 46391901	2SC2603 2SC2458 2SC2785
IQ3	46581601 or 46614001 or 46947301	2SA992 2SA1283 2SA1049
•Diode ID1	03117600 or 46086000	1S2473T77 1S1588TP-3
ID2	03117600 or 46086000	1S2473T77 1S1588TP-3
ID3	03117600 or 46086000	1S2473T77 1S1588TP-3

4-3. F-4773 Tone Control

& BALANCE Volume Board

Parts No.	Stock No.	Description
jVR2	48171100	250kΩ (W) V.R., BALANCE
jVR3	48171200	50kΩ (C) V.R., BASS
jVR4	48171200	50kΩ (C) V.R., TREBLE
•LED		
#nLD1	48835400	SEL2910A, PHONO
#nLD2	48835400	SEL2910A, TUNER
#nLD3	48835400	SEL2910A, CD
#nLD4	48835400	SEL2910A, TAPE-1
#nLD5	48835400	SEL2910A, TAPE-2
nPL1	48191900	12V 0.15 A Pilot Lamp
nPL2	48286600	12V 0.15 A Pilot Lamp
oS4	48178600	Push SW., PHONO-TUNER- CD/AUX-TAPE-1
oS7	46556300	Push SW., REMOTE CONT/TAPE-2

4-4. F-4774 VOLUME Control
& LOUDNESS SW. Board

Parts No.	Stock No.	Description
jFL1	48172000	CR Module (TCB09T0009)
jVR1	48171000	150kΩ (B) V.R., VOLUME
#oS5	48224600	Push SW., LOUDNESS

4-5. F-4777 Power Supply & Power Amp. Board

(#Stock No. 01064501)

Parts No.	Stock No.	Description
•IC		
ΔkIC1	48065400	STK4913
ΔkR5	46229000	100Ω 1/2W N.I.R.
ΔkR8	46248100	10Ω 1/2W N.I.R.
ΔkR9	46229000	100Ω 1/2W N.I.R.
kC9	46281300	0.047μF 50V F.C.
ΔIR3	46621100	0.22Ω 2W N.I.R.
#IF1	48231700	4.0A QA Fuse
•Diode		
ΔmD1	48177400	DBA40-C
ΔmD2	03117000	RB152-LFF
•Zener Diode		
mDZ1	46103600	05Z12-X
	or 46103700	05Z12-Y
mDZ2	46103600	05Z12-X
	or 46103700	05Z12-Y
ΔmR1	46251400	5.6kΩ 1W N.I.R.
ΔmR2	46251400	5.6kΩ 1W N.I.R.
ΔmR3	46249800	270Ω 1W N.I.R.
ΔmR6	46248700	33Ω 1W N.I.R.
ΔmR7	46248700	33Ω 1W N.I.R.
mC1	08680400	0.01μF 500V C.C.
mC2	46395200	4700μF 56V E.C.
mC3	46395200	4700μF 56V E.C.

4-6. F-4778 SPEAKERS Terminal, POWER

& SPEAKERS SW. Board

Parts No.	Stock No.	Description
ΔkR51	46229400	220Ω 1/2W N.I.R.
ΔkR101	46248100	10Ω 1/2W N.I.R.
ΔkR102	46248100	10Ω 1/2W N.I.R.
oS1	48170900	Push SW., SPEAKERS
oS2	46414000	Push SW., Mute SW. (POWER)
oS3	46360800	Push SW., Mute SW. (POWER)
oJ1	46265700	Jack, PHONES
oZ4	46947500	8p Terminal Board, SPEAKERS
ΔpC1	46425800	0.01μF 400V C.C.
Δ	or 46943200	0.01μF 400V C.C.
Δ	or 48186700	0.01μF 400V C.C.
#ΔpF1	48721700	4.0A 250V Fuse, (CSA)
Δ	07188600	2.0A 250V Fuse, (XX-V)
Δ	07184800	1.25A 250V Fuse, (EU-BS-SEV)
ΔpF2	07188600	2.0A 250V Fuse, (XX-V)
#Δ	07184700	1.0A 250V Fuse, (SEV)
#ΔpS11	83004200	Push SW., POWER (XX-V-EU-BS-SEV)
#Δ	48065100	Push SW., POWER (CSA)

6. OTHER PARTS

6-1. Front View

Parts No.	Stock No.	Description
#1	37502301	Front Panel Ass'y
2	47732900	Slide Knob, BASS-TREBLE- BALANCE
3	48171200	50kΩ (C) Slide V.R., BASS- TREBLE
4	48171100	250kΩ Slide V.R., BALANCE
#5	47910200	Bonnet (XX-V-CSA)
#	27000210	Bonnet (EU-BS-SEV)
6	48178600	Push SW., PHONO-TUNER- CD/AUX TAPE-1
#7	84543700	Knob Ass'y, VOLUME
8	48171000	150kΩ (B) V.R., VOLUME
#9	47763510	Push Knob, LOUDNESS
#10	48224600	Push SW., LOUDNESS
11	46556300	Push SW., REMOTE CONT./ TAPE-2
12	46265700	Jack, PHONES
#13	07911000	Push Knob, SPEAKERS
14	48170900	Push SW., SPEAKERS
#15	47747100	Push Knob, POWER
#16	83004200	Push SW., POWER (XX-V-EU-BS-SEV)
#	48065100	Push SW., POWER (CSA)
17	46414000	Push SW., Mute SW.
18	46360800	Push SW., Mute SW.

6-2. Top View

Parts No.	Stock No.	Description
Δ1	38004700	Power Supply Cord (XX-V)
Δ	48187800	Power Supply Cord (CSA)
Δ	38004500	Power Supply Cord (EU-SEV)
Δ	38004300	Power Supply Cord (BS)
Δ2	46947500	8p Terminal Board, SPEAKERS
#Δ3	83020402	Power Transformer (CSA)
#Δ	83020405	Power Transformer (EU-BS-SEV)
#Δ	83020409	Power Transformer (XX-V)
Δ4	48175200	Voltage Selector (XX-V)
Δ	07204700	Slide SW., Voltage Selector (EU-BS-SEV)
Δ5	46360100	AC Outlet (XX-V)
Δ	48184800	AC Outlet (CSA)
Δ	46161000	AC Outlet (EU-SEV)
Δ	46364800	AC Outlet (BS)
6	48197700	5p Terminal Board (with wire), remote control
7	22301510	GND Terminal
8	46438100	2p Terminal Board, PHONO
9	46363700	2p Terminal Board, TUNER
10	46547200	Jack, COMPU SELECTOR
11	46371500	4p Terminal Board, CD/AUX TAPE-1 (REC)
12	46546800	6p Terminal Board, TAPE-1 (PLAY), TAPE-2
13	46670600	Push SW., DECK SELECTOR
#14	47874810	Right Side Panel Ass'y
#15	84544900	Illumination Plate
#16	84544000	Display Plate
17	47822400	Illumination Holder
#18	47763901	Joint Shaft (1), POWER
19	07934000	Joint Shaft (2), POWER
#20	47874900	Left Side Panel Ass'y
#Δ21	48721700	4.0A Fuse (CSA)
#Δ	07184700	1.0A Fuse (SEV)
#Δ	07188600	2.0A 250V Fuse (XX-V)
#Δ	07184800	1.25A 250V Fuse, (EU-BS-SEV)
#22	84514000	Power Supply Cord Cover



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17150 South Margay Ave. Carson, California 90746 U.S.A.
3036 Koapaka Street, Honolulu, Hawaii 96819 U.S.A.
SANSUI ELECTRONICS (U.K.) LTD.: Unit 10A, Lyon Industrial Estate, Rockware Avenue, Greenford, Middx UB6, OAA, England
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山水電気株式会社 HE 国内営業部 サービス推進部 東京都三浦市下連谷8-9-16(〒181) 電話0422-46-8131
(SM2-10) (1987.09.M) <Stock No. 36532700>

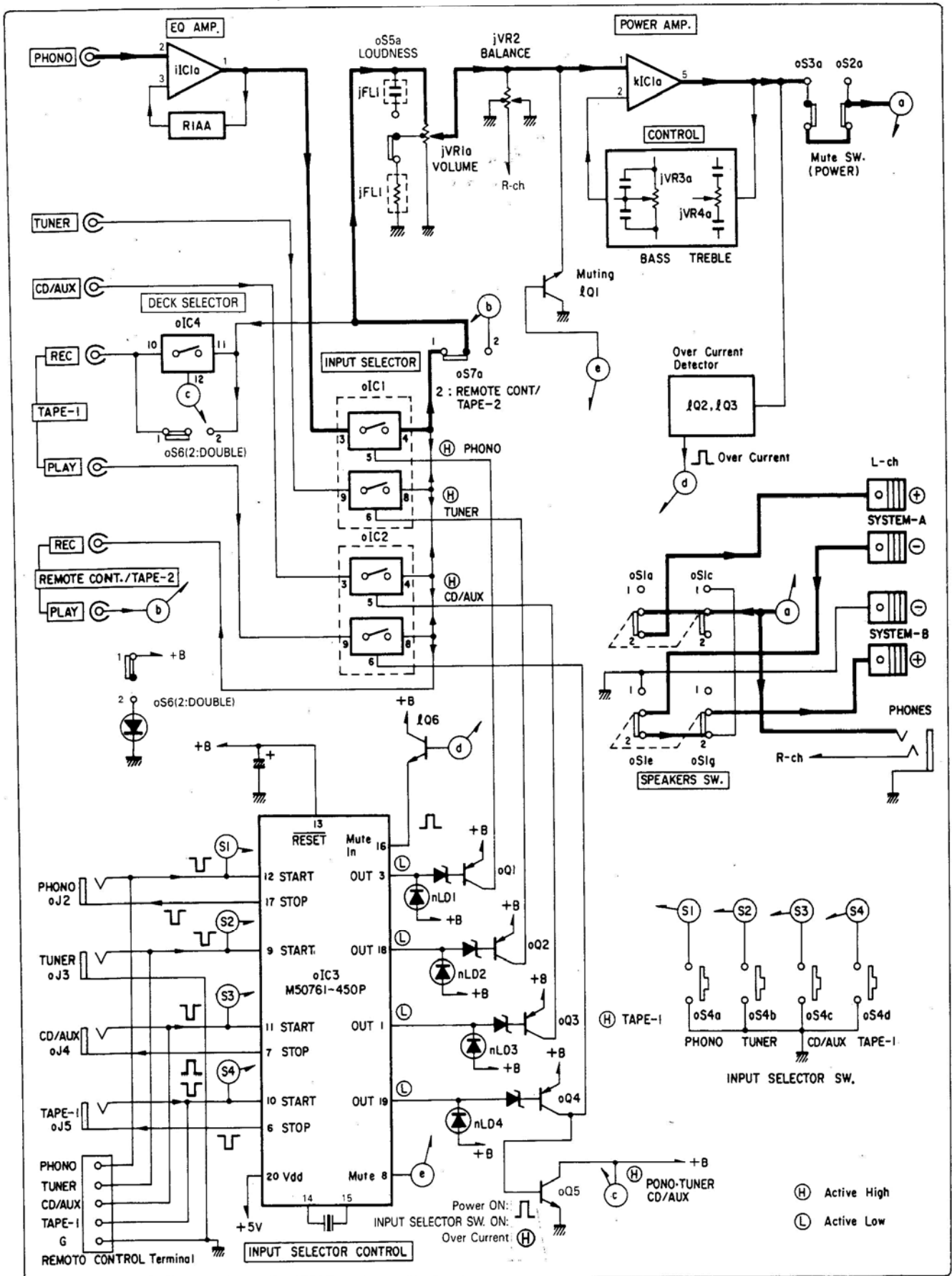
CAUTION

- The symbols, UL, CSA, SA, BS, UK, EU, AS, XX <EXPORT> and XX-V <EXPORT(V)> on the parts list and the schematic diagram mean followings respectively.
 UL..... Manufactured for U.S.A market.
 (Underwriters Laboratories approved model.)
 CSA Manufactured for Canadian market.
 SA..... Manufactured for South African market.
 BS, UK..... Manufactured for United Kingdom market.
 EU Manufactured for European market.
 AS..... Manufactured for Australian market.
 XX <EXPORT> Standard Version with Inner Voltage Selector.
 XX-V <EXPORT(V)> Standard Version with Outer Voltage Selector.
 NON MARK Common Parts.
- Some printed circuit boards are not supplied as the assembled.
 To separate these in this service manual, the stock No's are not indicated at the ends of the board names. However, the individual parts on the circuit boards are provided by orders.
- Since some of capacitors and resistors are omitted from parts lists in this service manual, refer to the Common Parts List for capacitors & resistors, which was issued on February 1983.
- Abbreviations in this service manual are as follows.

•Abbreviations List

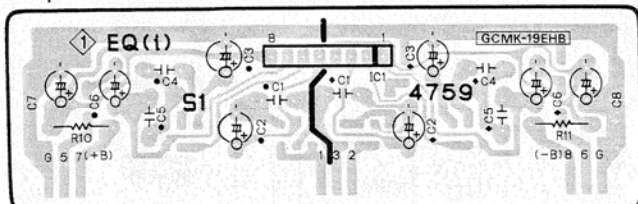
C.R. : Carbon Resistor	E.B.L. : Low Leak Bi-Polar
S.R. : Solid Resistor	Electrolytic Capacitor
Ce.R. : Cement Resistor	Ta.C. : Tantalum Capacitor
M.R. : Metal Film Resistor	F.C. : Film Capacitor
F.R. : Fusing Resistor	M.P. : Metalized Paper Capacitor
N.I.R. : Non-Inflammable Resistor	P.C. : Polystyrene Capacitor
A.R. : Array Resistor	G.C. : Gimmic Capacitor
C.C. : Ceramic Capacitor	A.C. : Array Capacitor
C.T. : Ceramic Capacitor,	V.R. : Variable Resistor
Temperature Compensation	S.V.R. : Semi Variable Resistor
E.C. : Electrolytic Capacitor	SW. : Switch
E.L. : Low Leak Electrolytic	Chip R. : Chip Resistor
Capacitor	Chip C. : Chip Capacitor
E.B. : Bi-Polar Electrolytic	
Capacitor	

1. BLOCK DIAGRAM

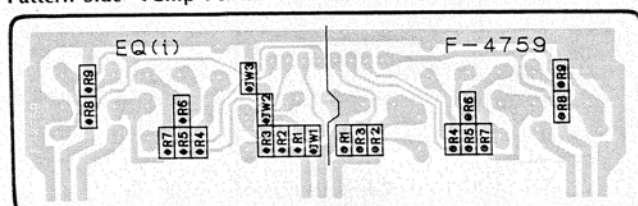


2. PARTS LOCATION & PARTS LIST

2-1. F-4759 Equalizer Amp. Board (Stock No. 00852601) Component Side



Pattern Side <Chip Parts>

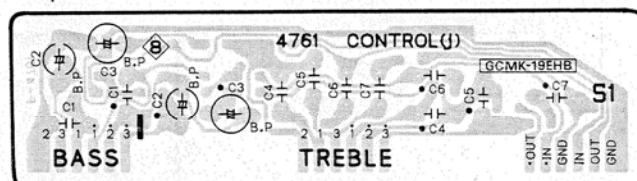


•Note: On this circuit board, the left channel is specified by "●" mark on top of the parts No.

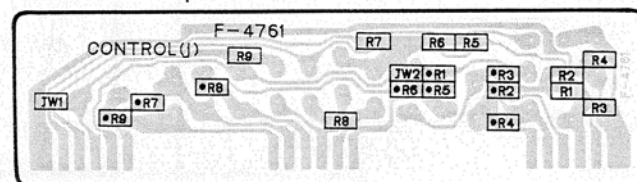
Parts List

Parts No.	Stock No.	Description
•IC		
iC1	46078900	M5218L
iJW1	46741100	Cross Conductor (Chip)
iJW2	46741100	Cross Conductor (Chip)
iJW3	46741100	Cross Conductor (Chip)
iR1	46752400	100kΩ 1/8W Chip R.
iR2	46746800	470Ω 1/8W Chip R.
iR3	46752400	100kΩ 1/8W Chip R.
iR4	46746900	510Ω 1/8W Chip R.
iR5	46746900	510Ω 1/8W Chip R.
iR6	46750800	22kΩ 1/8W Chip R.
iR7	46753500	300kΩ 1/8W Chip R.
iR8	46746800	470Ω 1/8W Chip R.
iR9	46752400	100kΩ 1/8W Chip R.
△iR10	46229000	100Ω 1/2W N.I.R.
△iR11	46229000	100Ω 1/2W N.I.R.
iC4	46282400	3300pF 50V F.C.
iC5	46283000	0.012μF 50V F.C.

2-2. F-4761 Tone Control Board Component Side



Pattern Side <Chip Parts>



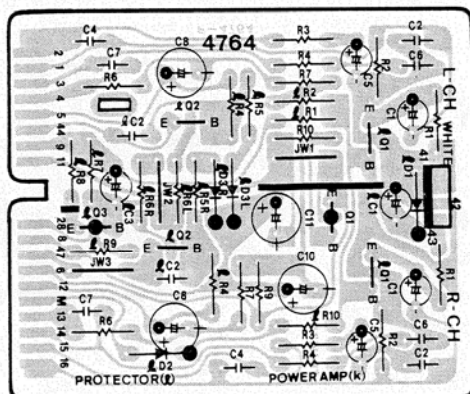
•Note: On this circuit board, the left channel is specified by "●" mark on top of the parts No.

Parts List

Parts No.	Stock No.	Description
iJW1	46741100	Cross Conductor (Chip)
iJW2	46741100	Cross Conductor (Chip)
iR1	46750200	12kΩ 1/8W Chip R.
iR2	46748200	1.8kΩ 1/8W Chip R.
iR3	46753400	270kΩ 1/8W Chip R.
iR4	46751000	27kΩ 1/8W Chip R.
iR5	46751700	51kΩ 1/8W Chip R.
iR6	46748400	2.2kΩ 1/8W Chip R.
iR7	46749400	5.6kΩ 1/8W Chip R.
iR8	46749600	6.8kΩ 1/8W Chip R.
iR9	46747200	680Ω 1/8W Chip R.
iC1	46283600	0.039μF 50V F.C.
iC2	46937000	0.22μF 50V E.B.
iC3	48101800	47μF 10V E.B.
iC4	46281800	1000pF 50V F.C.
iC5	46282800	8200pF 50V F.C.
iC6	46282700	6800pF 50V F.C.

2-3. F-4764 Power Amp. Sub Board (Stock No. 00867601)

Component Side



Parts List

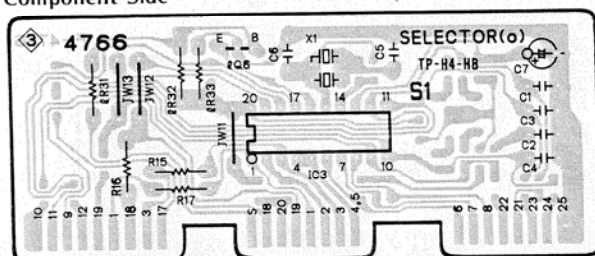
Parts No.	Stock No.	Description
•Transistor		
kQ1	46581601	2SA992
	or 46614001	2SA1283
	or 46947301	2SA1049

Parts No.	Stock No.	Description
△kR9	46229000	100Ω 1/2W N.I.R.
IQ1	46367101	2SC2603
	or 46367301	2SC2458
	or 46392101	2SC2785
IQ2	46367101	2SC2603
	or 46367301	2SC2458
	or 46391901	2SC2785
IQ3	46581601	2SA992
	or 46614001	2SA1283
	or 46947301	2SA1049
•Diode		
ID1	03117600	1S2473T77
	or 46086000	1S1588TP-3
ID2	03117600	1S2473T77
	or 46086000	1S1588TP-3
ID3	03117600	1S2473T77
	or 46086000	1S1588TP-3
IC2	46284100	0.1μF 50V F.C.

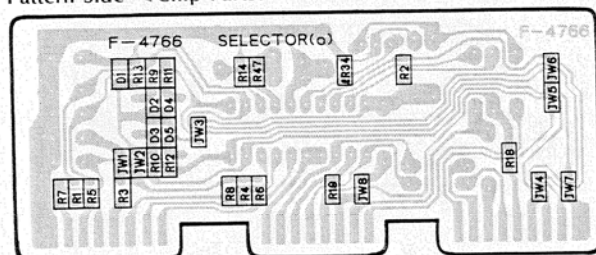
2-4. F-4766 INPUT SELECTOR Control Board

Component Side

(Stock No. 00867701)



Pattern Side < Chip Parts >



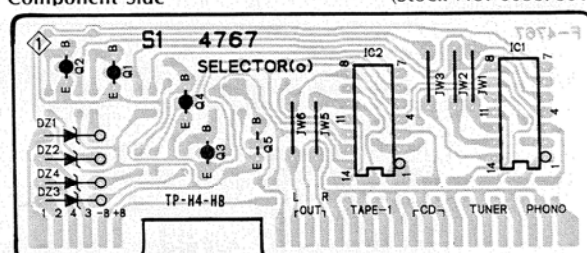
Parts List

Parts No.	Stock No.	Description
•Transistor		
IQ6	46367101	2SC2603
	or 46367301	2SC2458
	or 46391901	2SC2785
IR34	46749200	4.7k Ω 1/8W Chip R.
•IC		
oIC3	48158300	M50761-450P
oX01	46396200	Ceramic Element CSB400P
•Diode		
oD1	46852000	RLS-73 (Chip)
oD2	46852000	RLS-73 (Chip)
oD3	46852000	RLS-73 (Chip)
oD4	46852000	RLS-73 (Chip)
oD5	46852000	RLS-73 (Chip)
oJW1~8	46741100	Cross Conductor (Chip)
oR1	46748000	1.5k Ω 1/8W Chip R.
oR2	46748000	1.5k Ω 1/8W Chip R.
oR3	46748000	1.5k Ω 1/8W Chip R.
oR4	46748000	1.5k Ω 1/8W Chip R.
oR5	46748000	1.5k Ω 1/8W Chip R.
oR6	46748000	1.5k Ω 1/8W Chip R.
oR7	46748000	1.5k Ω 1/8W Chip R.
oR8	46748000	1.5k Ω 1/8W Chip R.
oR9	46750000	10k Ω 1/8W Chip R.
oR10	46750000	10k Ω 1/8W Chip R.
oR11	46750000	10k Ω 1/8W Chip R.
oR12	46750000	10k Ω 1/8W Chip R.
oR13	46752400	100k Ω 1/8W Chip R.
oR14	46754800	1M Ω 1/8W Chip R.
oR18	46746600	390 Ω 1/8W Chip R.
oR19	46751800	56k Ω 1/8W Chip R.
oR47	46748700	3k Ω 1/8W Chip R.

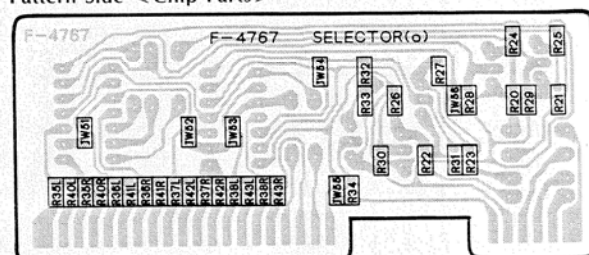
2-5. F-4767 INPUT SELECTOR Board

Component Side

(Stock No. 00867801)



Pattern Side < Chip Parts >

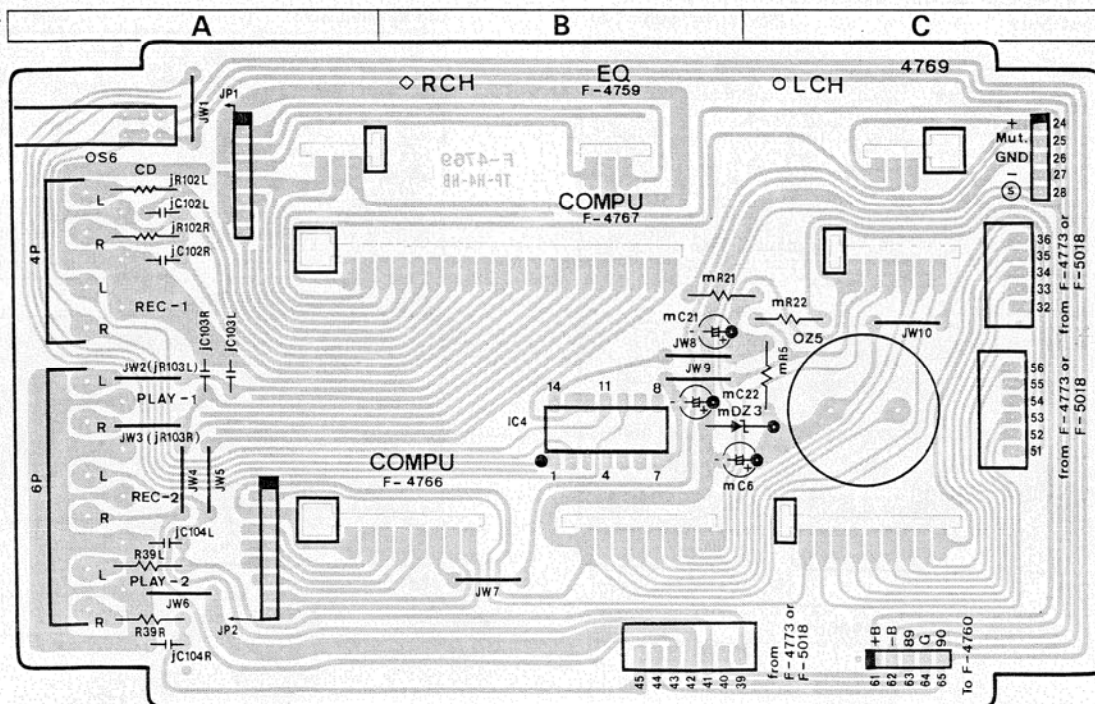


Parts List

Parts No.	Stock No.	Description
•Transistor		
oQ1	46188601	2SA1015
	or 46367001	2SA1115
	or 46367201	2SA1048
oQ2	46188601	2SA1015
	or 46367001	2SA1115
	or 46367201	2SA1048
oQ3	46188601	2SA1015
	or 46367001	2SA1115
	or 46367201	2SA1048
oQ4	46188601	2SA1015
	or 46367001	2SA1115
	or 46367201	2SA1048
oQ5	46188701	2SC1815
	or 46367101	2SC2603
	or 46367301	2SC2458
•IC		
oIC1	46255000	LC4066BH
	or 48056800	LC4966
oIC2	46255000	LC4066BH
	or 48056800	LC4966
•Zener Diode		
oDZ1	46112700	05Z8.2-Y
oDZ2	46112700	05Z8.2-Y
oDZ3	46112700	05Z8.2-Y
oDZ4	46112700	05Z8.2-Y
oJW51~56	46741100	Cross Conductor (Chip)
oR20	46747200	680 Ω 1/8W Chip R.
oR21	46747200	680 Ω 1/8W Chip R.
oR22	46747200	680 Ω 1/8W Chip R.
oR23	46747200	680 Ω 1/8W Chip R.
oR24	46749200	4.7k Ω 1/8W Chip R.
oR25	46749200	4.7k Ω 1/8W Chip R.
oR26	46749200	4.7k Ω 1/8W Chip R.
oR27	46749200	4.7k Ω 1/8W Chip R.
oR28	46751600	47k Ω 1/8W Chip R.
oR29	46751600	47k Ω 1/8W Chip R.
oR30	46751600	47k Ω 1/8W Chip R.
oR31	46751600	47k Ω 1/8W Chip R.
oR32	46750800	22k Ω 1/8W Chip R.
oR33	46749200	4.7k Ω 1/8W Chip R.
oR34	46751600	47k Ω 1/8W Chip R.
oR35	46749200	4.7k Ω 1/8W Chip R.
oR36	46749200	4.7k Ω 1/8W Chip R.
oR37	46749200	4.7k Ω 1/8W Chip R.
oR38	46749200	4.7k Ω 1/8W Chip R.
oR40	46754000	470k Ω 1/8W Chip R.
oR41	46754000	470k Ω 1/8W Chip R.
oR42	46754000	470k Ω 1/8W Chip R.
oR43	46754000	470k Ω 1/8W Chip R.

2-6. F-4769 Input Terminal Board

Component Side



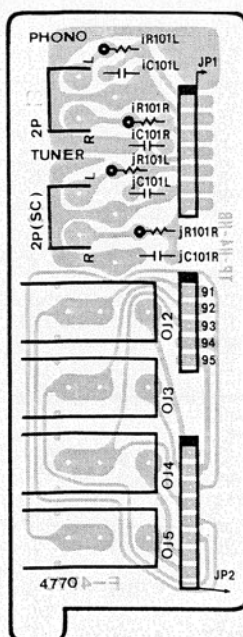
Parts List

Parts No.	Stock No.	Description
• Zener Diode mDZ3	46100900 or 46101000	05Z5.1-X 05Z5.1-Y
△ mR5	46229700	390Ω 1/2W N.I.R.
• IC oIC4	46255000 or 48056800	LC4066BH LC4966

Parts No.	Stock No.	Description
oS6	46670600	Push SW., DECK SELECTOR
oZ3	46546800	6P Terminal Board, TAPE-1 (PLAY)•TAPE-2
oZ6	46371500	4P Terminal Board, CD/AUX• TAPE-1 (REC)

2-7. F-4770 COMPU SELECTOR Jack Board

Component Side

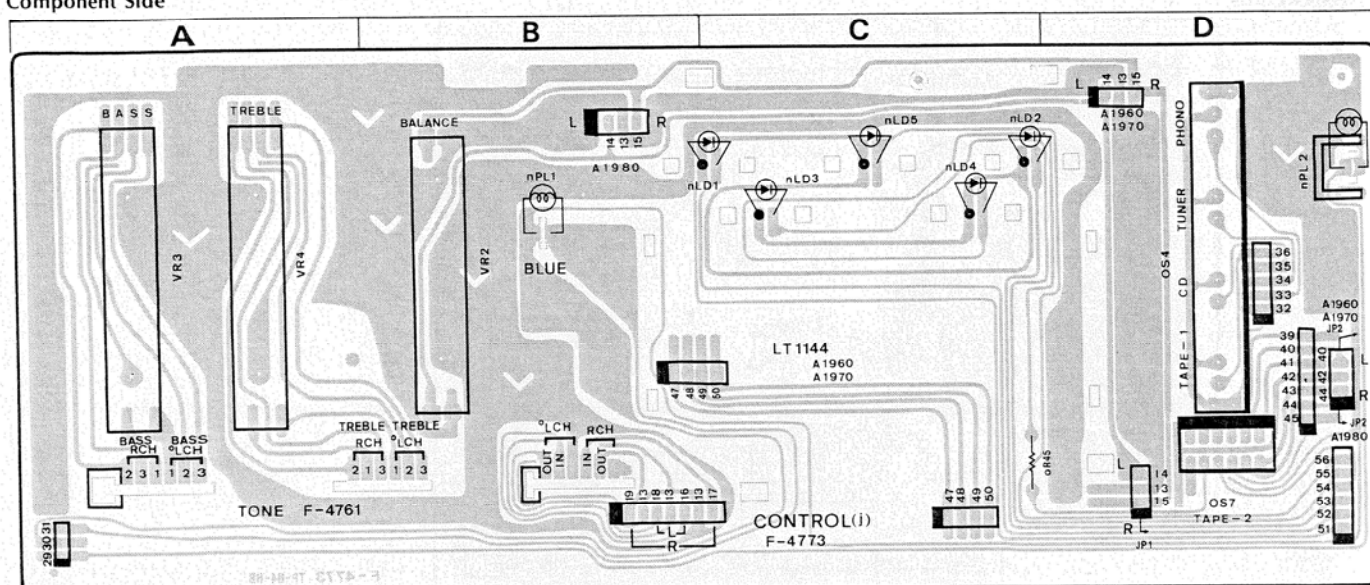


Parts List

Parts No.	Stock No.	Description
oJ2	46547200	Jack, PHONO (COMPU SELECTOR)
oJ3	46547200	Jack, TUNER (COMPU SELECTOR)
oJ4	46547200	Jack, CD (COMPU SELECTOR)
oJ5	46547200	Jack, TAPE-1 (COMPU SELECTOR)
oZ2	46438100	2P Terminal Board, PHONO
oZ7	46363700	2P Terminal Board, TUNER

2-8. F-4773 Tone Control & BALANCE Volume Board

Component Side



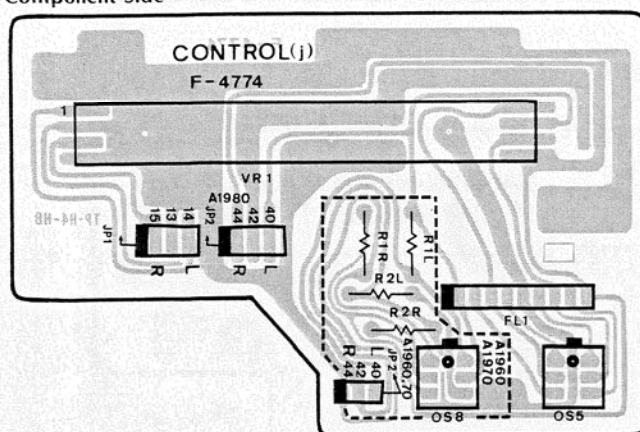
Parts List

Parts No.	Stock No.	Description
jVR2	48171100	250kΩ (W) V.R., BALANCE
jVR3	48171200	50kΩ (C) V.R., BASS
jVR4	48171200	50kΩ (C) V.R., TREBLE
•LED		
nLD1	48172100	BR3447S
nLD2	48172100	BR3447S
nLD3	48172100	BR3447S

Parts No.	Stock No.	Description
nLD4	48172100	BR3447S
nLD5	48172100	BR3447S
nPL1	48191900	12V 0.15A Pilot Lamp
nPL2	46286600	12V 0.15A Pilot Lamp
oS4	48178600	Push SW., PHONO•TUNER• CD/AUX•TAPE-1
oS7	46556300	Push SW., REMOTE CONT./TAPE-2

2-9. F-4774 VOLUME Control & LOUDNESS SW. Board

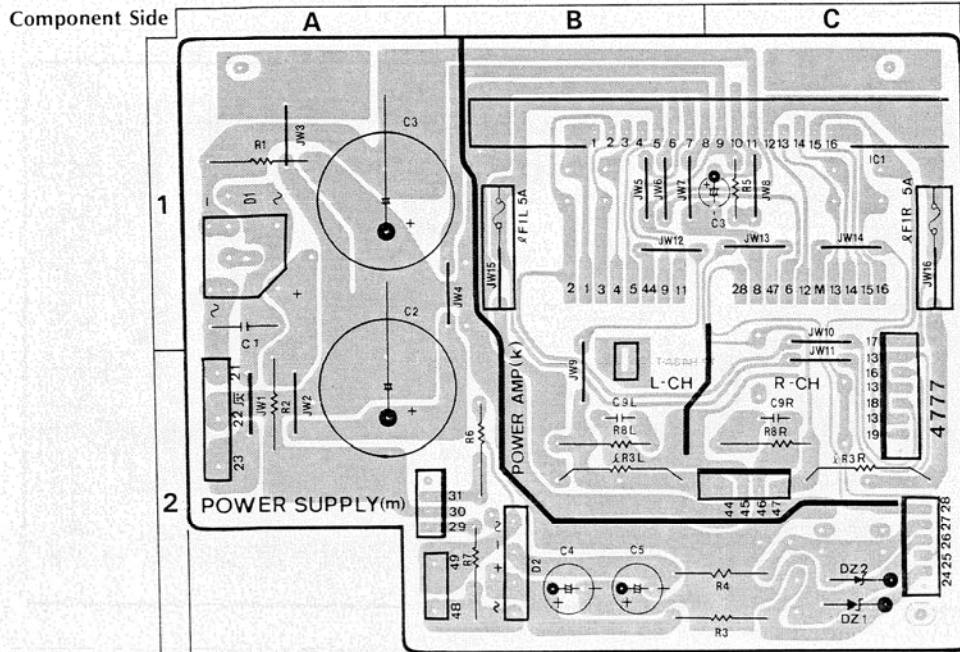
Component Side



Parts List

Parts No.	Stock No.	Description
jFL1	48172000	CR Module (TCB09T0009)
jVR1	48171000	150kΩ (B) V.R., VOLUME
oS5	48183000	Push SW., LOUDNESS

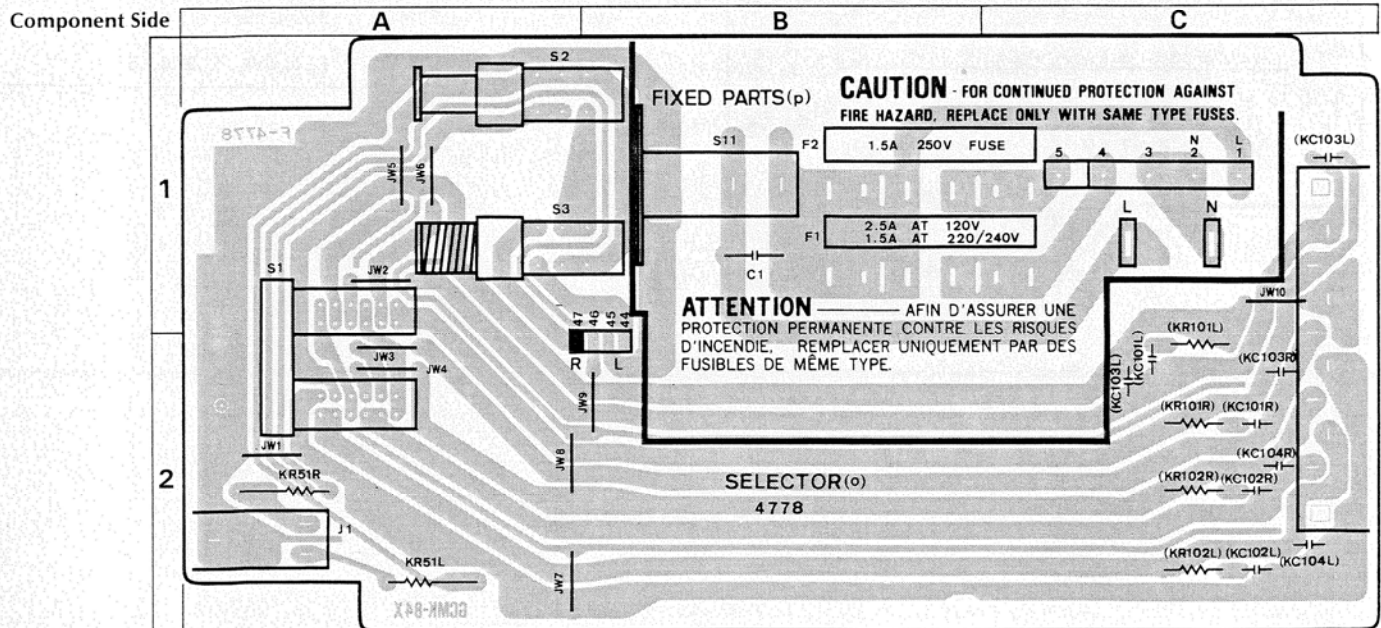
2-10. F-4777 Power Supply & Power Amp. Board (Stock No. 00868301)



Parts List

Parts No.	Stock No.	Description	Parts No.	Stock No.	Description
•IC			•Zener Diode		
△KIC1	48065400	STK4913	mDZ1	46103600	05Z12-X
△KR5	46229000	100Ω 1/2W N.I.R.	or 46103700		05Z12-Y
△KR8	46248100	10Ω 1/2W N.I.R.	mDZ2	46103600	05Z12-X
△KR9	46229000	100Ω 1/2W N.I.R.	or 46103700		05Z12-Y
KC9	46281300	0.047μF 50V F.C.	△mR1	46251400	5.6kΩ 1W N.I.R.
△IR3	46621100	0.22Ω 2W N.I.R.	△mR2	46251400	5.6kΩ 1W N.I.R.
•Diode			△mR3	46249800	270Ω 1W N.I.R.
△mD1	48177400	DBA40-C	△mR6	46248700	33Ω 1W N.I.R.
△mD2	03117000	RB152-LFF	△mR7	46248700	33Ω 1W N.I.R.
			mC1	08680400	0.01μF 500V C.C.
			mC2	46395200	4700μF 56V E.C.
			mC3	46395200	4700μF 56V E.C.

2-11. F-4778 SPEAKERS Terminal, POWER & SPEAKERS SW. Board



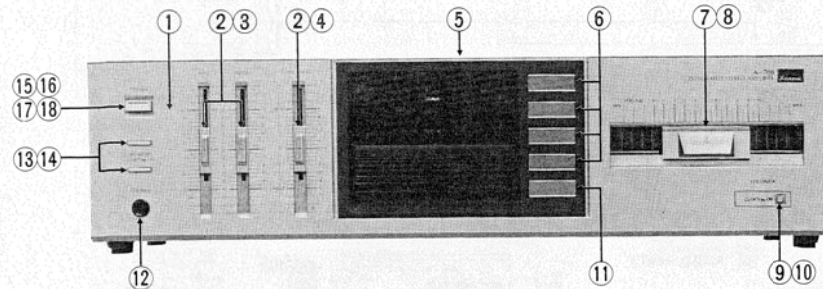
Parts List <F-4775>

Parts No.	Stock No.	Description
△KR51	46229400	220Ω 1/2W N.I.R.
△KR101	46248100	10Ω 1/2W N.I.R.
△KR102	46248100	10Ω 1/2W N.I.R.
oS1	48170900	Push SW., SPEAKERS
oS2	46414000	Push SW., Mute SW. (POWER)
oS3	46360800	Push SW., Mute SW. (POWER)
oJ1	46265700	Jack, PHONES
oZ4	46947500	8P Terminal Board, SPEAKERS
△pC1	46425800	0.01μF 400V C.C.
△	or 46943200	0.01μF 400V C.C.
△	or 48186700	0.01μF 400V C.C.

Parts No.	Stock No.	Description
△pF1	07189000	4.0A 250V Fuse, (120V) <XX·UL·CSA>
△	07188600	2.0A 250V Fuse, (220V/240V) <XX>·(120V/220V/240V) <XX·V>
△	07184800	1.25A 250V Fuse, (220V/240V) <EU·BS·AS>
△pF2	07188600	2.0A 250V Fuse, (120V/220V/240V) <XX·V>
△pS11	46364300	Push SW., POWER

3. OTHER PARTS

3-1. Front View

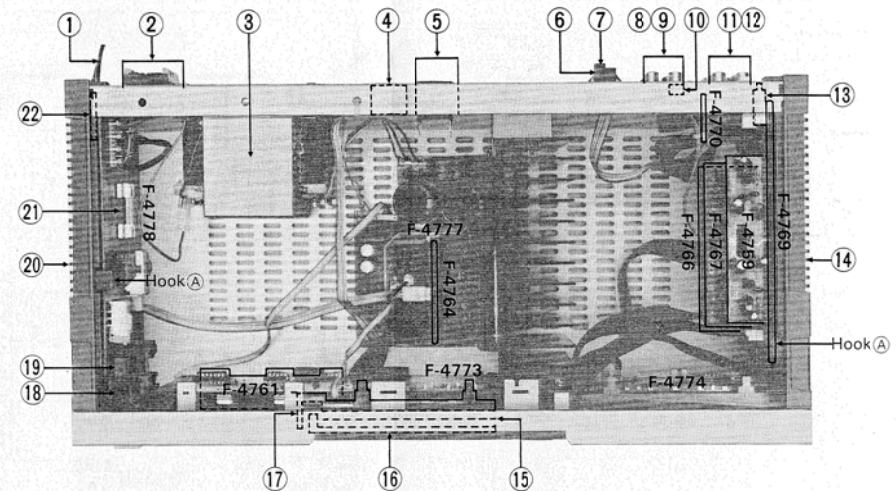


Parts List <Front View>

Parts No.	Stock No.	Description
1	47796700	Front Panel Ass'y for A-700 Silver Model <XX·XX·V·UL·EU·BS·AS>
	47796600	Front Panel Ass'y for A-700 Black Model <XX·XX·V·UL·EU·BS·AS>
	47866600	Front Panel Ass'y for A-700 Silver Model <CSA>
	47866700	Front Panel Ass'y for A-700 Black Model <CSA>
	47884800	Front Panel Ass'y for A-730
	47884900	Front Panel Ass'y for CLASSIQUE A-730
2	47732900	Slide Knob, BASS·TREBLE·BALANCE
3	48171200	50kΩ(C) Slide V.R., BASS·TREBLE
4	48171100	250kΩ Slide V.R., BALANCE
5	47874500	Bonnet for A-700 Silver Model
	47874600	Bonnet for A-700 Black Model·A-730·CLASSIQUE A-730
6	48178600	Push SW., PHONO·TUNER·CD/AUX TAPE-1
7	47761400	Knob Ass'y, VOLUME for A-700 Silver Model
	47761500	Knob Ass'y, VOLUME for A-700 Black Model·A-730·CLASSIQUE A-730

Parts No.	Stock No.	Description
8	48171000	150kΩ(B) V.R., VOLUME
9	47763400	Push Knob, LOUDNESS for A-700 Silver Model
	47763500	Push Knob, LOUDNESS for A-700 Black Model·A-730·CLASSIQUE A-730
10	48183000	Push SW., LOUDNESS
11	46556300	Push SW., REMOTE CONT./TAPE-2
12	46265700	Jack, PHONES
13	47716800	Push Knob, SPEAKERS for A-700 Silver Model
	07911000	Push Knob, SPEAKERS for A-700 Black Model·A-730·CLASSIQUE A-730
14	48170900	Push SW., SPEAKERS
15	47746800	Push Knob, POWER for A-700 Silver Model
	47746900	Push Knob, POWER for A-700 Black Model·A-730·CLASSIQUE A-730
△16	46364300	Push SW., POWER
17	46414000	Push SW., Mute SW.
18	46360800	Push SW., Mute SW.

3-2. Top View

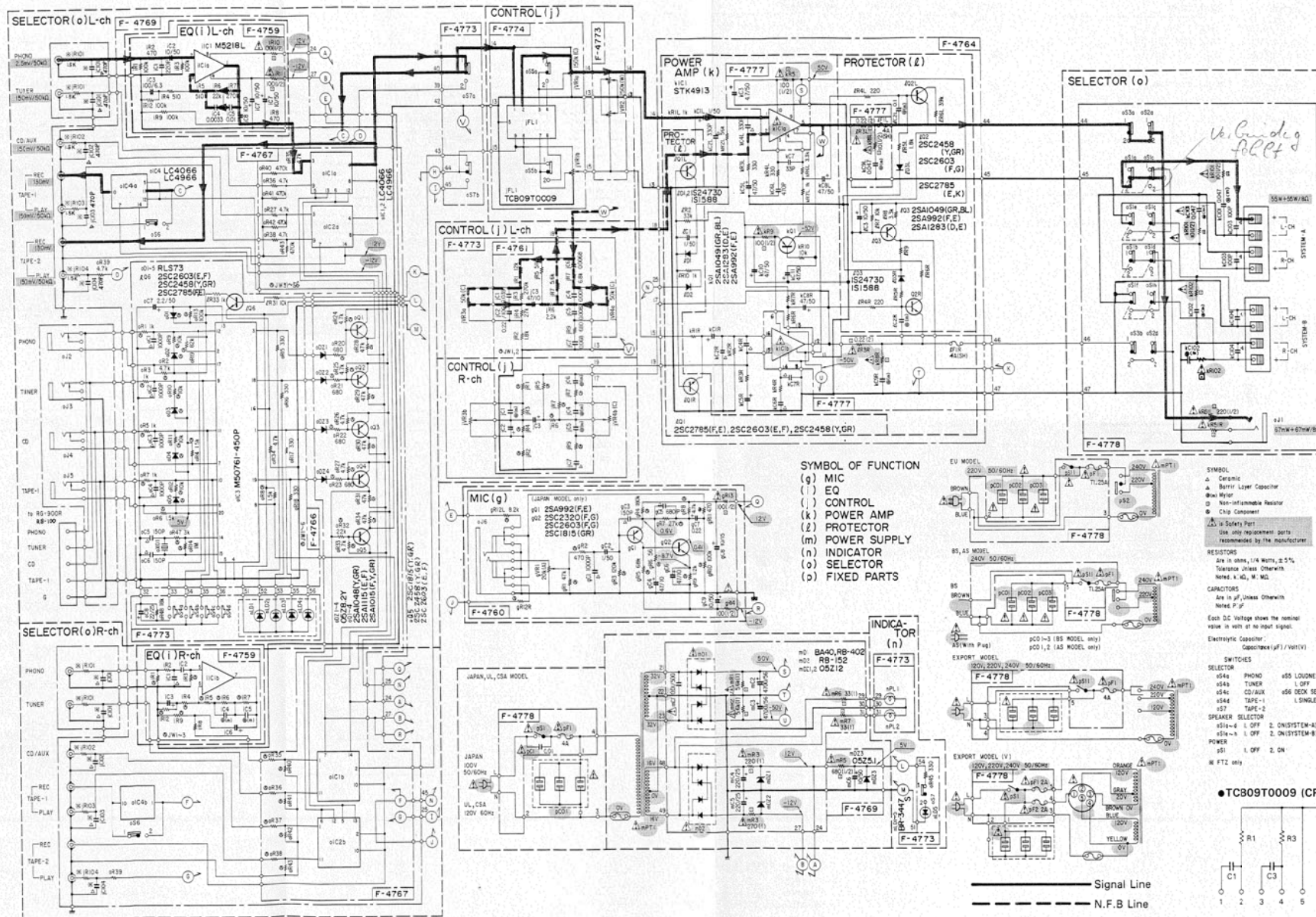


Parts List <Top View>

Parts No.	Stock No.	Description
△1	38004700	Power Supply Cord <XX·XX·V·UL>
△	48187800	Power Supply Cord <CSA>
△	38004500	Power Supply Cord <EU>
△	38004300	Power Supply Cord <BS>
△	07204200	Power Supply Cord <AS>
2	46947500	8P Terminal Board, SPEAKERS
△3	15020001	Power Transformer <XX>
△	15020002	Power Transformer <UL·CSA>
△	15020005	Power Transformer <EU·BS·AS>
△	15020009	Power Transformer <XX·V>
4	48175200	Voltage Selector <XX·V>
△	07204700	Slide SW., Voltage Selector <EU·BS·AS>
△5	46360100	AC Outlet <XX·XX·V·UL>
△	48184800	AC Outlet <CSA>
△	46161000	AC Outlet <EU>
△	46364800	AC Outlet <BS>
△	46580600	AC Outlet <AS>
6	48197700	5P Terminal Board (with wire), REMOTE CONTROL
7	22301510	GND Terminal
8	46438100	2P Terminal Board, PHONO
9	46363700	2P Terminal Board, TUNER
10	46547200	Jack, COMPU SELECTOR
11	46371500	4P Terminal Board, CD/AUX TAPE-1 (REC)

Parts No.	Stock No.	Description
12	46546800	6P Terminal Board, TAPE-1 (PLAY) TAPE-2
13	46670600	Push SW., DECK SELECTOR
14	47768700	Right Side Panel Ass'y for A-700 Silver Model
	47874800	Right Side Panel Ass'y for A-700 Black Model·A-730·CLASSIQUE A-730
15	47796400	Illumination Plate
16	47796300	Display Plate
17	47822400	Illumination Holder
18	47763900	Joint Shaft (1), POWER
19	07934000	Joint Shaft (2), POWER
20	47768800	Left Side Panel Ass'y for A-700 Silver Model
	47874900	Left Side Panel Ass'y for A-700 Black Model·A-730·CLASSIQUE A-730
△21	07189000	4.0A 250V Fuse, (120V) <XX·UL·CSA>
△	07188600	2.0A 250V Fuse, (220V/240V) <XX>·(120V/220V/240V) <XX·V>
△	07184800	1.25A 250V Fuse, (220V/240V) <EU·BS·AS>
22	47770900	Power Supply Cord Cover

4. SCHEMATIC DIAGRAM



2SA992 2SA1048
2SA1015 2SA1115
2SA1049 2SC2458
2SA1283 2SC2603
2SC1815

2SC2785 M5218L
LC4066BH
LC4966
M50761-450P
Set or Slot or Line

STK4913

RB152-LFF

DBA40-C RLS-73

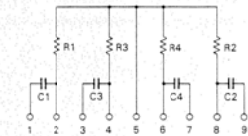
1S1588
1S2413

BR3447S

05Z5.1
05Z5.2
05Z1.2

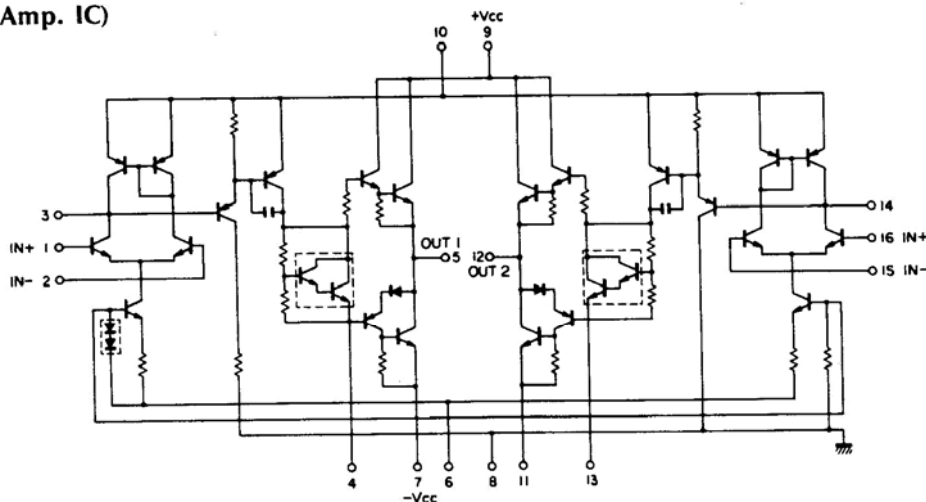
TCB09T0009

●TCB09T0009 (CR Module)

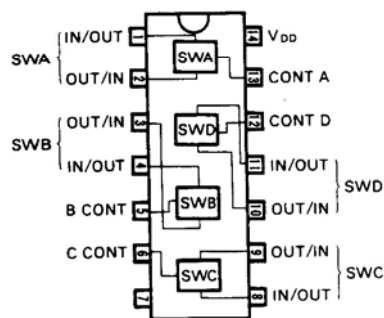


5. INTERIOR BLOCK DIAGRAM OF IC

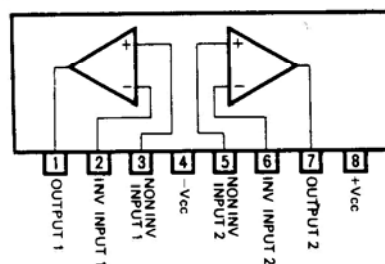
•STK4913 (Power Amp. IC)



•LC4966/LC4066BH (Quad Bi-lateral SW. IC)



•M5218L (Audio Pre Amp. IC)

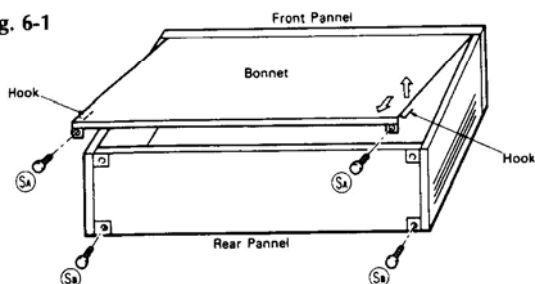


6. MAIN PARTS REPLACEMENT

A. Bonnet (See Fig. 6-1)

- 1) Remove two screws ⑤.
- 2) Pull the rear side of the bonnet to remove the hooks and then remove bonnet.

Fig. 6-1



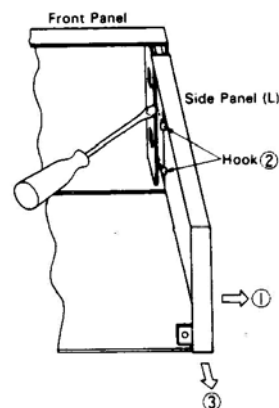
B. Bottom Plate

- 1) Remote two screws ⑤ (Fig. 6-1).
- 2) Pull the rear side of the bonnet to remove the hooks and then remove bottom plate.

C. Side Panel L (R) (See 3-2. Top View on Page 8 & Fig. 6-2)

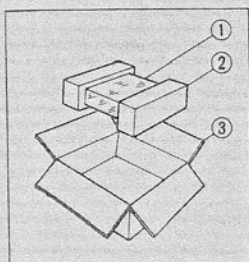
- 1) Remove bonnet and bottom plate.
- 2) Push up hooks ① (upper side & bottom side) of side panel ass'y and separate F-4778 (or F-4769) board from side panel ass'y.
- 3) Shift the position of the side panel L (R) 1.5cm in the arrow direction ①.
- 4) Remove the hooks ② of the side panel from front panel and then pull it the arrow direction ③ to remove the side panel L (R).

Fig. 6-2



7. PACKING LIST

Parts No.	Stock No.	Description
1	47859900	Vinyl Cover
2	47764600	Styrofoam Packing
3	47796000	Carton Case for A-700 Silver Model <XX•UL•CSA•EU•BS•AS>
	47795900	Carton Case for A-700 Black Model <XX•UL•CSA•EU•BS•AS>
	47795800	Carton Case for A-700 Silver Model <XX-V>
	47795700	Carton Case for A-700 Black Model <XX-V>
	47888100	Carton Case for CLASSIQUE A-730
	47887800	Carton Case for A-730



8. ACCESSORY LIST

Stock No.	Description
46967300	Operating Instruction for A-700
46968000	Operating Instruction for A-730
46967400	Operating Instruction for CLASSIQUE A-730

•Note: XX-V<EXPORT (V)> Standard Version with Inner Voltage Selector.
("V" mark is indicated on the carton case.)



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SANSUI ELECTRONICS CORPORATION:
SANSUI ELECTRONICS (U.K.) LTD.:
SANSUI ELECTRONICS G.M.B.H.: