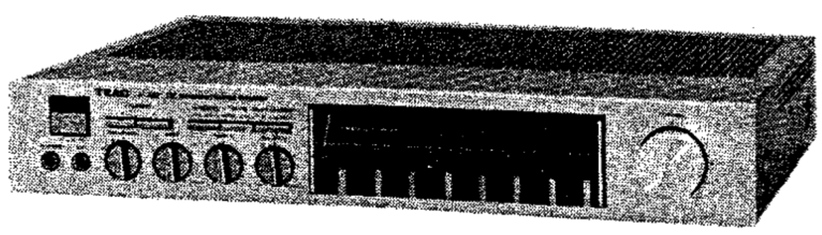
TEAC®



SERVICE MANUAL

A-707/A-505

DC Integrated Stereo Amplifier

Effective: July, 1982

5704014400

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1 SPECIFICATIONS

A-707

Type DC Integrated Stereo Amplifier

Rated Output Power

(Both Channele, 8 ohms)

55 W + 55 W (1 kHz, 0.1% T.H.D.)

50 W + 50 W (30 Hz ~ 20 kHz, 0.05% T.H.D.)

Total Harmonic Distotion

0.05% (30 Hz ~ 20 kHz, at 50 W + 50 W Output Power)

Output Bandwidth

IHF, –3 dB, 10 Hz ~ 50 kHz

Frequency Response

TUNER/AUX/TAPE 1, 2 to SP out 10 Hz ~ 55 kHz + 0, –2 dB

PHONO to REC OUT, 20 Hz ~ 20 kHz ±0.5 dB (RIAA)

Input Sensitivity

PHONO MC 220 μV/100 ohms

PHONO MM 2.5 mV/47 k ohms

TUNER/AUX/TAPE 1, 2 150 mV/47 k ohms

MIC 0.775 mV/4.7 k ohms

Rated Output Voltage/Impedance

TAPE REC 1, 2 150 mV/47 k ohms

Signal-to-Noise Ratio

(IHF A Network, Short Circuit)

PHONO MC 66 dB

PHONO MM 75 dB

TUNER/AUX/TAPE 1, 2 92 dB

Tone Control

Base ±10 dB, 100 Hz

Treble ±10 dB, 10 kHz

Subsonic Filter

15 Hz, 6 dB/oct

Muting 20 dB

Power Requirementes

100/120/220/240 V AC 50/60 Hz, 98 W (General Export Model)

120 V AC 60 Hz, 230 VA (Canad Model)

220 V AC 50 Hz, 260 W (Europe Model)

240 V AC 50 Hz, 350 W (U.K./Aus. Model)

Dimensions (W x H x D)

432 x 72 x 298 mm (17" x 2-13/16" x 11-3/4")

Weight 5.5 kg (12-2/16 lbs) net

A-505

Type DC Integrated Stereo Amplifier

Rated Output Power

(Both channel, 8 ohms)

33 W + 33 W (1 kHz, 0.1% T.H.D.)

30 W + 30 W (30 Hz ~ 20 kHz, 0.06% T.H.D.)

Total Harmonic Distortion

0.06% (30 Hz ~ 20 kHz at 30 W + 30 W Output Power)

Output Bandwidth

IHF, –3 dB, 10 Hz ~ 50 kHz

Frequency Response

TUNER/AUX/TAPE to SP out 10 Hz ~ 55 kHz + 0, –2 dB

PHONO to REC OUT, 20 Hz ~ 20 kHz ±0.5 dB (RIAA)

Input Sensitivity

PHONO MM 2.5 mV/47 k ohms

TUNER/AUX/TAPE 150 mV/47 k ohms

Rated Output Voltage/Impedance

TAPE REC 150 mV/47 k ohms

Signal-to-Noise Ratio

(IHF A Network, Short Circuit)

PHONO MM 75 dB

TUNER/AUX/TAPE 92 dB

Tone Control

Bass ±10 dB, 100 Hz

Treble ±10 dB, 10 kHz

Power Requirements

100/120/220/240 V AC 50/60 Hz, 60 W (General Export Model)

120 V AC 60 Hz, 150 VA (Canada Model)

220 V AC 50 Hz, 160 W (Europe Model)

240 V AC 50 Hz, 210 W (U.K./Aus. Model)

Dimensions (W x H x D)

432 x 72 x 298 mm (17" x 2-13/16" x 11-3/4")

Weight 5.0 kg (11 lbs) net

- Improvements may result in specification or feature changes without notice.
- Photos may differ slightly from production models.

NOTES

1. **In this manual, 0 dB is referenced to 1 V.**
2. ⚠ Parts marked with this sign are safety critical components. They must always be replaced with identical components – refer to the appropriate parts list and ensure exact replacements.
3. PC boards shown are viewed from foil side.

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2 ADJUSTMENTS

A-707 only

2-1 INITIAL SETTINGS

Without applying AC power, set the controls as shown below.

Control	Position or Setting
SPEAKERS	A
SUBSONIC	OUT
MODE	ST
MUTING	OUT
MIC MIXING	0
BASS	0
TREBLE	0
BALANCE	0
TAPE COPY	OUT

Control	Position or Setting
TAPE 1	OUT
TAPE 2	OUT
TUNER	OUT
AUX	IN
PHONO MM	OUT
PHONO MC	OUT
LOUDNESS	OUT
VOLUME	MIN

2-2 ADJUSTMENTS LOCATION

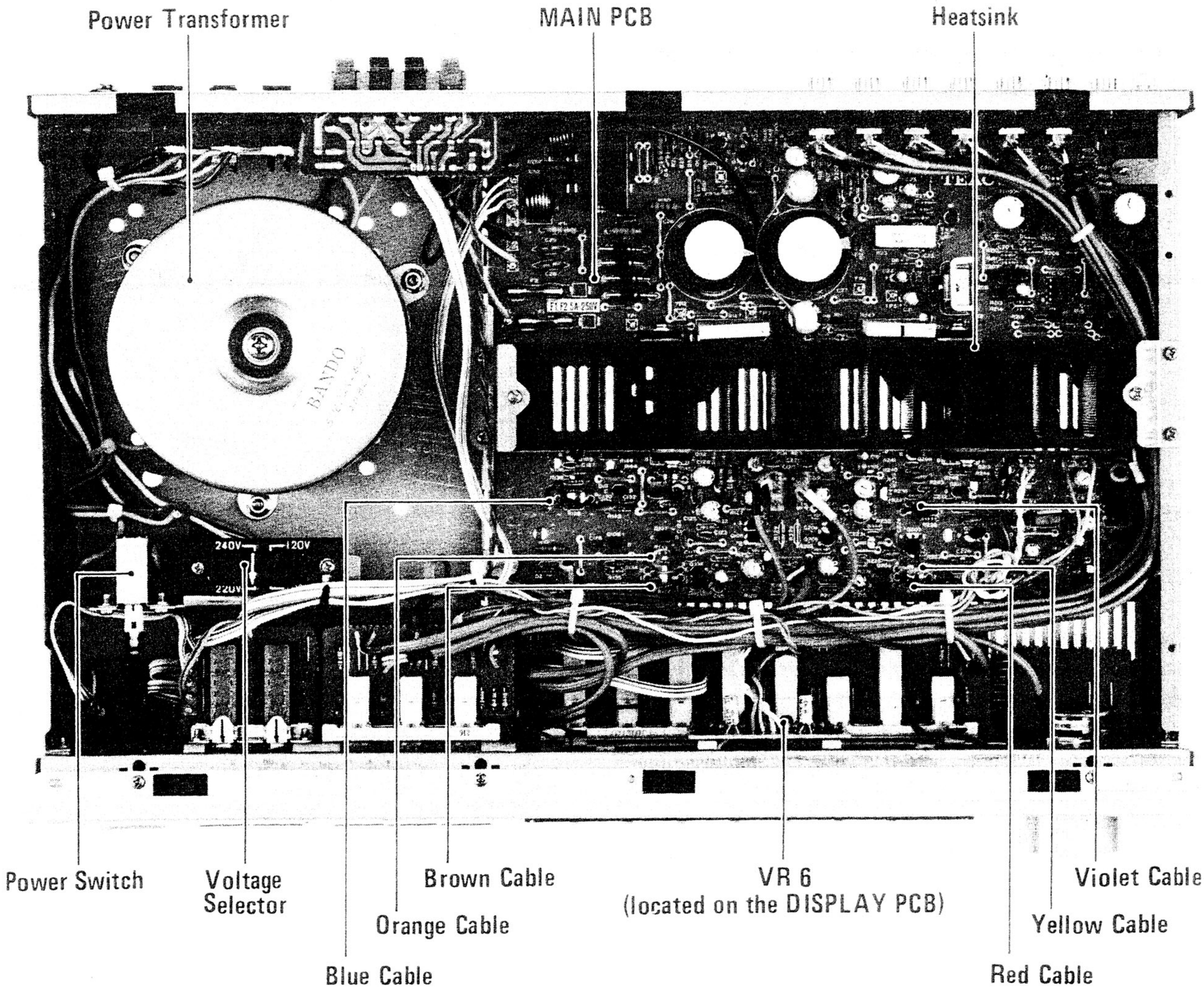

Fig. 2-1

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2-3 DC BALANCE CHECK

1. Connect the DC voltmeter to SPEAKERS A terminal.
2. Depress POWER switch to ON.
3. Confirm the DC voltmeter indication within 0 V ±50 mV.
4. If the DC voltmeter indicates over +50 mV, cut the orange cable between 3 and 3 terminals (for L-ch) or the yellow cable between 4 and 4 terminals (for R-ch) on the MAIN PCB.
5. If the DC voltmeter indicates less than -50 mV, cut the brown cable between 1 and 1 terminals (for L-ch) or the red cable between 2 and 2 terminals (for R-ch) on the MAIN PCB.

2-4 IDLING CURRENT CHECK

1. Connect the DC voltmeter between TP-3 (L-ch)/TP-5 (R-ch) and TP-1 (L-ch)/TP-6 (R-ch).
2. Confirm the DC voltmeter indication within 5 mV when POWER is ON after 10 seconds.
3. If the DC voltmeter indicates over 5 mV cut the blue cable between 6 and 6 terminals for LEFT channel or the violet cable between 7 and 7 terminals for RIGHT channel on the MAIN PCB.
4. After the above procedures, allow 10 minites for the amplifier to warm up completely.
5. Confirm the DC voltmeter indication which should be within 2 to 25 mV.

2-5 PEAK LEVEL DISPLAY ADJUSTMENT

1. Connect the AC voltmeter to SPEAKERS A terminal.
2. Set the VOLUME control to MAX.
3. Apply a 1 kHz input signal to provide an output voltage of 25 V to the AUX terminal.
4. Adjust VR6 on the DISPLAY PCB so that the 50 W LED in the PEAK LEVEL DISPLAY lights up with the full intensity, but the 100 W LED do not light.

2-6 REALY OPERATION CHECK

1. Apply 1 kHz/150 mV (-16.5 dB) to the AUX terminal.
2. Adjust the VOLUME control so that output voltage is 1 V at the SPEAKER terminal.
3. Apply a +2.5 V or -2.5 V DC to the TP-7 to couse the realy RY1 to break immediately.
4. Remove the DC signal from the TP-7.
5. Adjust the VOLUME control so that output voltage is 0.5 V at the SPEAKER terminal.
6. Shortcircuit the SPEAKER terminal between + and – so that the relay RY1 break immediately.

3 VOLTAGE CONVERSION
(FOR GENERAL EXPORT MODELS)

BE SURE TO REMOVE THE POWER CORD FROM THE AC OUTLET BEFORE REMOVING THE METAL COVER AND REPOSITIONING THE VOLTAGE CONVERSION PLUG.

1. Remove the metal housing covering the top and sides of the unit by removing the screws from each side of the metal cover.
2. Locate the voltage selector plug on the left side of the unit.
3. Remove the plug by pulling it out, then re-insert it so that the arrow on the plug is aligned with the white line indicating the proper voltage.
4. Replace the cover.

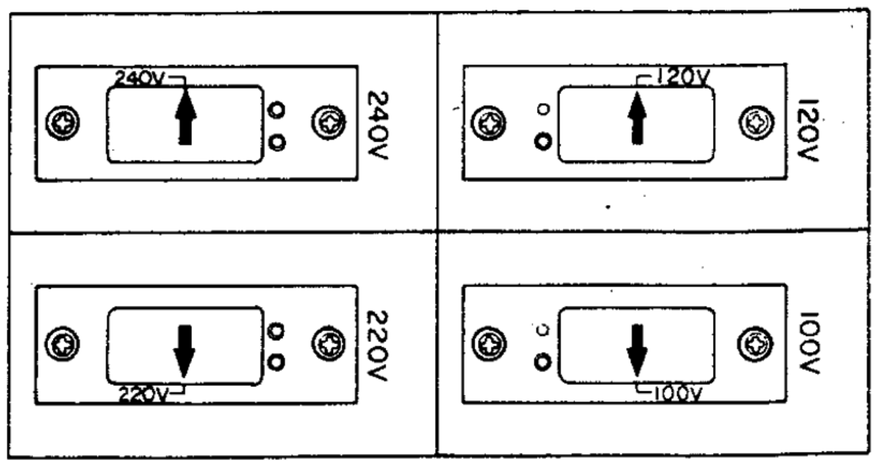

Fig. 3-1

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4 BLOCK DIAGRAM

A-707

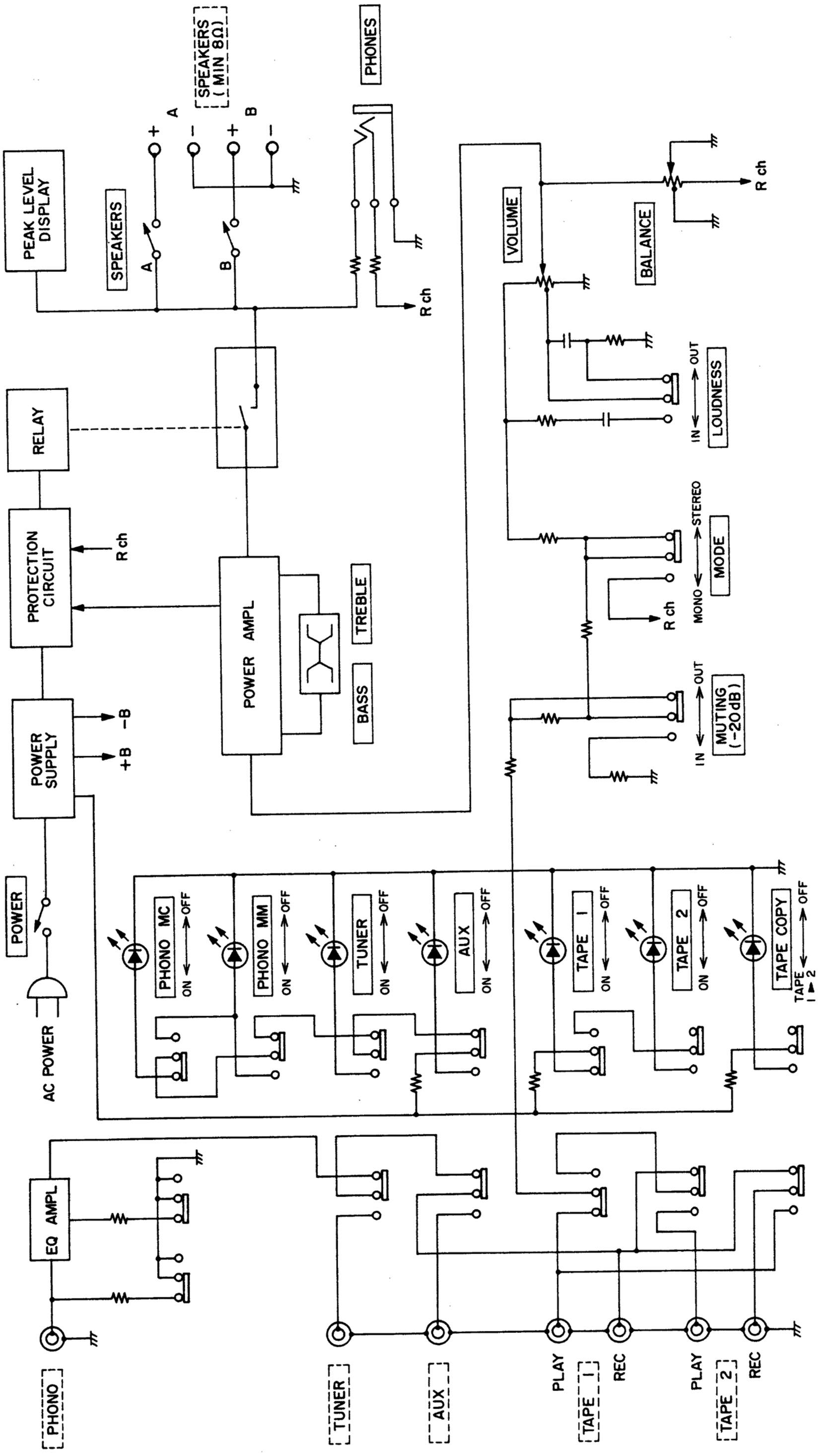

Fig. 4-1

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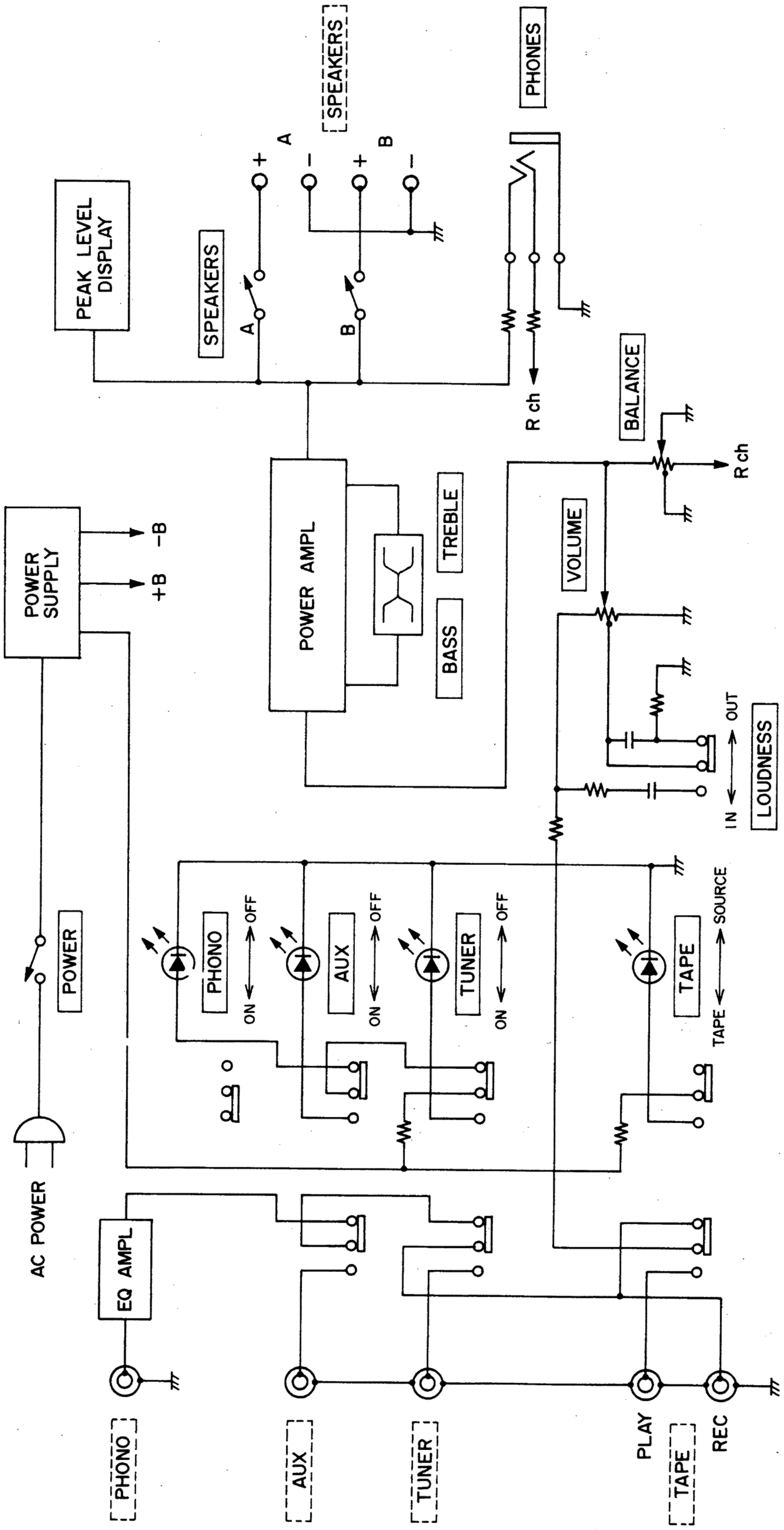

Fig. 4-2

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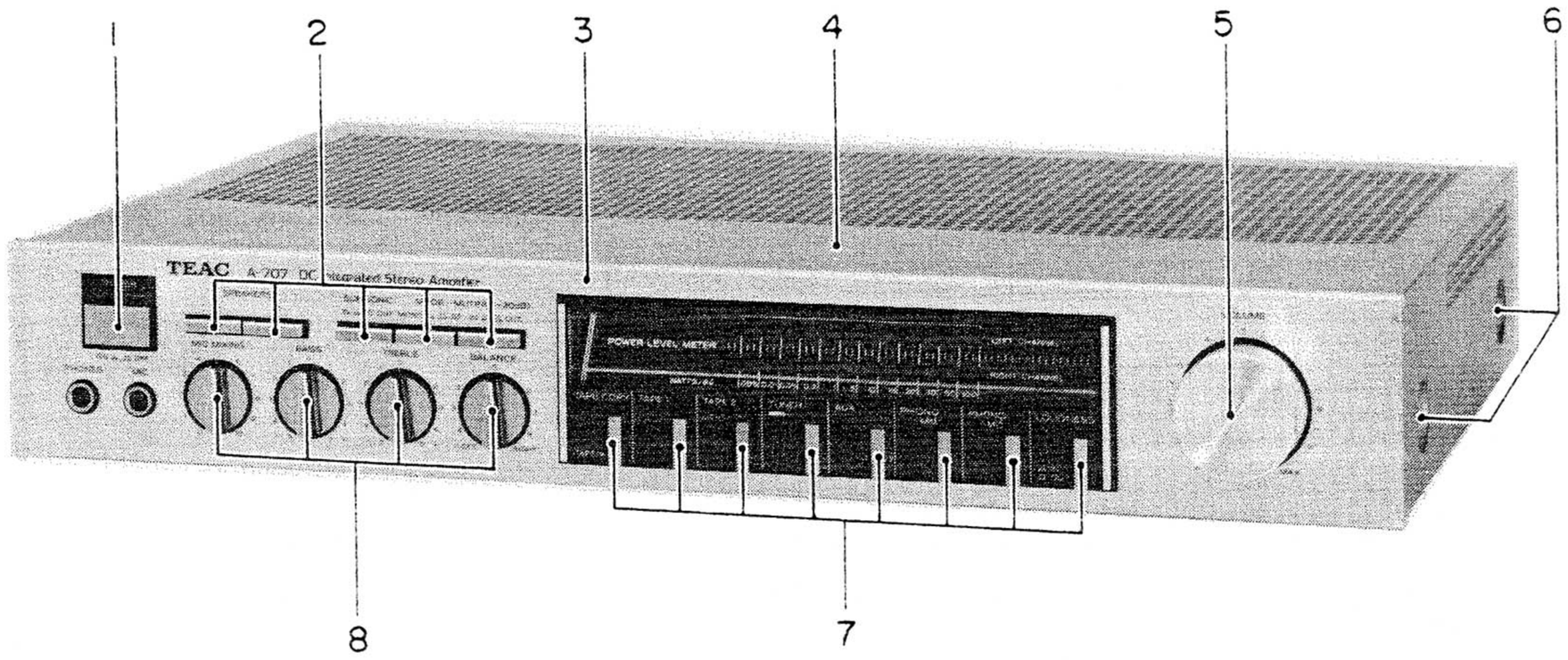
5 PARTS LOCATION AND PARTS LIST

A-707

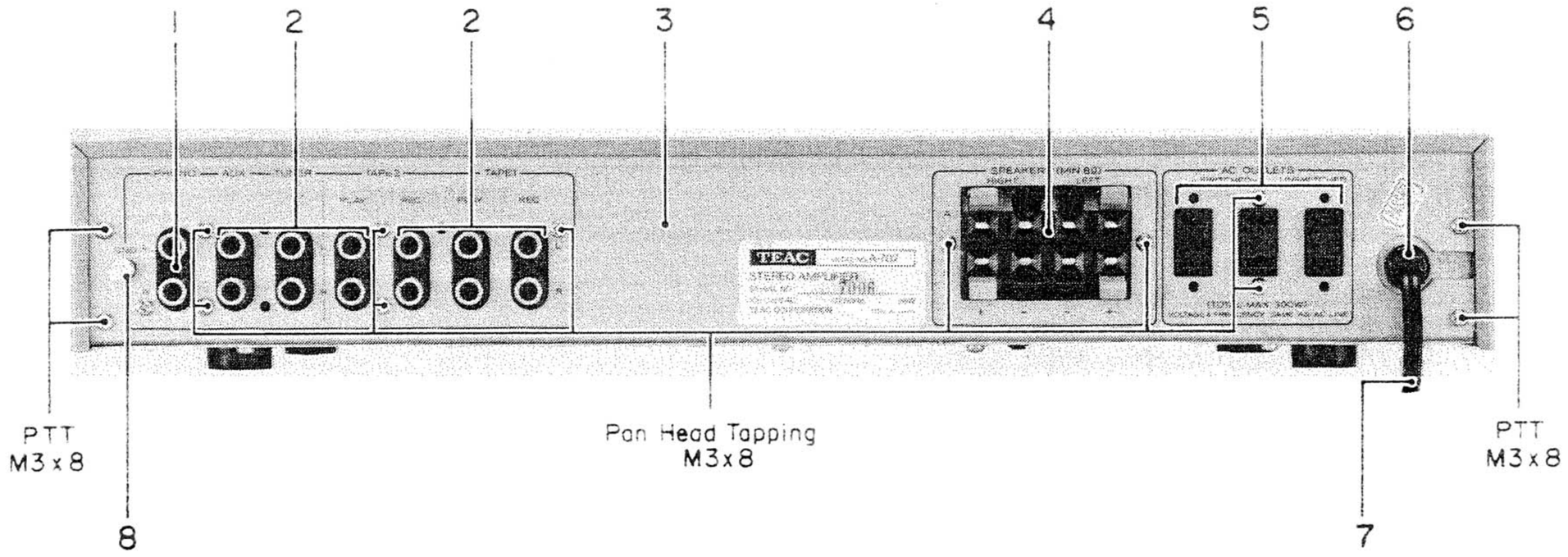
PARTS LOCATION-1



Parts marked with *require longer deliver time.

REF. NO.	PARTS NO.	DESCRIPTION	REMARKS
1 - 1	5800379500	Button, Power	
1 - 2	5800379100	Button, Push; A	
1 - 3	*5620078800	Panel Assy, Front	
1 - 4	*5760108100	Cover, Top; A	
1 - 5	5760242200	Knob, VR	
1 - 6	*5783114008	Screw, M4 x 8 (BLK)	
1 - 7	5800379200	Button, Push; B	
1 - 8	5760242100	Knob, Tone	

PARTS LOCATION-2



Parts marked with *require longer deliver time.

REF. NO.	PARTS NO.	DESCRIPTION	REMARKS
2 - 1	5760142100	Jack, Pin; 2P	
2 - 2	5330505200	Jack, Pin; 6P	
2 - 3	*5760246600	Panel, Rear; C [C, GE]	
	*5760246700	Panel, Rear; D [E, UK, A]	
2 - 4	*5760102700	Terminal, Push; 8P	
2 - 5	⚠*5760337200	Outlet, AC Power; 3P [C]	
	⚠*5760337300	Outlet, AC Power; 3P [GE]	
2 - 6	*5800136400	Strain Relief, Cord; 4P-4 [C, GE]	
	*5800136500	Strain Relief, Cord; 4K-4 [E, UK, A]	
2 - 7	⚠*5760098100	Cord, AC Power [C, GE]	
	⚠*5760098200	Cord, AC Power [E]	
	⚠*5760098300	Cord, AC Power [UK]	
	⚠*5760098400	Cord, AC Power [A]	
2 - 8	*5760081300	Nut, GND	
	*5785213000	Washer, Fiber (BLK) ϕ3 x ϕ6 x t0.5	

[C]: CANADA [GE]: GENERAL EXPORT [E]: EUROPE [UK]: U.K. [A]: AUSTRALIA

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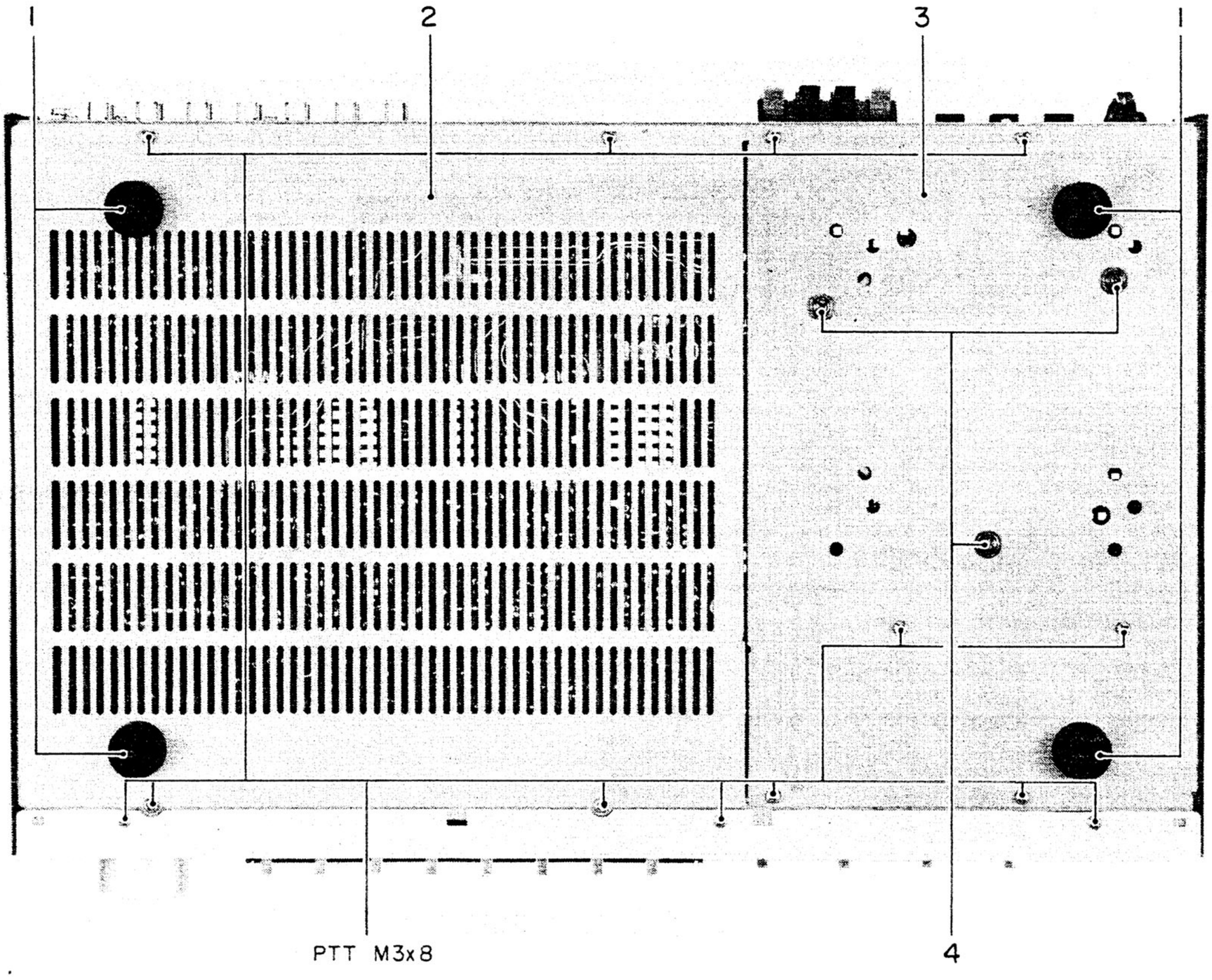
PARTS LOCATION-3



Parts marked with *require longer deliver time.

REF. NO.	PARTS NO.	DESCRIPTION	REMARKS
3 - 1	*5760241100	Foot	
3 - 2	*5760244100	Cover, Bottom; S	
3 - 3	*5760243700	Frame, Transformer	
3 - 4	*5783114008	Screw, M4 x 8 (BLK)	

INCLUDED ACCESSORY

REF. NO.	PARTS NO.	DESCRIPTION	REMARKS
	5700036400	A-707 Owner's Manual	

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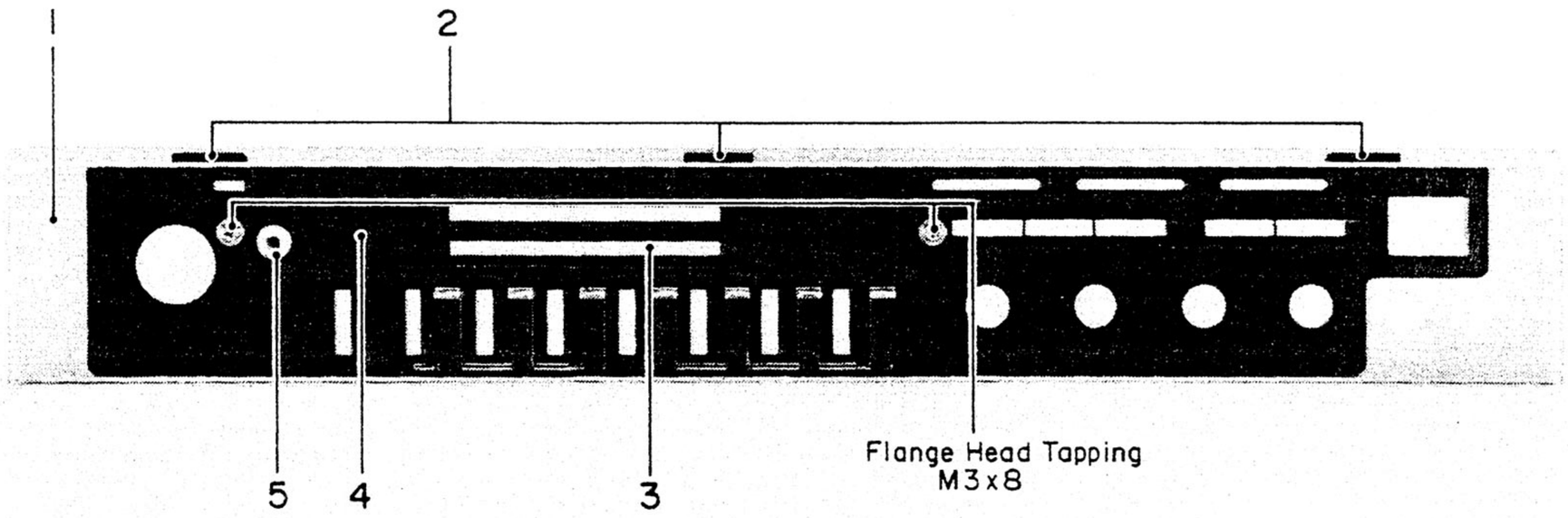
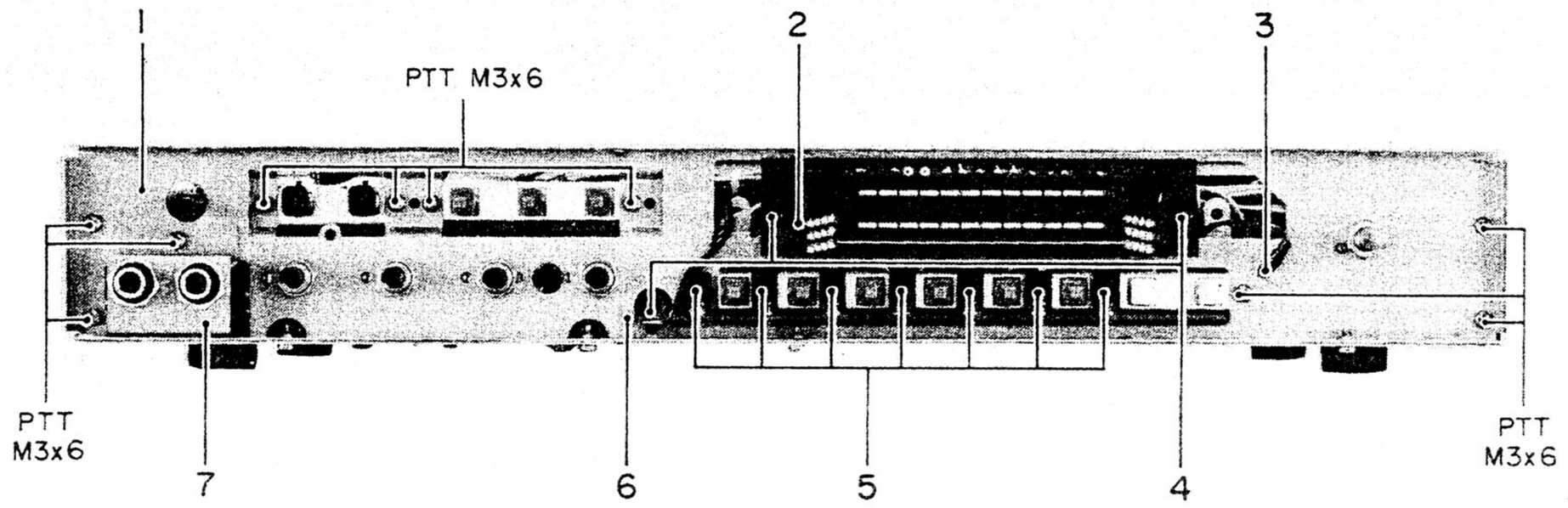
PARTS LOCATION-4



Parts marked with *require longer deliver time.

REF. NO.	PARTS NO.	DESCRIPTION	REMARKS
4 - 1	*5620078800	Panel Assy, Front	
4 - 2	*5760095500	Cushion, A	
4 - 3	*5760249100	Plate, Meter; Acrylic	
4 - 4	*5620078700	Escutcheon Assy, Meter	
4 - 5	*5760256000	Bush, Rubber	

PARTS LOCATION-5



Parts marked with *require longer deliver time.

REF. NO.	PARTS NO.	DESCRIPTION	REMARKS
5 - 1	*5760243000	Chassis, Front	
5 - 2	5760339600	Meter Assy, Power Level	
5 - 3	5760338700	Lamp, 9V 150mA (GRN)	
5 - 4	*5534878000	Rivet, Push	
5 - 5	*5760243600	Holder, LED	
5 - 6	*5760316500	PCB Assy, TAPE LED [C]	
	*5760316510	PCB Assy, TAPE LED [All except C]	
5 - 7	*5760243900	Bracket, Jack	

[C]: CANADA [GE]: GENERAL EXPORT [E]: EUROPE [UK]: U.K. [A]: AUSTRALIA

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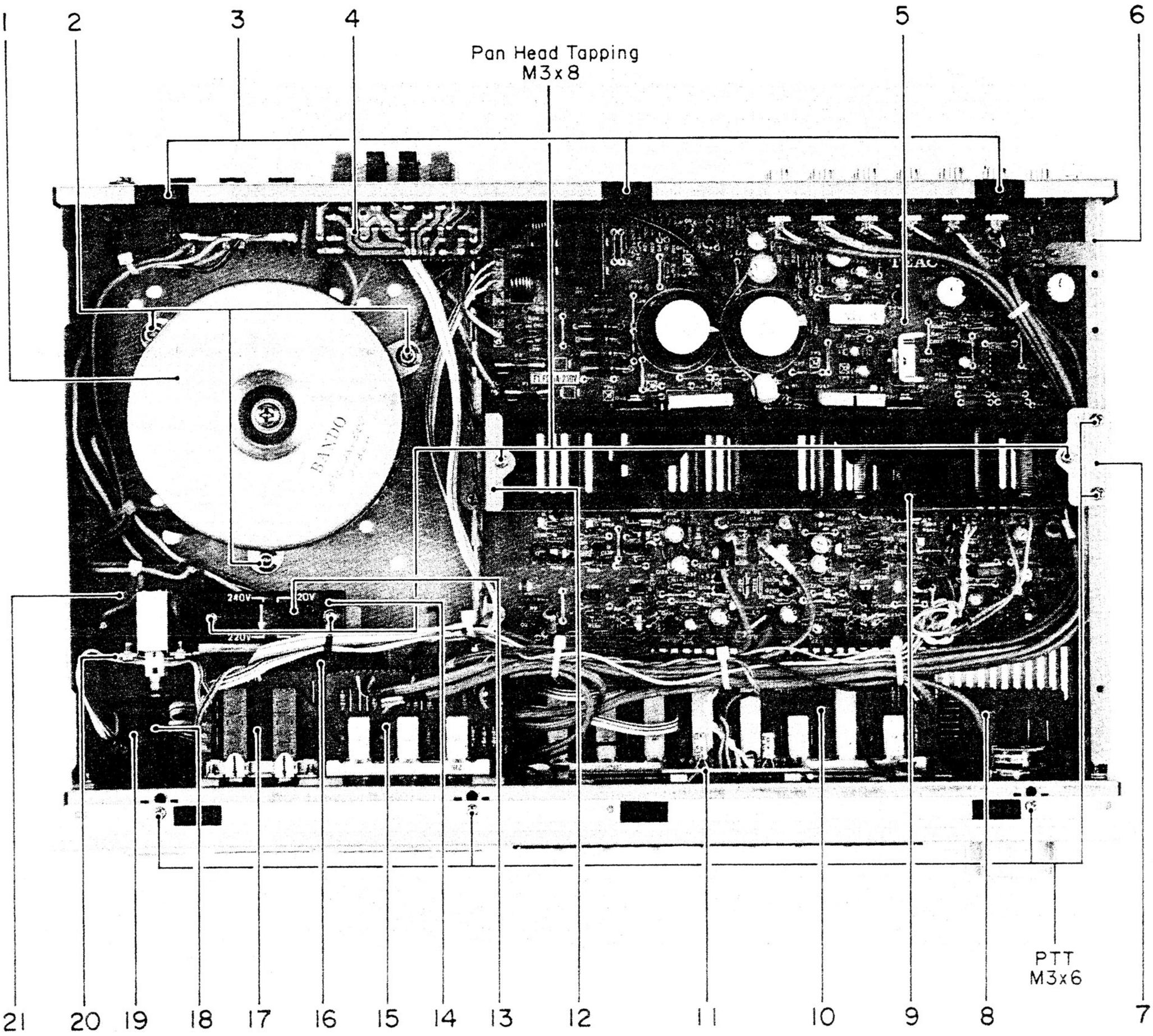
PARTS LOCATION-6



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Parts marked with *require longer deliver time.

REF. NO.	PARTS NO.	DESCRIPTION	REMARKS
6 - 1	⚠*5760250500	Transformer, Power [C]	
	⚠*5760250600	Transformer, Power [GE]	
	⚠*5760250700	Transformer, Power [E]	
	⚠*5760250800	Transformer, Power [UK, A]	
6 - 2	*5781904000	Nut, M4	
6 - 3	*5760095600	Cushion, B	
6 - 4	*5760316900	PCB Assy, SPEAKER TERMINAL [C]	
	*5760316910	PCB Assy, SPEAKER TERMINAL [E]	
	*5760316920	PCB Assy, SPEAKER TERMINAL [GE, UK, A]	
6 - 5	*5760316300	PCB Assy, MAIN [C]	
	*5760316310	PCB Assy, MAIN [E]	
	*5760316320	PCB Assy, MAIN [GE, UK, A]	
6 - 6	*5760092600	Frame, Side	
6 - 7	*5760108800	Bracket, Heatsink; R	
6 - 8	*5760316600	PCB Assy, VOLUME [C]	
	*5760316610	PCB Assy, VOLUME [All except C]	
6 - 9	*5760121500	Heatsink, B	
6 - 10	*5760316400	PCB Assy, SELECTOR SW [C]	
	*5760316410	PCB Assy, SELECTOR SW [All except C]	
6 - 11	*5760318000	PCB Assy, DISPLAY [C]	
	*5760318010	PCB Assy, DISPLAY [All except C]	
6 - 12	*5760108700	Bracket, Heatsink; L	
6 - 13	⚠*5133014000	Plug, Voltage Selector [GE]	
6 - 14	⚠*5332011200	Socket, Voltage Selector [GE]	
6 - 15	*5760317000	PCB Assy, MUTING [C]	
	*5760317010	PCB Assy, MUTING [All except C]	
6 - 16	*5760316700	PCB Assy, TONE & MIC [C]	
	*5760316710	PCB Assy, TONE & MIC [All except C]	
6 - 17	*5760317100	PCB Assy, SPEAKER SW [C]	
	*5760317110	PCB Assy, SPEAKER SW [All except C]	
6 - 18	*5760093900	Rod, Power Switch	
6 - 19	*5760316800	PCB Assy, JACK [C]	
	*5760316810	PCB Assy, JACK [All except C]	
6 - 20	*5760243800	Bracket, Power Switch	
6 - 21	*5760318000	PCB Assy, POWER SWITCH [C]	
	*5760318010	PCB Assy, POWER SWITCH [GE]	
	*5760318020	PCB Assy, POWER SWITCH [E]	
	*5760318030	PCB Assy, POWER SWITCH [UK, A]	

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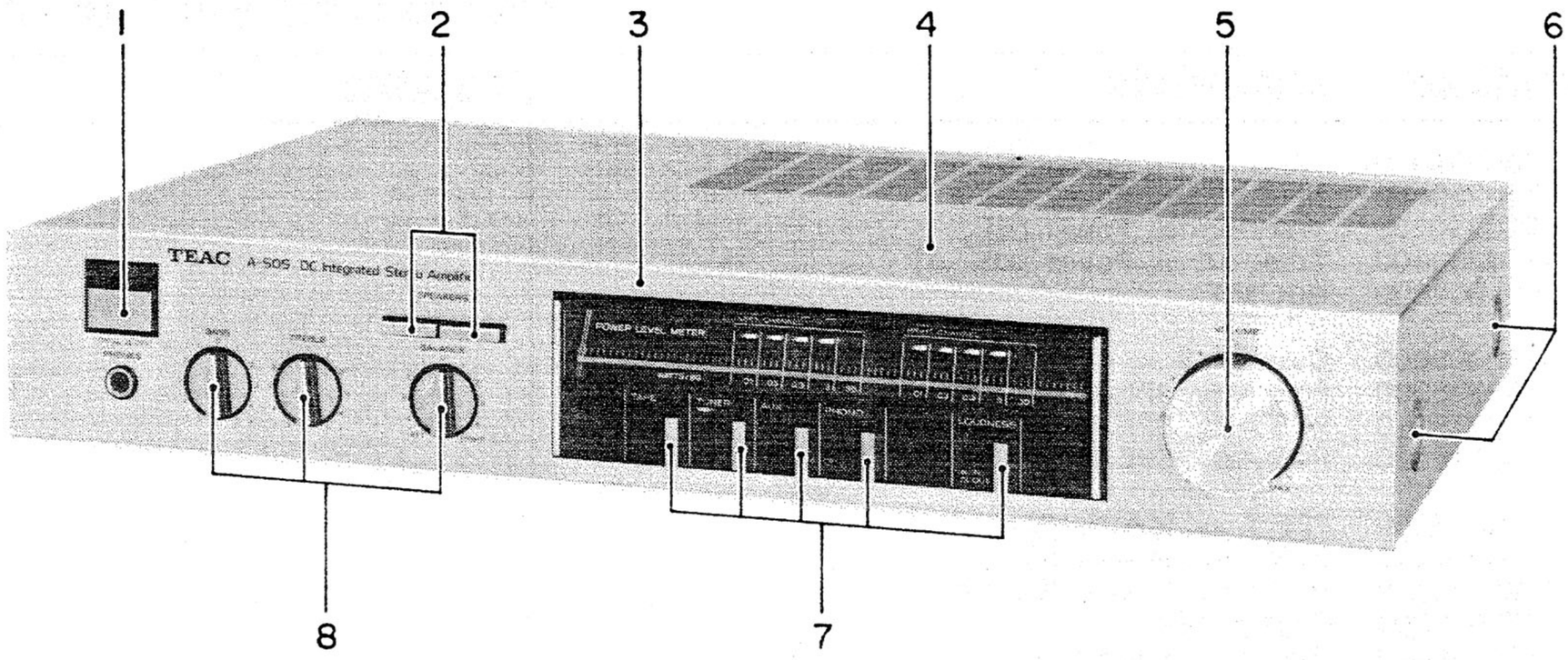
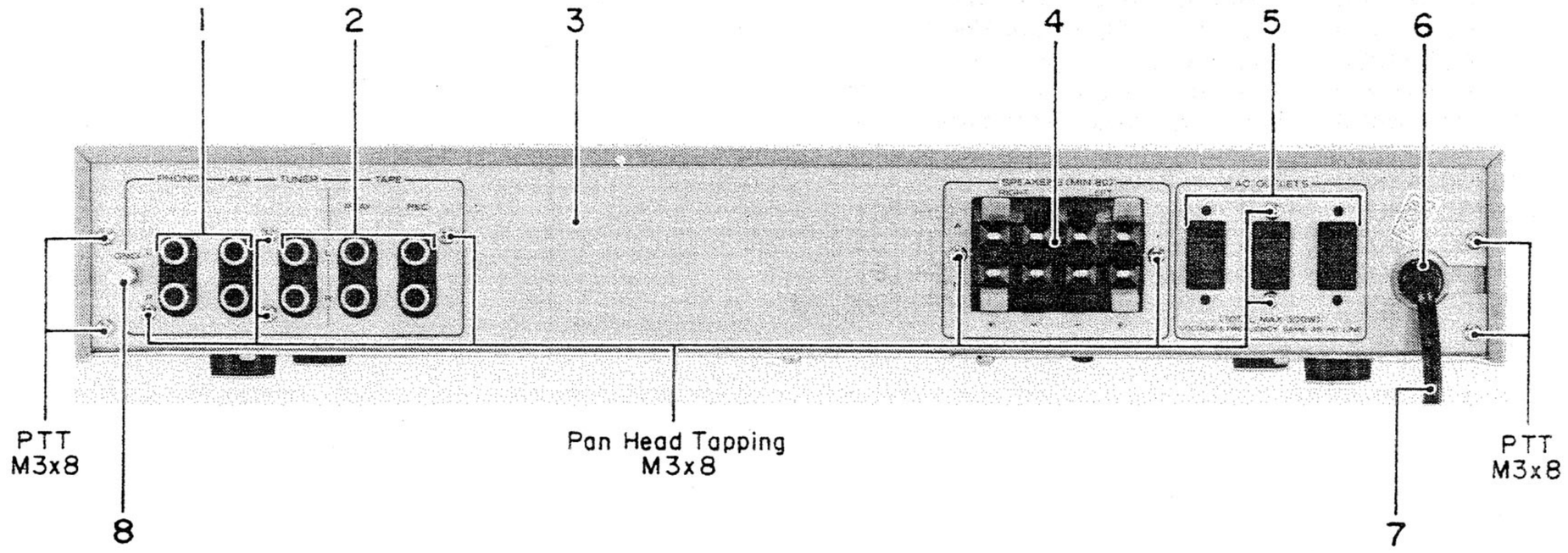
A-505
PARTS LOCATION-1



Parts marked with *require longer deliver time.

REF. NO.	PARTS NO.	DESCRIPTION	REMARKS
1 - 1	5800379500	Button, Power	
1 - 2	5800379100	Button, Push; A	
1 - 3	*5620078600	Panel Assy, Front	
1 - 4	*5760249000	Cover, Top; B	
1 - 5	5760242200	Knob, VR	
1 - 6	*5783114008	Screw, M4 x 8 (BLK)	
1 - 7	5800379200	Button, Push; B	
1 - 8	5760242100	Knob, Tone	

PARTS LOCATION-2



Parts marked with *require longer deliver time.

REF. NO.	PARTS NO.	DESCRIPTION	REMARKS
2 - 1	5760339000	Jack, Pin; 4P	
2 - 2	5760338900	Jack, Pin; 6P	
2 - 3	*5760246400	Panel, Rear; E [C, GE]	
	*5760246500	Panel, Rear; F [E, UK, A]	
2 - 4	*5760102700	Terminal, Push; 8P	
2 - 5	⚠*5760337200	Outlet, AC Power; 3P [C]	
	⚠*5760337300	Outlet, AC Power; 3P [GE]	
2 - 6	*5800136400	Strain Relief, Cord; 4P-4 [C, GE]	
	*5800136500	Strain Relief, Cord; 4K-4 [E, UK, A]	
2 - 7	⚠*5760098100	Cord, AC Power [C, GE]	
	⚠*5760098200	Cord, AC Power [E]	
	⚠*5760098300	Cord, AC Power [UK]	
	⚠*5760098400	Cord, AC Power [A]	
2 - 8	*5760081300	Nut, GND	
	*5785213000	Washer, Fiber (BLK) ϕ3 x ϕ6 x t0.5	

[C]: CANADA [GE]: GENERAL EXPORT [E]: EUROPE [UK]: U.K. [A]: AUSTRALIA

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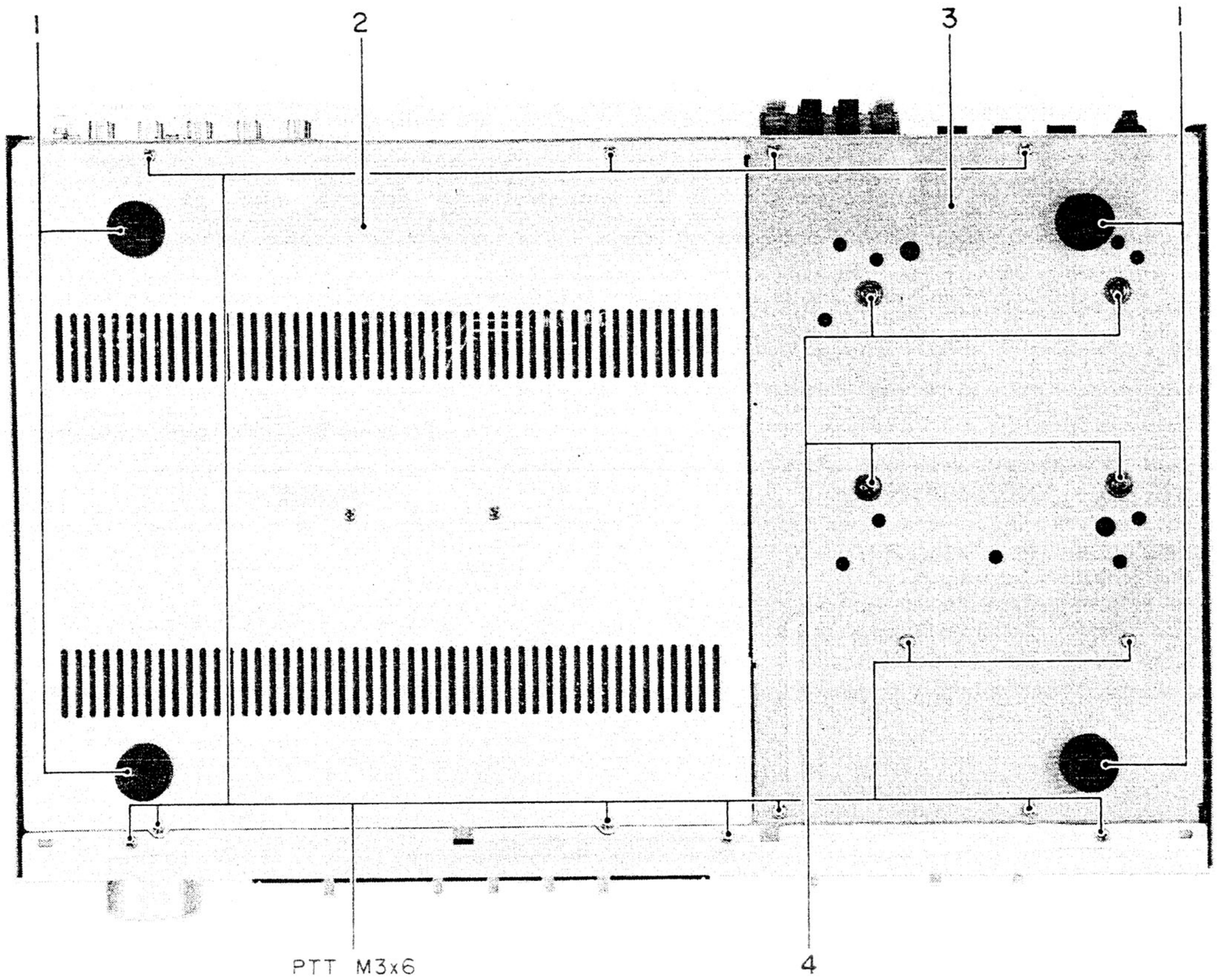
PARTS LOCATION-3



Parts marked with *require longer deliver time.

REF. NO.	PARTS NO.	DESCRIPTION	REMARKS
3 - 1	*5760241100	Foot	
3 - 2	*5760244200	Cover, Bottom; A	
3 - 3	*5760243700	Frame, Transformer	
3 - 4	*5783114008	Screw, M4 x 8 (BLK)	

INCLUDED ACCESSORY

REF. NO.	PARTS NO.	DESCRIPTION	REMARKS
	5700036300	A-505 Owner's Manual	

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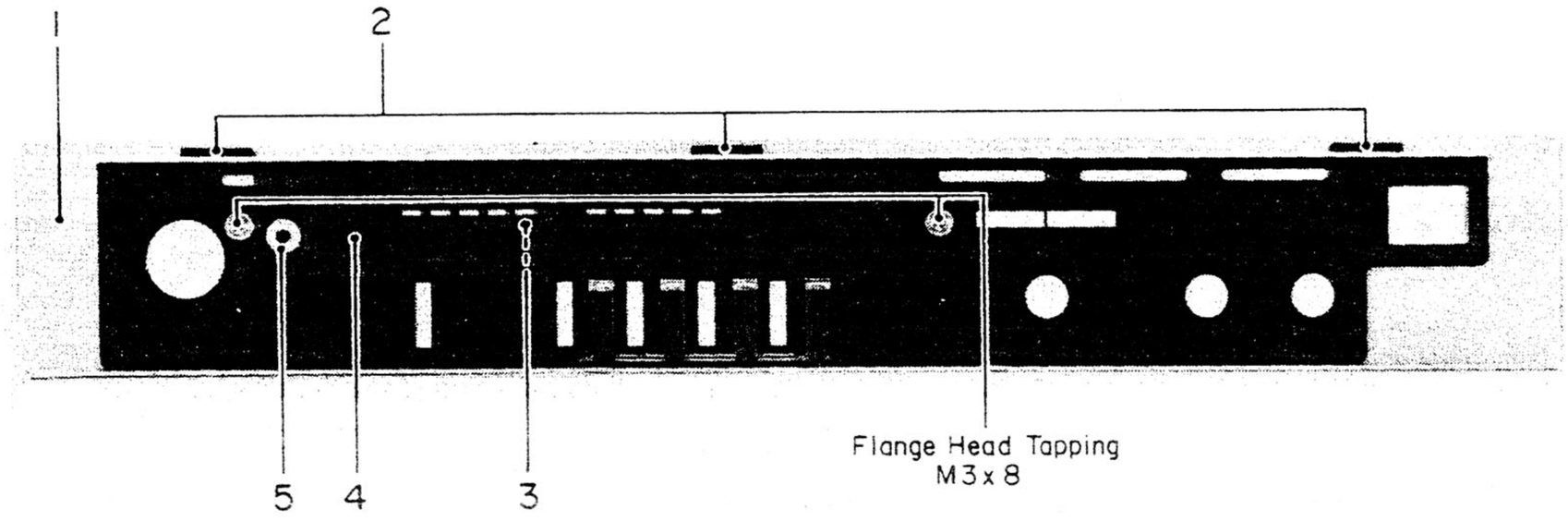
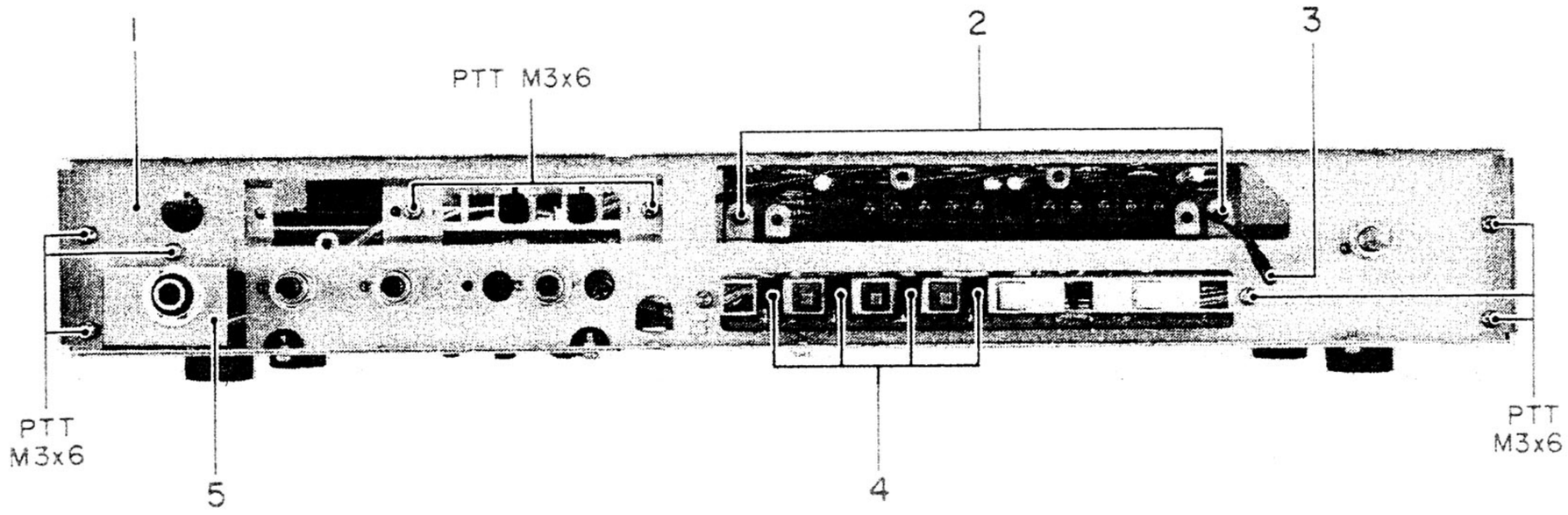
PARTS LOCATION-4



Parts marked with *require longer deliver time.

REF. NO.	PARTS NO.	DESCRIPTION	REMARKS
4 - 1	*5620078600	Panel Assy, Front	
4 - 2	*5760095500	Cushion, A	
4 - 3	*5760242500	Plate, Meter; Acrylic	
4 - 4	*5620078500	Escutcheon Assy, Meter	
4 - 5	*5760256000	Bush, Rubber	

PARTS LOCATION-5



Parts marked with *require longer deliver time.

REF. NO.	PARTS NO.	DESCRIPTION	REMARKS
5 - 1	*5760243000	Chassis, Front	
5 - 2	*5534878000	Rivet, Push	
5 - 3	5760338700	Lamp, 9V 150mA (GRN)	
5 - 4	*5760243600	Holder, LED	
5 - 5	*5760244000	Bracket, Jack; S	

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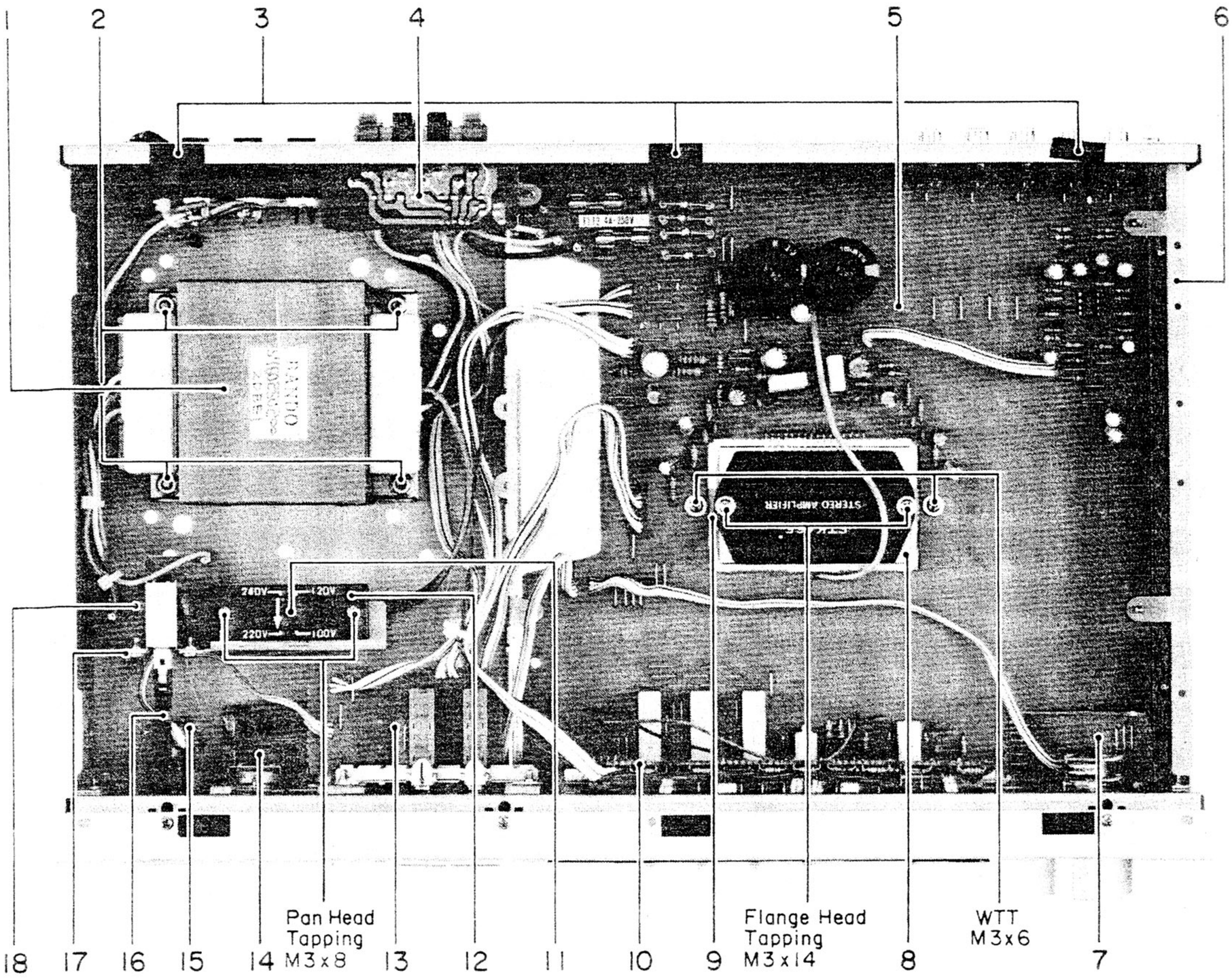
PARTS LOCATION-6



Parts marked with *require longer deliver time.

REF. NO.	PARTS NO.	DESCRIPTION	REMARKS
6 - 1	⚠*5760250100	Transformer, Power [C]	
	⚠*5760250200	Transformer, Power [GE]	
	⚠*5760250300	Transformer, Power [E]	
	⚠*5760250400	Transformer, Power [UK, A]	
6 - 2	*5781904000	Nut, M4	
6 - 3	*5760095600	Cushion, B	
6 - 4	*5760316100	PCB Assy, SPEAKER TERMINAL [C]	
	*5760316110	PCB Assy, SPEAKER TERMINAL [GE, UK, A]	
	*5760316120	PCB Assy, SPEAKER TERMINAL [E]	
6 - 5	*5760315500	PCB Assy, MAIN [C]	
	*5760315510	PCB Assy, MAIN [E]	
	*5760315520	PCB Assy, MAIN [GE, UK, A]	
6 - 6	*5760092600	Frame, Side	
6 - 7	*5760315600	PCB Assy, VOLUME [C]	
	*5760315610	PCB Assy, VOLUME [All except C]	
6 - 8	*5760255900	Heatsink, IC	
6 - 9	*5760247100	Bracket, Heatsink	
6 - 10	*5760315800	PCB Assy, DISPLAY [C]	
	*5760315810	PCB Assy, DISPLAY [All except C]	
6 - 11	*5133014000	Plug, Voltage Selector [GE]	
6 - 12	*5332011200	Socket, Voltage Selector [GE]	
6 - 13	*5760316000	PCB Assy, SPEAKER SW [C]	
	*5760316010	PCB Assy, SPEAKER SW [GE, UK, A]	
	*5760316020	PCB Assy, SPEAKER SW [E]	
6 - 14	*5760315700	PCB Assy, TONE [C]	
	*5760315710	PCB Assy, TONE [All except C]	
6 - 15	*5760315900	PCB Assy, HEADPHONE [C]	
	*5760315910	PCB Assy, HEADPHONE [All except C]	
6 - 16	*5760093900	Rod, Power Switch	
6 - 17	*5760243800	Bracket, Power Switch	
6 - 18	*5760316200	PCB Assy, POWER SWITCH [C]	
	*5760316210	PCB Assy, POWER SWITCH [GE]	
	*5760316220	PCB Assy, POWER SWITCH [E]	
	*5760316230	PCB Assy, POWER SWITCH [UK, A]	

[C]: CANADA [GE]: GENERAL EXPORT [E]: EUROPE [UK]: U.K. [A]: AUSTRALIA

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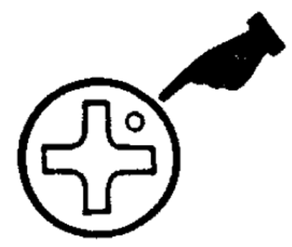
ASSEMBLING HARDWARE CODING LIST

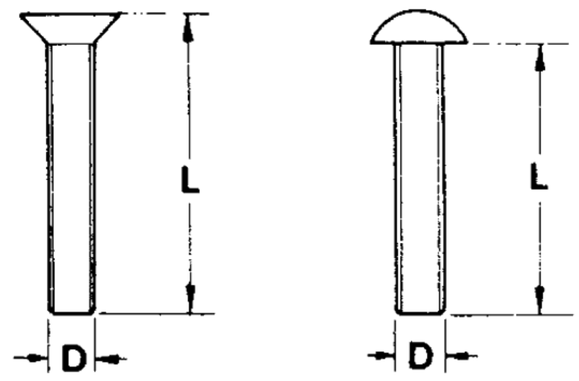
All screws conform to ISO standards, and have crossrecessed heads, unless otherwise noted.
ISO screws have the head inscribed with a point as in the figure to the right.



FOR EXAMPLE:

B M 3 x 6

- Length in mm (L)
- Diameter in mm (D) *
- Metric System
- Nomenclature



* Inner dia. for washers and nuts

	Code	Name	Type
MACHINE SCREW	**R**	Round Head Screw	
	P	Pan Head Screw	
	T	Stove Head Screw (Truss)	
	B	Binding Head Screw	
	F	Flat Countersunk Head Screw	
	O	Oval Countersunk Head Screw	
WOOD SCREW	**RW**	Round Head Wood Screw	
TAPTITE SCREW	**PTT**	Pan Head Taptite Screw	
	WTT	Washer Head Taptite Screw	
SEMS SCREW	**BSA**	Binding Head SEMS Screw(A Type)	
	BSB	Binding Head SEMS Screw(B Type)	
	BSF	Binding Head SEMS Screw(F Type)	
	PSA	Pan Head SEMS Screw(A Type)	
	PSB	Pan Head SEMS Screw(B Type)	

	Code	Name	Type
TAPPING SCREW	**BTA**	Binding Head Tapping Screw(A Type)	
	BTB	Binding Head Tapping Screw(B Type)	
	RTA	Round Head Tapping Screw(A Type)	
	RTB	Round Head Tapping Screw(B Type)	
SETSCREW	**SF**	Hex Socket Setscrew(Flat Point)	
	SC	Hex Socket Setscrew(Cup Point)	
	SS	Slotted Socket Setscrew(Flat Point)	
WASHER	**E**	E-Ring (Retaining Washer)	
	W	Flat Washer (Plain)	
	SW	Lock Washer (Spring)	
	LWI	Lock Washer (Internal Teeth)	
	LWE	Lock Washer (External Teeth)	
	TW	Trim Washer (Countersunk)	
NUT	**N**	Hex Nut	

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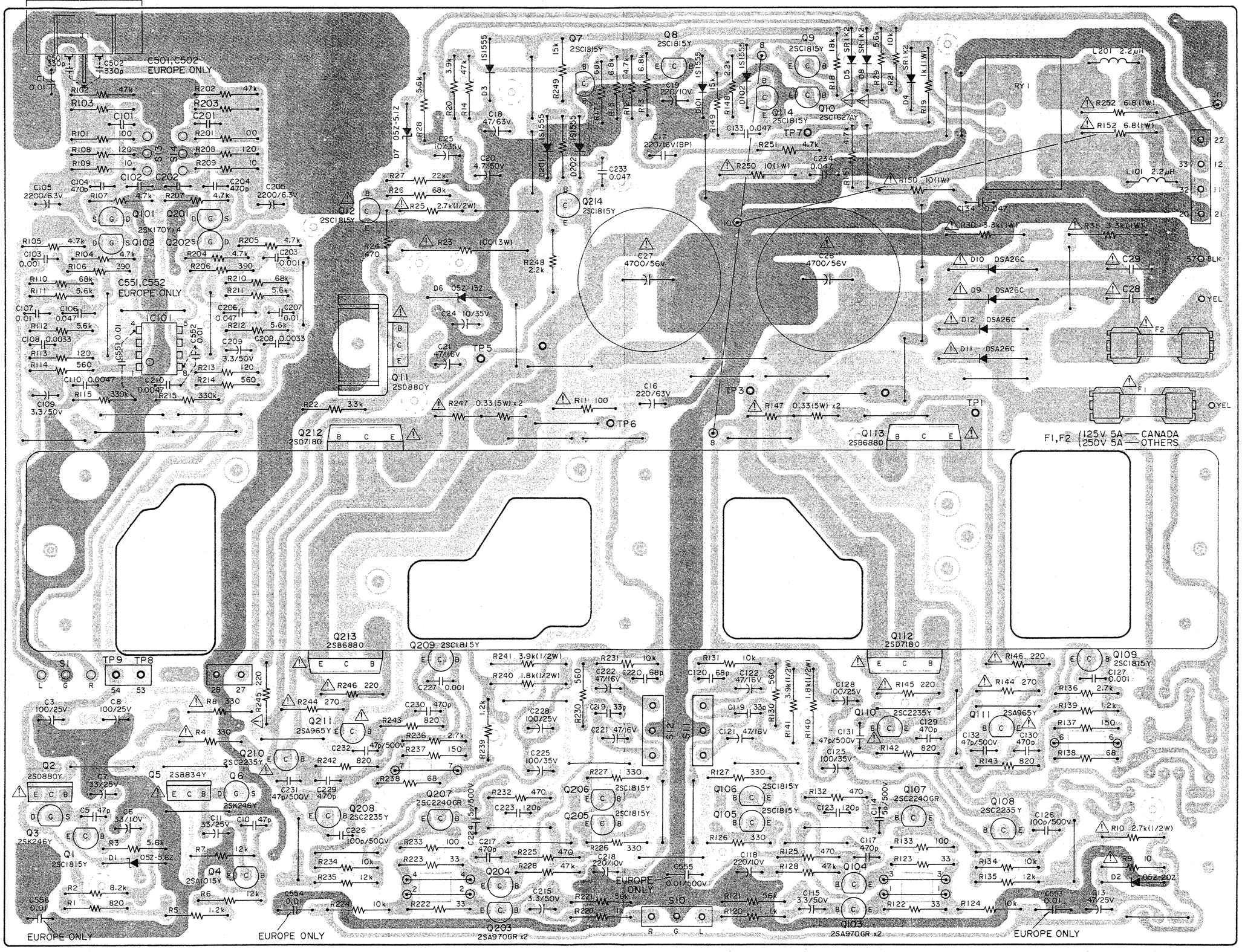
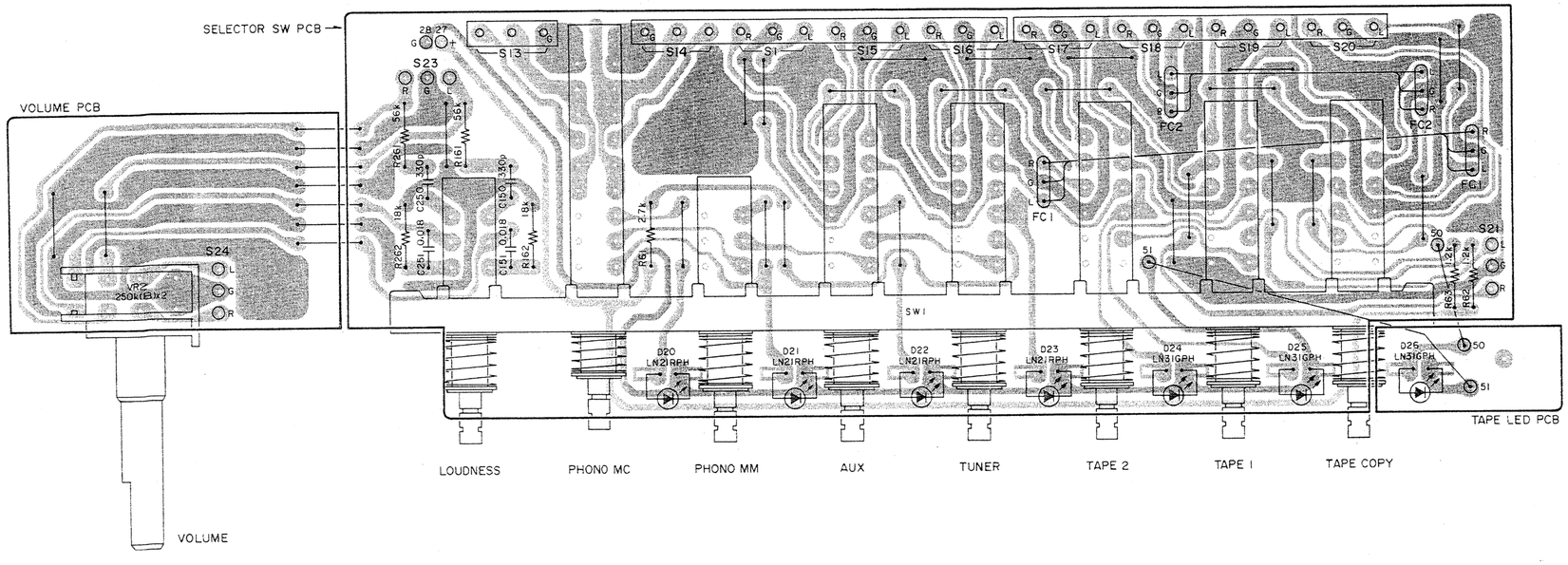
6 PC BOARDS AND PARTS LIST

A-707
MAIN PCB ASSY

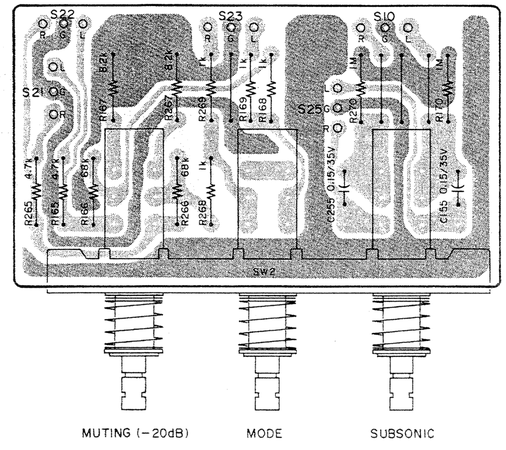
	C101,C201	C102,C202	R103,R203	C28,C29
EUROPE	OPEN	220p	220	0.033/250VAC
OTHERS	0.001	68p	22	0.01/250VAC



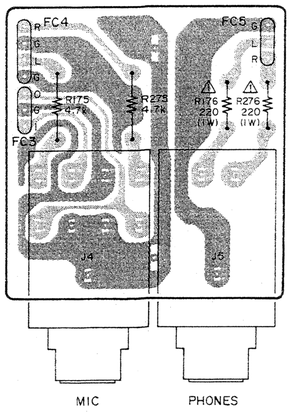
SELECTOR SW PCB ASSY/TAPE LED PCB ASSY/VOLUME PCB ASSY



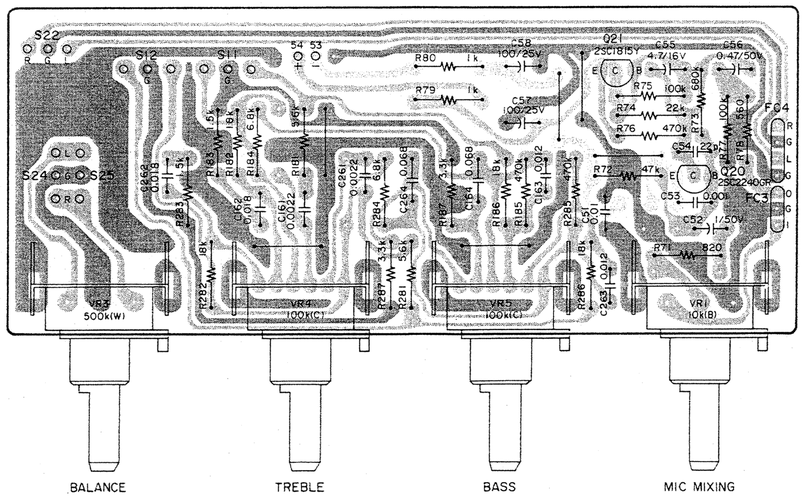
MUTING PCB ASSY



JACK PCB ASSY



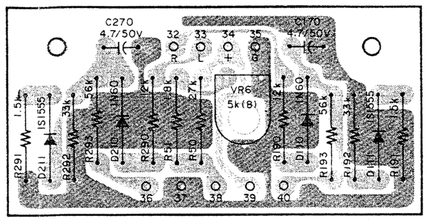
TONE & MIC PCB ASSY



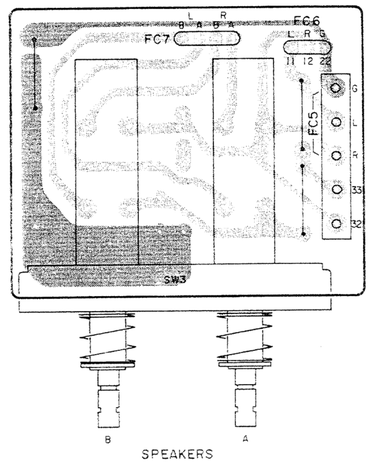
NOTES

1. The colors used on the PCB illustrations have the following significance:
   : +B power supply circuit
   : −B power supply circuit
   : GND
   : Other
2. Resistor values are in ohms (k=1,000 ohms, M=1,000,000 ohms).
3. Capacitor values are in microfarads (p=picofarads).
4. ⚠ Parts marked with this sign are safety critical components.
   They must always be replaced with identical components - refer to the appropriate parts list and ensure exact replacement.

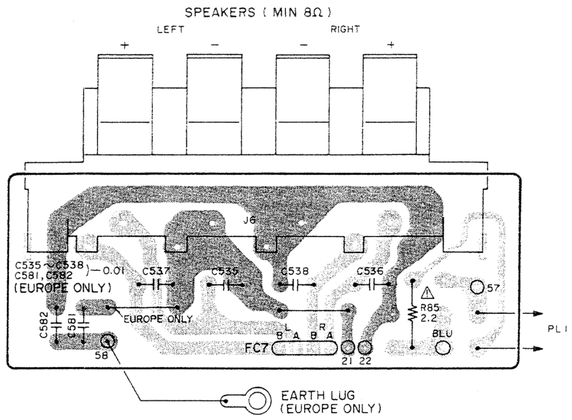
DISPLAY PCB ASSY



SPEAKER SW PCB ASSY

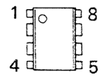


SPEAKER TERMINAL PCB ASSY

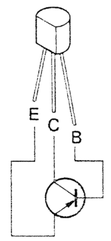


A-707
SEMICONDUCTOR ELECTRODES

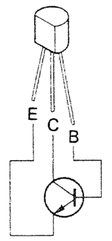
LA6458DS
(TOP VIEW)



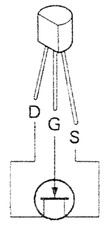
2SA970GR
2SA1015Y



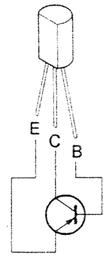
2SC1815Y
2SC2240GR



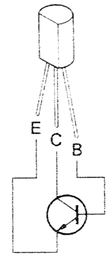
2SK170Y
2SK246Y



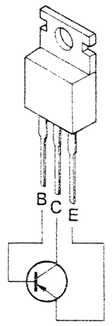
2SA965Y



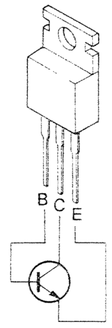
2SC1627AY
2SC2235Y



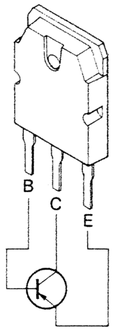
2SB834Y



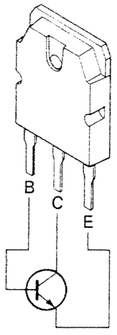
2SD880Y



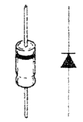
2SB6880



2SD7180



1N60



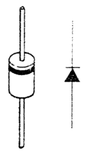
1S1555



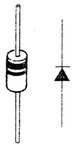
05Z-5.1Z
05Z-5.6Z
05Z-13Z
05Z-20Z



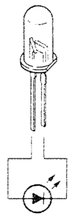
DSA26C



SR1K2



LN21RP-H
LN31GP-H



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MAIN PCB ASSY

REF. NO.	PARTS NO.	DESCRIPTION
	5760315500	PCB Assy [C]
	5760315510	PCB Assy [E]
	5760315520	PCB Assy [GE, UK, A]
	5760252700	PCB [C]
	5760252800	PCB [All except C]
	IC	
IC101	5760337400	LA6458 DS
	TRANSISTORS	
Q1	5230770300	2SC1815Y
Q2	⚠5231755100	2SD880Y
Q3	5232005100	FET 2SK246Y
Q4	5230012700	2SA1015Y
Q5	⚠5230505700	2SB834Y
Q6	5232005100	FET 2SK246Y
Q7~Q9	5230770300	2SC1815Y
Q10	5760121800	2SC1627AY
Q11	⚠5231755100	2SD880Y
Q12	5230770300	2SC1815Y
Q101, Q201	5760102300	FET 2SK170Y
Q102, Q202	5760102300	FET 2SK170Y
Q103, Q203	5145149000	2SA970GR
Q104, Q204	5145149000	2SA970GR
Q105, Q205	5230770300	2SC1815Y
Q106, Q206	5230770300	2SC1815Y
Q107, Q207	5145153000	2SC2240GR
Q108, Q208	5145169000	2SC2235Y
Q109, Q209	5230770300	2SC1815Y
Q110, Q210	⚠5145169000	2SC2235Y
Q111, Q211	⚠5145168000	2SA965Y
Q112, Q212	⚠5145171000	2SD718O
Q113, Q213	⚠5145170000	2SB688O
Q114, Q214	5230770300	2SC1815Y
	DIODES	
D1	5224553206	Zener 05Z-5.6Z
D2	5224557106	Zener 05Z-20Z
D3	5042220000	1S1555
D4, D5	⚠5760103300	SR1K2
D6	5224555906	Zener 05Z-13Z
D7	5224552906	Zener 05Z-5.1Z
D8	⚠5760103300	SR1K2
D9~D12	⚠5760340000	DSA26C
D101, D201	5042220000	1S1555
D102, D202	5042220000	1S1555
	RESISTORS	
	All resistors are rated ±5% tolerance, ¼ watt and are carbon type unless otherwise noted.	
R1	5181280000	820Ω
R2	5181304000	8.2kΩ
R3	5181300000	5.6kΩ
R4	⚠5184261000	330Ω Nonflammable
R5	5181284000	1.2kΩ
R6, R7	5181308000	12kΩ
R8	⚠5184261000	330Ω Nonflammable
R9	⚠5181234000	10Ω
R10	⚠5182032000	2.7kΩ ½W Nonflammable
R11	⚠5184249000	100Ω Nonflammable

REF. NO.	PARTS NO.	DESCRIPTION
R12	5181298000	4.7kΩ
R13	5181302000	6.8kΩ
R14	5181322000	47kΩ
R15	5181302000	6.8kΩ
R16	5181348000	560kΩ
R17	5181326000	68kΩ
R18	5181312000	18kΩ
R19	5760340500	1kΩ 1W Metal Film
R20	5181296000	3.9kΩ
R21	5181306000	10kΩ
R22	5181294000	3.3kΩ
R23	⚠5760120700	100Ω 3W Cement
R24	5181274000	470Ω
R25	⚠5182032000	2.7kΩ ½W Nonflammable
R26	5181326000	68kΩ
R27	5181314000	22kΩ
R28, R29	5181300000	5.6kΩ
R30, R31	⚠5760141100	3.3kΩ 1W Metal Film
R101, R201	5181258000	100Ω
R102, R202	5181322000	47kΩ
R103, R203	5181242000	22Ω [All except E]
R103, R203	5181266000	220Ω [E]
R104, R204	5181298000	4.7kΩ
R105, R205	5181298000	4.7kΩ
R106, R206	5181272000	390Ω
R107, R207	5181298000	4.7kΩ
R108, R208	5181260000	120Ω
R109, R209	5181234000	10Ω
R110, R210	5181326000	68kΩ
R111, R211	5181300000	5.6kΩ
R112, R212	5181300000	5.6kΩ
R113, R213	5181260000	120Ω
R114, R214	5181276000	560Ω
R115, R215	5181342000	330kΩ
R120, R220	5181282000	1kΩ
R121, R221	5181324000	56kΩ
R122, R222	5181246000	33Ω
R123, R223	5181246000	33Ω
R124, R224	5181306000	10kΩ
R125, R225	5181274000	470Ω
R126, R226	5181270000	330Ω
R127, R227	5181270000	330Ω
R128, R228	5181322000	47kΩ
R130, R230	5181276000	560Ω
R131, R231	5181306000	10kΩ
R132, R232	5181274000	470Ω
R133, R233	5181258000	100Ω
R134, R234	5181306000	10kΩ
R135, R235	5181308000	12kΩ
R136, R236	5181292000	2.7kΩ
R137, R237	5181262000	150Ω
R138, R238	5181254000	68Ω
R139, R239	5181284000	1.2kΩ
R140, R240	5180088000	1.8kΩ ½W
R141, R241	5180096000	3.9kΩ ½W
R142, R242	5181280000	820Ω
R143, R243	5181280000	820Ω
R144, R244	⚠5184259000	270Ω Nonflammable
R145, R245	⚠5184257000	220Ω Nonflammable

[C]: CANADA [GE]: GENERAL EXPORT [E]: EUROPE [UK]: U.K. [A]: AUSTRALIA

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REF. NO.	PARTS NO.	DESCRIPTION		
R146, R246	⚠5184257000	220Ω	Nonflammable	
R147, R247	⚠5760120600	0.33Ω	5Wx2 Cement	
R148, R248	5181290000	2.2kΩ		
R149, R249	5181310000	15kΩ		
R150, R250	⚠5760140900	10Ω	1W Metal Film	
R151, R251	5181298000	4.7kΩ		
R152, R252	⚠5760140800	6.8Ω	1W Metal Film	
	CAPACITORS			
C1	5172336000	Ceramic 0.01μF	50V	
C3	5260162650	Elec. 100μF	25V	
C5	5172308000	Ceramic 47pF	50V	
C6	5260164152	Elec. 33μF	10V	
C7	5260164452	Elec. 33μF	25V	
C8	5260162650	Elec. 100μF	25V	
C10	5172308000	Ceramic 47pF	50V	
C11	5260164452	Elec. 33μF	25V	
C13	5260165252	Elec. 47μF	25V	
C16	5173312000	Elec. 220μF	63V	
C17	5260071400	Elec. 220μF	16V	(BP)
C18	5173310000	Elec. 47μF	63V	
C19	5260166852	Elec. 220μF	10V	
C20	5260162150	Elec. 4.7μF	50V	
C21	5260165252	Elec. 47μF	16V	
C24	5260162750	Elec. 10μF	35V	
C25	5260162750	Elec. 10μF	35V	
C26	⚠5760340800	Elec. 4700μF	56V	
C27	⚠5760340800	Elec. 4700μF	56V	
C28, C29	⚠5760348600	Ceramic 0.01μF	250V	AC [All except E]
C28, C29	⚠5760334200	Ceramic 0.033μF	250V	AC[E]
C101, C201	5172324000	Ceramic 0.001μF	50V	[All except E]
C102, C202	5172310000	Ceramic 68pF	50V	[All except E]
C102, C202	5172316000	Ceramic 220pF	50V	[E]
C103, C203	5172324000	Ceramic 0.001μF	50V	
C104, C204	5172320000	Ceramic 470pF	50V	
C105, C205	5173086000	Elec. 2200μF	6.3V	
C106, C206	5054738800	Mylar 0.047μF	50V	5%
C107, C207	5054877800	Mylar 0.01μF	50V	5%
C108, C208	5054881800	Mylar 0.0033μF	50V	5%
C109, C209	5260161550	Elec. 3.3μF	50V	
C110, C210	5054813000	Mylar 0.0047μF	50V	
C115, C215	5260161550	Elec. 3.3μF	50V	
C117, C217	5172320000	Ceramic 470pF	50V	
C118, C218	5260166852	Elec. 220μF	10V	
C119, C219	5172306000	Ceramic 33pF	50V	
C120, C220	5172310000	Ceramic 68pF	50V	
C121, C221	5260165252	Elec. 47μF	16V	
C122, C222	5260165252	Elec. 47μF	16V	
C123, C223	5172313000	Ceramic 120pF	50V	
C124, C224	5760340700	Ceramic 5pF	120V	DC
C125, C225	5173047800	Elec. 100μF	35V	
C126, C226	5760340600	Ceramic 100pF	120V	DC
C127, C227	5172324000	Ceramic 0.001μF	50V	
C128, C228	5260162650	Elec. 100μF	25V	
C129, C229	5172320000	Ceramic 470pF	50V	
C130, C230	5172320000	Ceramic 470pF	50V	

REF. NO.	PARTS NO.	DESCRIPTION		
C131, C231	5760338400	Ceramic 47pF	120V	DC
C132, C232	5760338400	Ceramic 47pF	120V	DC
C133, C233	5054827000	Mylar 0.047μF	50V	
C134, C234	5054827000	Mylar 0.047μF	50V	
C501, C502	5172318000	Ceramic 330pF	50V	[E]
C551~C554	5172336000	Ceramic 0.01μF	50V	[E]
C555	5760362800	Ceramic 0.01μF	120V	DC [E]
C556	5172336000	Ceramic 0.01μF	50V	[E]
	COILS			
L101, L201	5760120900	2.2μH		
	FUSES			
F1, F2	⚠5760080700	125V	5A [C]	
	⚠5142174000	250V	5A [All except C]	
	MISCELLANEOUS			
RY1	5760121000	Relay		
J1	5760142100	Pin Jack, 2P		
	5760121500	Heatsink, B		
	5760102200	Heatsink		
	5142087000	Holder, Fuse (4 used)		
	5760115500	Pin, Lapping (7 used)		
	5760115800	Pin, Lapping; 4P		
	5760115600	Pin, Lapping; 2P (2 used)		
	5760115700	Pin, Lapping; 3P (3 used)		

SELECTOR SW PCB ASSY

REF. NO.	PARTS NO.	DESCRIPTION
	5760316400	PCB Assy [C]
	5760316410	PCB Assy [All except C]
	5760253200	PCB [C]
	5760254100	PCB [All except C]
	DIODES	
D20~D23	5760334800	LED LN21RP-H (RED)
D24, D25	5760334700	LED LN31GP-H(GRN)
	CARBON RESISTORS	
	All resistors are rated ±5% tolerance and ¼ watt.	
R161, R261	5181324000	56kΩ
R162, R262	5181312000	18kΩ
R61	5181292000	2.7kΩ
R62, R63	5181284000	1.2kΩ
	CAPACITORS	
C150, C250	5172318000	Ceramic 330pF 50V
C151, C251	5054855000	Mylar 0.018μF 50V
	MISCELLANEOUS	
SW1	5760340900	Switch, Push
	5760341000	Pin, Lapping; 12P (2 used)
	5760115700	Pin, Lapping; 3P

[C]: CANADA [GE]: GENERAL EXPORT [E]: EUROPE [UK]: U.K. [A]: AUSTRALIA

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TAPE LED PCB ASSY

REF. NO.	PARTS NO.	DESCRIPTION
	5760316500	PCB Assy [C]
	5760316510	PCB Assy [All except C]
	5760253300	PCB [C]
	5760254200	PCB [All except C]
D26	5760334700	LED LN31GP-H (GRN)

VOLUME PCB ASSY

REF. NO.	PARTS NO.	DESCRIPTION
	5760316600	PCB Assy [C]
	5760316610	PCB Assy [All except C]
	5760253400	PCB [C]
	5760254300	PCB [All except C]
VR2	5760339400	Var. Res. 250kΩ(B)x2

MUTING PCB ASSY

REF. NO.	PARTS NO.	DESCRIPTION
	5760317000	PCB Assy [C]
	5760317010	PCB Assy [All except C]
	5760253800	PCB [C]
	5760254700	PCB [All except C]

CARBON RESISTORS
All resistors are rated ±5% tolerance and ¼ watt.

R165, R265	5181298000	4.7kΩ
R166, R266	5181326000	68kΩ
R167, R267	5181304000	8.2kΩ
R168, R268	5181282000	1kΩ
R169, R269	5181282000	1kΩ
R170, R270	5181354000	1MΩ

CAPACITORS

C155, C255	5760341400	Tant.	0.15μF	35V

SWITCH

SW2	5760341500	Push

JACK PCB ASSY

REF. NO.	PARTS NO.	DESCRIPTION
	5760316800	PCB Assy [C]
	5760316810	PCB Assy [All except C]
	5760253600	PCB [C]
	5760254500	PCB [All except C]
R175, R275	5181298000	Res., Carbon 4.7kΩ ¼W 5%
R176, R276	⚠5760339500	Res., Metal Film 220Ω 1W 5%
J4	5760341300	Jack, MIC
J5	5760141300	Jack, PHONES

TONE & MIC PCB ASSY

REF. NO.	PARTS NO.	DESCRIPTION
	5760316700	PCB Assy [C]
	5760316710	PCB Assy [All except C]
	5760253500	PCB [C]
	5760254400	PCB [All except C]

TRANSISTORS

Q20	5145153000	2SC2240GR
Q21	5230770300	2SC1815Y

CARBON RESISTORS
All resistors are rated ±5% tolerance and ¼ watt unless otherwise noted.

R71	5181280000	820Ω	
R72	5181322000	47kΩ	
R73	5181350000	680kΩ	
R74	5181314000	22kΩ	
R75	5181330000	100kΩ	
R76	5181274000	470Ω	
R77	5181330000	100kΩ	
R78	5181276000	560Ω	
R79, R80	5184273000	1kΩ	Nonflammable
R181, R281	5181300000	5.6kΩ	
R182, R282	5181312000	18kΩ	
R183, R283	5181286000	1.5kΩ	
R184, R284	5181302000	6.8kΩ	
R185, R285	5181346000	470kΩ	
R186, R286	5181312000	18kΩ	
R187, R287	5181294000	3.3kΩ	

CAPACITORS

C51	5172336000	Ceramic	0.01μF	50V
C52	5260160750	Elec.	1μF	50V
C53	5172324000	Ceramic	0.001μF	50V
C54	5172304000	Ceramic	22pF	50V
C55	5260165252	Elec.	47μF	16V
C56	5260160550	Elec.	0.47μF	50V
C57, C58	5260166152	Elec.	100μF	25V
C161, C261	5054845000	Mylar	0.0022μF	50V
C162, C262	5054855000	Mylar	0.018μF	50V
C163, C263	5054862000	Mylar	0.012μF	50V
C164, C264	5054854000	Mylar	0.068μF	50V

VARIABLE RESISTORS

VR1	5760341200	10kΩ (B)
VR3	5760339100	500kΩ (W)
VR4, VR5	5760339200	100kΩ (C)x2

[C]: CANADA [GE]: GENERAL EXPORT [E]: EUROPE [UK]: U.K. [A]: AUSTRALIA

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DISPLAY PCB ASSY

REF. NO.	PARTS NO.	DESCRIPTION
	5760318000	PCB Assy [C]
	5760318010	PCB Assy [All except C]
	5760252900	PCB [C]
	5760253000	PCB [All except C]
	DIODES	
D110, D210	5042213000	1N60
D111, D211	5042220000	1S1555
	CARBON RESISTORS	
	All resistors are rated ±5% tolerance and ¼ watt.	
R190, R290	5181308000	12kΩ
R191, R291	5181286000	1.5kΩ
R192, R292	5181318000	33kΩ
R193, R293	5181324000	56kΩ
R50	5181316000	27kΩ
R51	5181288000	1.8kΩ
	CAPACITORS	
C170, C270	5260162150	Elec. 4.7μF 50V
	VARIABLE RESISTOR	
VR6	5280003300	Semi-fixed 5kΩ (B)

POWER SW PCB ASSY (PC Board Omitted)

REF. NO.	PARTS NO.	DESCRIPTION
	5760316200	PCB Assy [C]
	5760316210	PCB Assy [GE]
	5760316220	PCB Assy [E]
	5760316230	PCB Assy [UK, A]
	5760252500	PCB [C]
	5760252600	PCB [All except C]
SW4	⚠5300030800	Switch
Z2	⚠5760099900	Spark Killer 0.01μF/250V AC [C]
Z2	⚠5760335600	Spark Killer 0.01μF/250V AC[GE]
Z2	⚠5267703100	Spark Killer 0.01μF/250V AC [UK, A]
Z1, Z2	⚠5267703100	Spark Killer 0.01μF/250V AC [E]
	⚠5760115500	Pin, Lapping

SPEAKER SW PCB ASSY

REF. NO.	PARTS NO.	DESCRIPTION
	5760317100	PCB Assy [C]
	5760317110	PCB Assy [All except C]
	5760253900	PCB [C]
	5760254800	PCB [All except C]
SW3	5760341600	Switch, Push
	5760116100	Pin, Lapping; 5P

SPEAKER TERMINAL PCB ASSY

REF. NO.	PARTS NO.	DESCRIPTION
	5760316900	PCB Assy [C]
	5760316910	PCB Assy [E]
	5760316920	PCB Assy [GE, UK, A]
	5760253700	PCB [C]
	5760254600	PCB [All except C]
R85	⚠5185211000	Res. Fusible 2.2Ω ¼W 5%
C535~C538	5172336000	Cap. Ceramic 0.01μF 50V [E]
C581, C582	5172336000	Cap. Ceramic 0.01μF 50V [E]
J6	5760102700	Terminal, Push; 8P
PL1	5760338700	Lamp, 9V 150mA
	5786700400	Lug, Earth [E]

[C]: CANADA [GE]: GENERAL EXPORT [E]: EUROPE [UK]: U.K. [A]: AUSTRALIA

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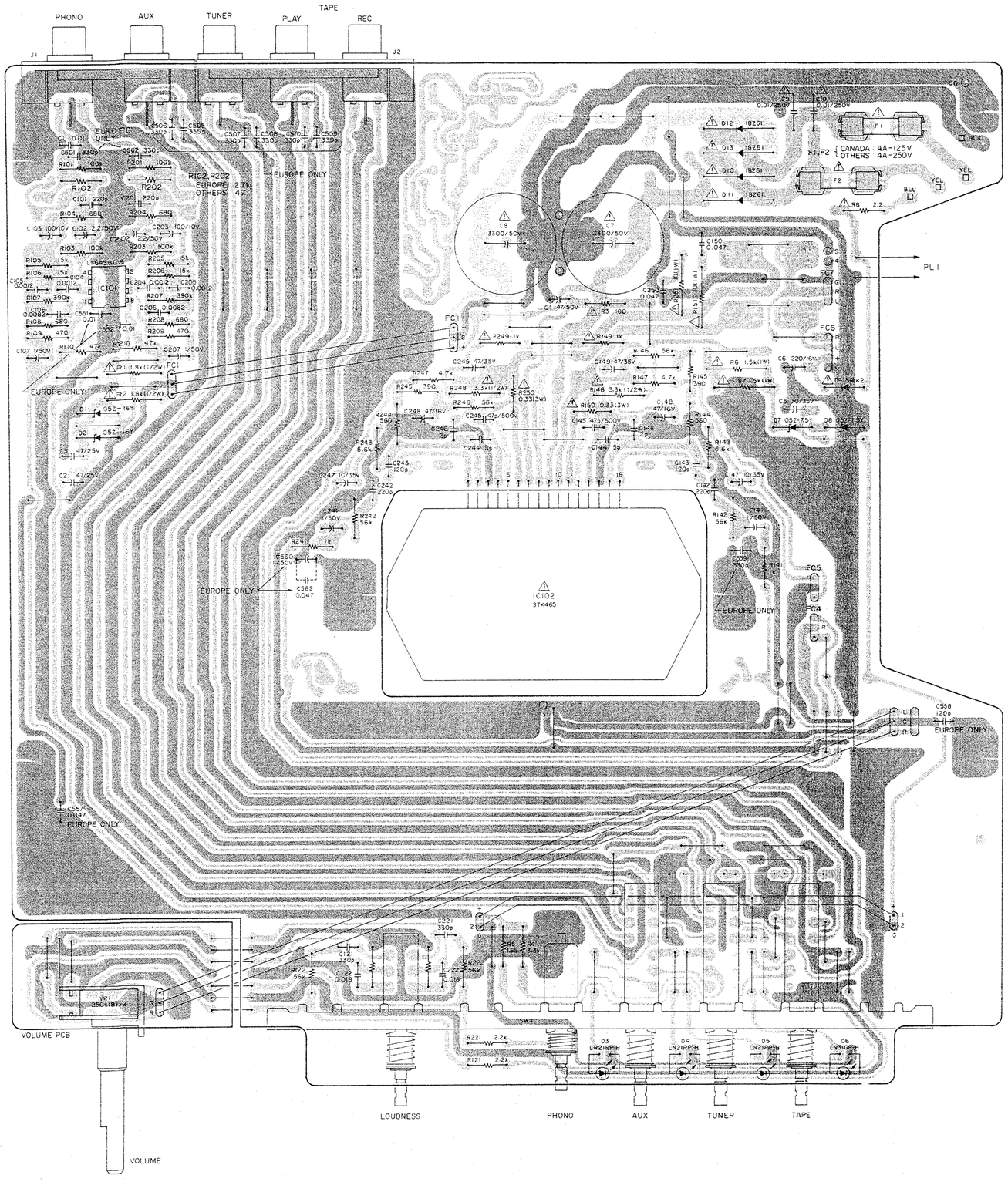
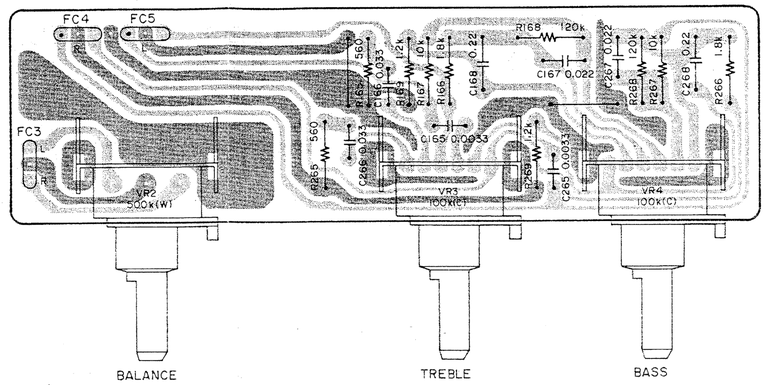
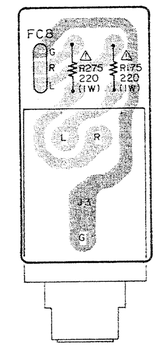
MAIN PCB ASSY/VOLUME PCB ASSY



TONE PCB ASSY



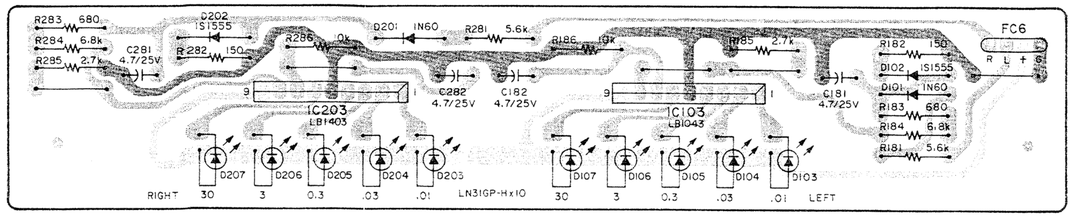
HEADPHONE PCB ASSY



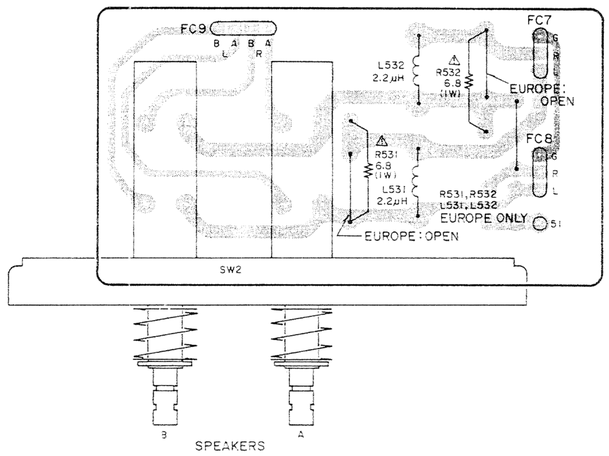
NOTES

1. The colors used on the PCB illustrations have the following significance:
   : +B power supply circuit
   : −B power supply circuit
   : GND
   : Other
2. Resistor values are in ohms (k=1,000 ohms).
3. Capacitor values are in microfarads (p=picofarads):
4. ⚠ Parts marked with this sign are safety critical components.
   They must always be replaced with identical components - refer to the appropriate parts list and ensure exact replacement.

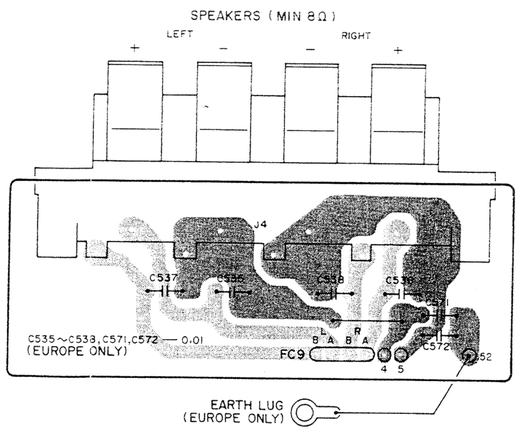
DISPLAY PCB ASSY



SPEAKER TERMINAL ASSY

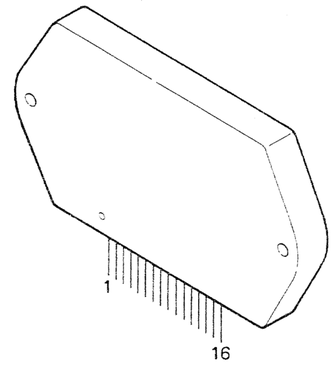


SPEAKER SW PCB ASSY

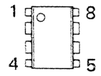


A-505
SEMICONDUCTOR ELECTRODES

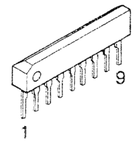
STK465



LA6458DS
(TOP VIEW)



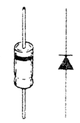
LB1403



1BZ61



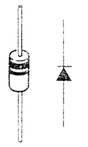
1N60



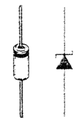
1S1555



SR1K2



05Z-7.5Y
05Z-16Y



LN21RP-H
LN31GP-H



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MAIN PCB ASSY

REF. NO.	PARTS NO.	DESCRIPTION
	5760315500	PCB Assy [C]
	5760315510	PCB Assy [E]
	5760315520	PCB Assy [GE, UK, A]
	5760251000	PCB [C]
	5760251800	PCB [All except C]
	IC's	
IC101	5760337400	LA6458DS
IC102	⚠5760337500	STK465
	DIODES	
D1, D2	5224556406	Zener 05Z-16Y
D3~D5	5760334800	LED LN21RP-H (RED)
D6	5760334700	LED LN31GP-H (GRN)
D7, D8	5224554006	Zener 05Z-7.5Y
D9	⚠5760103300	SR1K2
D10~D13	⚠5760337600	1BZ61
	RESISTORS **All resistors are rated ±5% tolerance, ¼ watt and are carbon type unless otherwise noted.**	
R1, R2	⚠5182028000	1.8kΩ ½W Nonflammable
R3	⚠5184249000	100Ω Nonflammable
R4	5181294000	3.3kΩ
R5	5181286000	1.5kΩ
R6, R7	⚠5760141500	1.5kΩ 1W Metal Film
R8	⚠5185211000	2.2Ω Fusible
R101, R201	5181330000	100kΩ
R102, R202	5181292000	2.7kΩ [E]
	5181250000	47Ω [All except E]
R103, R203	5181330000	100kΩ
R104, R204	5181278000	680Ω
R105, R205	5181310000	15kΩ
R106, R206	5181310000	15kΩ
R107, R207	5181344000	390kΩ
R108, R208	5181278000	680Ω
R109, R209	5181274000	470Ω
R110, R210	5181322000	47kΩ
R121, R221	5181290000	2.2kΩ
R122, R222	5181324000	56kΩ
R123, R223	5181312000	18kΩ
R141, R241	5181282000	1kΩ
R142, R242	5181324000	56kΩ
R143, R243	5181300000	5.6kΩ
R144, R244	5181276000	560Ω
R145, R245	5181272000	390Ω
R146, R246	5181324000	56kΩ
R147, R247	5181298000	4.7kΩ
R148, R248	⚠5180094000	3.3kΩ ½W Nonflammable
R149, R249	⚠5184273000	1kΩ 3W Cement
R150, R250	⚠5760338500	0.33Ω 1W Metal Film
R151, R251	⚠5760140900	10Ω
	CAPACITORS	
C1	5172336000	Ceramic 0.01μF 50V
C2, C3	5260165252	Elec. 47μF 25V
C4	5260165452	Elec. 47μF 50V
C5	5260162750	Elec. 10μF 35V
C6	5173054800	Elec. 220μF 16V
C7, C8	⚠5760337900	Elec. 3300μF 50V
C9, C10	⚠5760348600	Ceramic 0.01μF 250V AC

REF. NO.	PARTS NO.	DESCRIPTION
C101, C201	5172316000	Ceramic 220pF 50V
C102, C202	5260161150	Elec. 2.2μF 50V
C103, C203	5260165952	Elec. 100μF 10V
C104, C204	5054886800	Mylar 0.0012μF 50V
C105, C205	5054886800	Mylar 0.0012μF 50V
C106, C206	5054894800	Mylar 0.0082μF 50V
C107, C207	5260160750	Elec. 1μF 50V
C121, C221	5172318000	Ceramic 330pF 50V
C122, C222	5054855000	Mylar 0.018μF 50V
C141, C241	5260160750	Elec. 1μF 50V
C142, C242	5172316000	Ceramic 220pF 50V
C143, C243	5172313000	Ceramic 120pF 50V
C144, C244	5760338000	Ceramic 5pF 50V
C145, C245	5760338400	Ceramic 47pF 120V DC
C146, C246	5760338100	Ceramic 2pF 50V
C147, C247	5260162750	Elec. 10μF 35V
C148, C248	5260165252	Elec. 47μF 16V
C149, C249	5260165352	Elec. 47μF 35V
C150, C250	5054827000	Mylar 0.047μF 50V
C501, C502	5172318000	Ceramic 330pF 50V [E]
C505~C510	5172318000	Ceramic 330pF 50V [E]
C551, C552	5172336000	Ceramic 0.01μF 50V [E]
C557	5172344000	Ceramic 0.047μF 50V [E]
C558	5172313000	Ceramic 120pF 50V [E]
C559	5172318000	Ceramic 330pF 50V [E]
C560	5260160750	Elec. 1μF 50V [E]
C562	5172344000	Ceramic 0.047μF 50V [E]
	MISCELLANEOUS	
PL1	5760338700	Lamp 9V 150mA
SW1	5760338800	Switch, Push
F1, F2	⚠5760080700	Fuse 125V 4A [C]
	⚠5142174000	Fuse 250V 4A [All except C]
	5142087000	Holder, Fuse (4 used)
J1	5760339000	Pin Jack, 4P
J2	5760338900	Pin Jack, 6P
	5760115500	Pin Lapping (4 used)

VOLUME PCB ASSY

REF. NO.	PARTS NO.	DESCRIPTION
	5760316600	PCB Assy [C]
	5760316610	PCB Assy [All except C]
	5760251100	PCB [C]
	5760251900	PCB [All except C]
VR1	5760339400	Var. Res. 250kΩ(B) x 2

[C]: CANADA [GE]: GENERAL EXPORT [E]: EUROPE [UK]: U.K. [A]: AUSTRALIA

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TONE PCB ASSY

REF. NO.	PARTS NO.	DESCRIPTION
	5760315700	PCB Assy [C]
	5760315710	PCB Assy [All except C]
	5760251200	PCB [C]
	5760252000	PCB [All except C]
		CARBON RESISTORS
		All resistors are rated ±5% tolerance and ¼ watt.
R165, R265	5181276000	560Ω
R166, R266	5181288000	1.8kΩ
R167, R267	5181306000	10kΩ
R168, R268	5181332000	120kΩ
R169, R269	5181284000	1.2kΩ
		CAPACITORS
C165, C265	5054830000	Mylar 0.0033μF 50V
C166, C266	5054824000	Mylar 0.033μF 50V
C167, C267	5054829000	Mylar 0.022μF 50V
C168, C268	5054866000	Mylar 0.22μF 50V
		VARIABLE RESISTORS
VR2	5760339100	500kΩ (W)
VR3, VR4	5760339200	100kΩ (C) x 2

HEADPHONE PCB ASSY

REF. NO.	PARTS NO.	DESCRIPTION
	5760315900	PCB Assy [C]
	5760315910	PCB Assy [All except C]
	5760251400	PCB [C]
	5760252200	PCB [All except C]
R175, R275	⚠5760339500	Res. Metal Film 220Ω 1W 5%
J3	5760141300	Jack, PHONES

DISPLAY PCB ASSY

REF. NO.	PARTS NO.	DESCRIPTION
	5760315800	PCB Assy [C]
	5760315810	PCB Assy [All except C]
	5760251300	PCB [C]
	5760252100	PCB [All except C]
		IC's
IC103, IC203	5760336500	LB1403
		DIODES
D101, D201	5042213000	1N60
D102, D202	5042220000	1S1555
D103, D203	5760334700	LED LN31GP-H (GRN)
D104, D204	5760334700	LED LN31GP-H (GRN)
D105, D205	5760334700	LED LN31GP-H (GRN)
D106, D206	5760334700	LED LN31GP-H (GRN)
D107, D207	5760334700	LED LN31GP-H (GRN)

REF. NO.	PARTS NO.	DESCRIPTION
		CARBON RESISTORS
		All resistors are rated ±5% tolerance and ¼ watt.
R181, R281	5181300000	5.6kΩ
R182, R282	5181262000	150Ω
R183, R283	5181278000	680Ω
R184, R284	5181302000	6.8kΩ
R185, R285	5181292000	2.7kΩ
R186, R286	5181306000	10kΩ
		CAPACITORS
C181, C281	5260165200	Elec. 4.7μF 25V
C182, C282	5260165200	Elec. 4.7μF 25V

SPEAKER SW PCB ASSY

REF. NO.	PARTS NO.	DESCRIPTION
	5760316000	PCB Assy [C]
	5760316010	PCB Assy [GE, UK, A]
	5760316020	PCB Assy [E]
	5760251500	PCB [C]
	5760252300	PCB [All except C]
R531, R532	⚠5760140800	Res. Metal Film 6.8Ω 1W 5% [E]
L531, L532	5760120900	Coil 2.2μH [E]
SW2	5760339300	Switch, Push

SPEAKER TERMINAL ASSY

REF. NO.	PARTS NO.	DESCRIPTION
	5760316100	PCB Assy [C]
	5760316110	PCB Assy [GE, UK, A]
	5760316120	PCB Assy [E]
	5760251600	PCB [C]
	5760252400	PCB [All except C]
C535~C538	5172336000	Cap. Ceramic 0.01μF 50V [E]
C571, C572	5172336000	Cap. Ceramic 0.01μF 50V [E]
J4	5760102700	Terminal, Push; 8P
	5786700400	Lug, Earth [E]

POWER SW PCB ASSY (PCB Board Omitted)

REF. NO.	PARTS NO.	DESCRIPTION
	5760316200	PCB Assy [C]
	5760316210	PCB Assy [GE]
	5760316220	PCB Assy [E]
	5760316230	PCB Assy [UK, A]
	5760252500	PCB [C]
	5760252600	PCB [All except C]
SW4	⚠5300030800	Switch
Z2	⚠5760099900	Spark Killer 0.01μF/250VAC [C]
Z2	⚠5760335600	Spark Killer 0.01μF/250VAC [GE]
Z2	⚠5267703100	Spark Killer 0.01μF/250VAC [UK, A]
Z1, Z2	⚠5267703100	Spark Killer 0.01μF/250VAC [E]
	5760115500	Pin, Lapping

[C]: CANADA [GE]: GENERAL EXPORT [E]: EUROPE [UK]: U.K. [A]: AUSTRALIA

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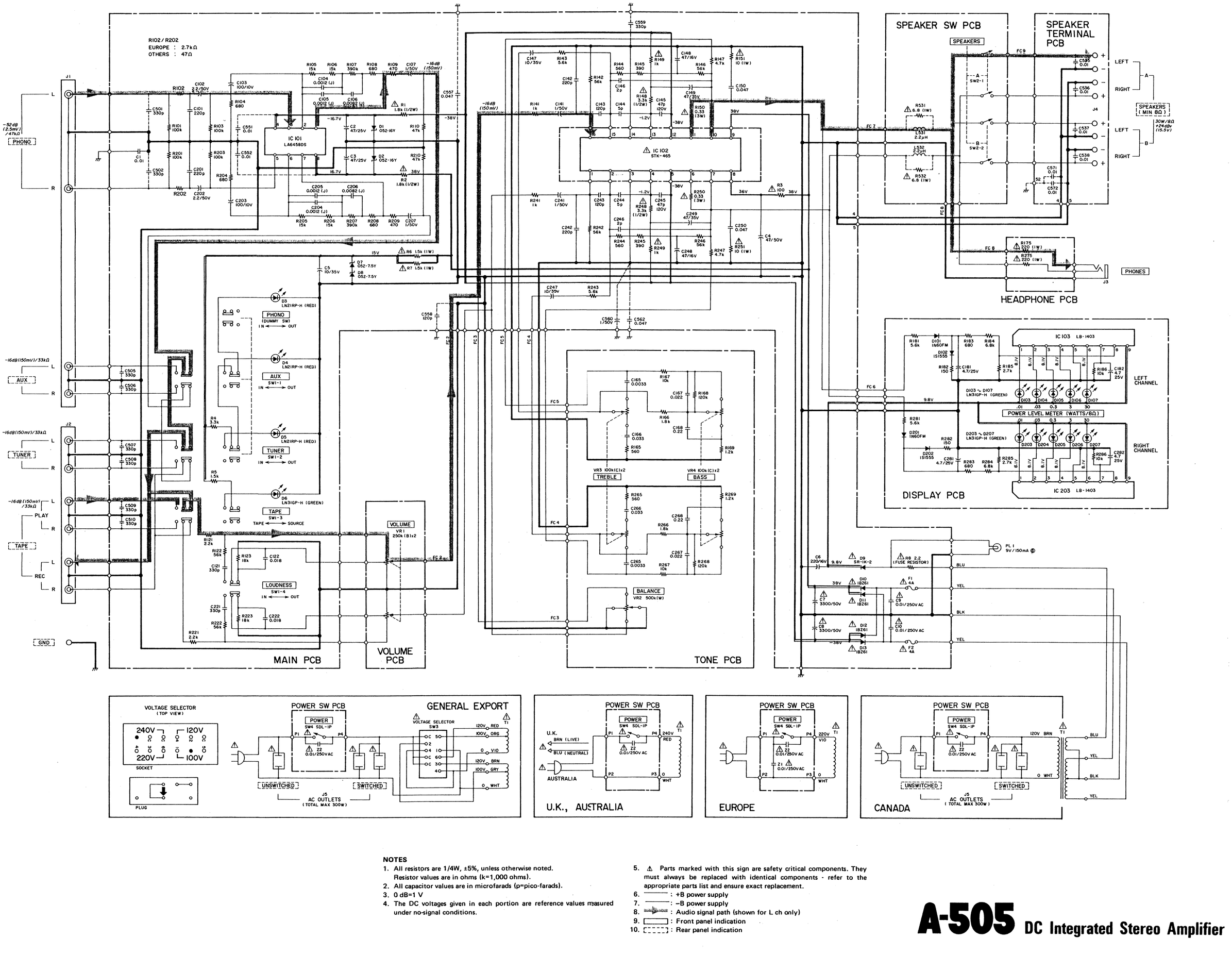
TEAC SCHEMATIC DIAGRAM A-505

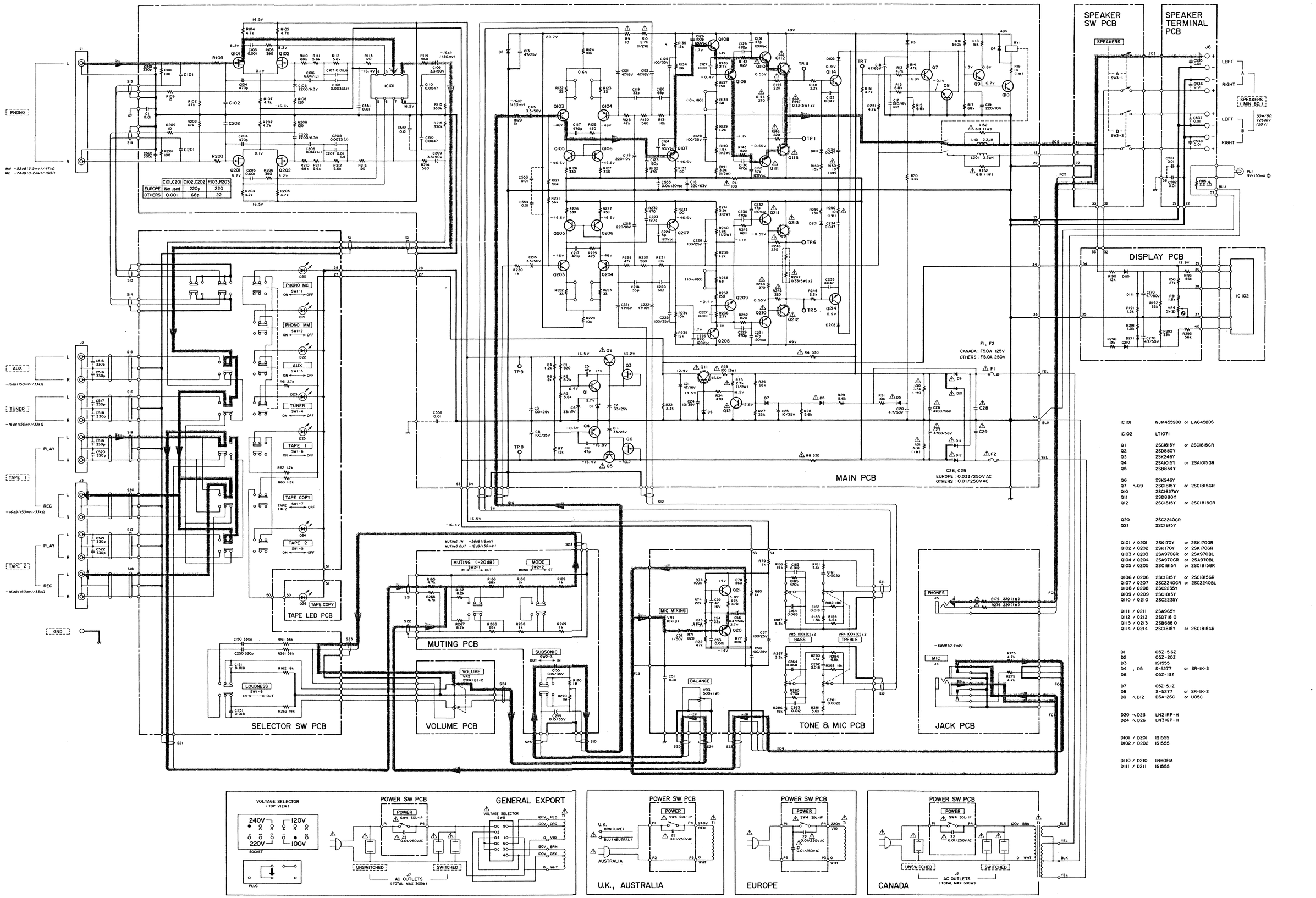


NOTES

1. All resistors are 1/4W, ±5%, unless otherwise noted. Resistor values are in ohms (k=1,000 ohms).
2. All capacitor values are in microfarads (p=pico-farads).
3. 0 dB=1 V
4. The DC voltages given in each portion are reference values measured under no-signal conditions.
5. ⚠ Parts marked with this sign are safety critical components. They must always be replaced with identical components - refer to the appropriate parts list and ensure exact replacement.
6. ——— : +B power supply
7. ——— : −B power supply
8. ——— : Audio signal path (shown for L ch only)
9. ▭ : Front panel indication
10. ┈┈ : Rear panel indication

A-505 DC Integrated Stereo Amplifier

TEAC SCHEMATIC DIAGRAM A-707



NOTES

1. All resistors are 1/4W, ±5%, unless otherwise noted.
   Resistor values are in ohms (k=1,000 ohms, M=1,000,000 ohms).
2. All capacitor values are in microfarads (p=pico-farads).
3. 0 dB=1 V
4. The DC voltages given in each portion are reference values measured under no-signal conditions.
5. ⚠ Parts marked with this sign are safety critical components. They must always be replaced with identical components - refer to the appropriate parts list and ensure exact replacement.
6. ——— : +B power supply
7. ——— : −B power supply
8. ▬▬▶ : Audio signal path (shown for L ch only)
9. ▭ : Front panel indication
10. ┈┈┈ : Rear panel indication

A-707 DC Integrated Stereo Amplifier