

SERVICE MANUAL

TD-1120

AM / FM Stereo Tuner

TD-1121

MW / LW / FM Stereo Tuner

 **Sherwood**

Specifications

FM SECTION

Tuning Range	87.5—108.0MHz
Scanning Frequency Interval (Auto/Manual)	
USA/Australia Version	0.1MHz
Europe Version	0.05MHz
Usable Sensitivity IHF at $S+N+D/ND=30dB$, $2.0\mu V/(11.2dBf)$	
THD at 1KHz, 100% MOD,	
Mono	0.2%
Stereo	0.4%
Stereo Separation at 1 KHz	45dB
Signal to Noise Ratio IHF,	
Mono	70dB
Stereo	65dB
Frequency Response 20Hz—15KHz	+0.5/—3dB
Audio Output Voltage, 1KHz, 100% Mod	600mV
De-emphasis	Europe/Australia
Version	50 μ sec

AM/MW/LW SECTION

Tuning Range	
USA Version	520—1610KHz
Europe/Australia Version	531—1620KHz
MW	531—1602KHz
LW	153—281KHz
Scanning Frequency Interval (Auto/Manual)	
USA/MW Version	10KHz
Europe/Australia Version	9KHz
LW	1KHz
Usable Sensitivity IHF at $S+N/N=20dB$,	
Loop Antenna	800 $\mu V/m$
MW	800 $\mu V/m$
LW	1600 $\mu V/m$
Signal to Noise Ratio, 30% Mod ref	45dB
MW	45dB
LW	40dB
Audio Output Voltage, 400Hz, 30% Mod	160mV
Power Consumption	10Watts
Unit Dimension (W×H×D)	440×70×225mm
Unit Weight	3Kg

Note: Design and specifications subject to change without notice for improvements.

Electrical Measurements & Adjustment

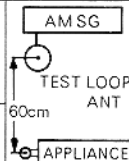
* Before making adjustment, operate the appliance for more than 2 minutes.

TUNER SECTION

- ※Note: 1.0dB = 1μV
2. FM 100% Mod. = 75KHz Dev.
3. DVM = Digital Volt Meter
4. SG = Signal Generator
5. SSG = Stereo Signal Generator

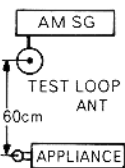
1. MW Adjustment

- Selector..... TUNER, MW (AM)
- In case of 2band appliance (AM/FM), MW is converted into AM.

No.	Subject	Feed Signal		Setting	Measure	Adjust	Adjust	Remark
		From	To	Appliance	Output	Point	For	
1	TUNING VOLTAGE	520KHz	1610KHz	*1)520KHz	TP6 Connect DVM	L203	DC1 ±0.2V	
				* 2)1610KHz	Same as above	TC203	DC9 ± 0.3V	
		• Repeat the step * 1) and * 2) until DVM reads the tuning voltage mentioned above. • In case the freq. step is 9KHz, the freq. of AM SG and appliance should be changed to *1)531KHz and *2)1602KHz.						
2	IF	AM IF Genescope	ANT	1000 KHz	Connect IF Genescope	L205	Symmetrical curve on AM IF Genescope	
3	RF TUNING	* 1) AM SG 600KHz, 77dB 400Hz(30% Mod.)	ANT	600KHz	Output Connect AC Voltmeter & Oscilloscope	L202	Maximize audio output	
		* 2) AM SG 1400KHz, 77dB	ANT	1400KHz	Same as above	TC202	Same as above	
		• FEED SIGNAL should be fed to Loop ant. through the Test Loop ant., 60cm distant from the appliance. • Repeat the step *1) and * 2) until no further improvement occurs. • In case the freq. step is 9KHz, the freq. of AM SG and appliance should be changed to * 1) 603KHz and * 2) 1404KHz.						
4	SIGNAL METER	AM SG 1000KHz, 82dB 400Hz(30% Mod.)	ANT.	1000KHz		R211	TUNE LED lights slightly	
		• In case the freq. step is 9KHz, the freq. of AM SG and appliance should be changed to 999KHz.						

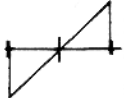
2. LW Adjustment

- Selector..... TUNER, LW
- This adjustment is necessary to 3 band (MW/LW/FM) appliance on

No.	Subject	Feed Signal		Setting Appliance	Measure Output	Adjust Point	Adjust For	Remark
		From	To					
1	TUNING VOLTAGE	153KHz	281KHz	* 1) 153KHz	TP6 Connect DVM	LL204	DC1.2± 0.2V	
				* 2) 281 KHz	Same as above	LTC204	DC5.2± 0.2V	
		• Repeat the step * 1) and * 2) until DVM reads the tuning voltage mentioned above.						
3	RF TUNING	* 1) AM SG 160 KHz, 80dB 400Hz(30% Mod.)	ANT.	160KHz	Output Connect AC Voltmeter & Oscilloscope	LL201	Maximize audio output	
		* 2) AM SG 250 KHz, 80dB 400Hz(30% Mod.)	ANT.	250KHz	Same as above	LTC201	Same as above	
		• FEED SIGNAL should be fed to Loop ant. through the Test Loop ant., 60cm distant from the appliance. • Repeat the step * 1) and * 2) until no further improvement occurs.						

3. FM adjustment

- Selector..... TUNER, FM (MONO/STEREO)
- Deviation..... UL/CSA (75KHz Dev.)
EUROPE (40KHz Dev.)

No.	Subject	Feed Signal		Setting	Measure	Adjust	Adjust	Remark
		From	To	Appliance	Output	Point	For	
1	TUNING VOLTAGE		108MHz	108MHz	TP6 connect DVM	L107	DC 8.8 ± 0.2V	
2	IF	FM IF Genescope	ANT	98MHz	connect IF Genescope	L206	Symmetrical S curve on FM IF Genescope	
					TP4 & TP5 connect DVM		DC 0 ± 50mV	
				Detune	connect Oscilloscope	L206	Maximize noise output	
					TP4 & TP5 connect DVM		DC 0 ± 50mV	In case IF Genescope is not available

Electrical Parts List

3	RF TUNING	*1) FM SG 90MHz, 1.58μV 1KHz(75KHz Dev.)	ANT	90MHz MONO	Output connect AC Volt meter & Distortion Analyzer and Oscilloscope	L101, L102, L203, L204	Maximize audio output	
		*2) FM SG 106MHz, 1.58μV, 1KHz(75KHz Dev.)	ANT	106MHz MONO	Same as above	TC101, TC102	Same as above	
		• Repeat the step *1) and *2) until no further improvement occurs.						
4	THD (MONO)	FM SG 98MHz, 60dB 1KHz(75KHz Dev.)	ANT	98MHz MONO	*1) Output connect DVM	L207	DC 0±0.05V	
					*2) Output connect AC Voltmeter & Distortion Analyzer		Minimize distortion	
		• Adjust the step *1) first, and the step *2) next, and repeat until no further improvement occurs.						
5	MPX (VCO)	FM SSG 98MHz, 60dB 1KHz(75KHz Dev.) pilot 19KHz (9% Mod.)	ANT	98MHz STEREO	TP3 connect Freq. Counter	VR301	Read 76KHz	
		• Before adjustment, set the FM SSG to "Mod. OFF."						
6	THD (STEREO)	FM SSG 98MHz, 60dB 1KHz(75KHz Dev.) pilot 19KHz (9% Mod.)	ANT	98MHz STEREO	Output connect AC Volt meter & Distortion	T101	Minimize distortion	
7	MUTE LEVEL	FM SG 98MHz, 10μV 1KHz(75KHz Dev.)	ANT	98MHz STEREO	Output connect Oscilloscope	R212	Muting occurs marginally	
8	SEPARATION	*1) FM SSG 98MHz, 60dB 1KHz(75KHz Dev.) pilot 19KHz(9% Mod) (L ch MOD.)	ANT	98MHz STEREO	R Ch Output connect AC Volt meter & Distortion Analyzer and Oscilloscope	R311	Minimize Output	
		*2) Same as above (R ch MOD.)			L ch Output connect same as above	R311	Minimize Output	
		• Repeat the step *1) and *2) until no further improvement occurs.						

Ref No.	Parts No.	Description	Position	Remark
• ICS				
IC201	2168017128	LA1266	3C	
IC301	2168411105	HA12016	3B	
IC501	2138010101	MN1527KMA	1B	
• TR & FETS				
Q101	2018213100	FET 3SK74L	2D	
Q102	2018206110	FET 2SK161	3D	
Q103	2008406103	KTC1293Y	2D	
Q104~105	2008406103	KTC1293Y	3D	
Q106	2008406101	LM9018F	2D	
Q201	2208606104	KTC1815Y	3C	
LQ202~	2208606104	KTC1815Y	2C	LW
LQ205				
Q401L/R~	2208606104	KTC1815Y	2B	
Q404				
Q407	2208606104	KTC1815Y	3A	
Q409	2208606104	KTC1815Y	3A	
LQ411	2208606104	KTC1815Y	3A	LW
Q504	2208606104	KTC1815Y	1B	
Q406	2208206105	KTA1015Y	3A	
Q408	2208206105	KTA1015Y	3A	
LQ410	2208206105	KTA1015Y	3A	LW
Q505	2208206105	KTA1015Y	1B	
Q501	2018211100	FET 2SK168D	1A	
Q502	2208606108	KTC2240BL	1A	
• VARACTOR DIODES				
VD101/	2058819107	KV1310A-3	2D	
102/104				
VD103	2058819107	KV1310A-3	2D	FTZ
VD201,	2058819106	KV1236Z	2C	AM/FM
202,203				
VD201,	2058819106	KV1235Z	2C	MW/LW/FM
202,203				
• COILS				
L101	2648001260	FM ANT (A)	2D	
L102	2648001270	FM ANT (B)	2D	
L203	2648001280	FM RF(A)	2D	
L204	2648001290	FM RF(B)	2D	
L106	2648601400	Inductor 2.2μH	2D	
L107	2638001060	FM OSC	3D	
LL201	2608201130	LW Matching Coil	2C	LW
L202	2608201120	AM RF	2C	
L203	2638201150	MW OSC	2C	
LL204	2638401060	LW OSC	2C	LW
• FILTERS				
CF201	390800150	C.F SFZ450B	2C	
CF202	3908001020	C.F BFU450CN	2C	
CF204,CF101	3908011001	C.F 10.7 MA8	2C,2D	
CF102	3908011001	C.F 10.7 MS3Gr-A	2C	LW
• LEDS				
LED	2308220130	SW 56 URC RED	4C	
LCD	2338009920	SLC-60106RSN	2A	
• TRIMMERS				
TC101~103	3838001000	C.T TZ03R-110F	2D	
TC202	3838001000	C.T TZ03R-110F	2C	
TC203	3838001000	C.T TZ03R-110F	2C	
LTC201	3838001000	C.T TZ03R-110F	2C	LW
LTC204	3838001000	C.T TZ03R-110F	2C	LW
• RESISTERS				
R409	3039339472	M.O 3.3 ohm 1W	2A	
R412	3039101572	M.O 100ohm 2W	3A	
R506	3039151472	M.O 150ohm 1W	1A	
R208	3009220273	C.F 22 ohm 1/4W	3C	
R301	3009220273	C.F 22 ohm 1/4W	3B	
R107	3069560970	C.F 560 ohm 1/2W	2D	
R210	3069820920	C.F 820 ohm 1/2W	3C	
R128	3009101273	C.F 100 ohm 1/4W	3D	
R123	3069101970	C.F 100 ohm 1/2W	3D	
R502	3069151970	C.F 150 ohm 1/2W	1A	
R106,R114	3069181970	C.F 180 ohm 1/2W	2D	
R519	3069181970	C.F 180 ohm 1/2W	1B	
R127	3069331970	C.F 330 ohm 1/2W	3C	
R203	3009471273	C.F 470 ohm 1/4W	2C	
R126,R112	3069471970	C.F 470 ohm 1/2W	2D	

Ref No.	Parts No.	Description	Position	Remark
R505	3069471970	C.F 470 ohm 1/2W	1A	
R113	3069561970	C.F 560 ohm 1/2W	2D	
R115,125	3069561970	C.F 560 ohm 1/2W	3D	
R410	3069561970	C.F 560 ohm 1/2W	2A	
R413,416	3069821970	C.F 820 ohm 1/2W	3A	
R305	3069102970	C.F 1K ohm 1/2W	3B	
R414,417	3069102970	C.F 1K ohm 1/2W	3A	
R411	3069102970	C.F 1K ohm 1/2W	2A	
R501,503	3069102970	C.F 1K ohm 1/2W	1A	
R110,124	3069222970	C.F 2.2K ohm 1/2W	2D	
R215,120	3069222970	C.F 2.2K ohm 1/2W	2C	
R205	3069222970	C.F 2.2K ohm 1/2W	3C	
R313,314	3069222970	C.F 2.2K ohm 1/2W	3B	
R404,315L/R	3069222970	C.F 2.2K ohm 1/2W	2B	
316L/R				
R228	3069272970	C.F 2.7K ohm 1/2W	2B	
R317L/R	3069332970	C.F 3.3K ohm 1/2W	2B	
R308	3069392970	C.F 3.9K ohm 1/2W	2B	
R402	3069472970	C.F 4.7K ohm 1/2W	2B	
R302	3069562970	C.F 5.6K ohm 1/2W	3C	
R303,304	3069562970	C.F 5.6K ohm 1/2W	3B	
R406	3069562970	C.F 5.6K ohm 1/2W	2B	
R119	3069822970	C.F 8.2K ohm 1/2W	3D	
R118	3069103970	C.F 10K ohm 1/2W	3D	
R213,415	3069103970	C.F 10K ohm 1/2W	2C	
R206,218,219	3069103970	C.F 10K ohm 1/2W	3C	
R401,405	3069103970	C.F 10K ohm 1/2W	2B	LW
R418,LR419	3069103970	C.F 10K ohm 1/2W	3A	
R504,524	3069103970	C.F 10K ohm 1/2W	1A	
R510,511,517	3069103970	C.F 10K ohm 1/2W	1B	
R518,520	3069103970	C.F 10K ohm 1/2W	1B	
R209	3069183970	C.F 18K ohm 1/2W	3C	
R201,202,214	3069223970	C.F 22K ohm 1/2W	2C	
LR224	3069223970	C.F 22K ohm 1/2W	2C	
R310,312	3069223970	C.F 22K ohm 1/2W	3B	
R516	3069223970	C.F 22K ohm 1/2W	3B	
R111	3069273970	C.F 27K ohm 1/2W	2D	
R103,109	3069333970	C.F 33K ohm 1/2W	2D	
R117	3069333970	C.F 33K ohm 1/2W	3D	
R105	3069473970	C.F 47K ohm 1/2W	2D	
R403,407	3069473970	C.F 47K ohm 1/2W	2B	
R116	4069473970	C.F 47K ohm 1/2W	3D	
R512~515	3069473970	C.F 47K ohm 1/2W	1B	
R521~523	3069473970	C.F 47K ohm 1/2W	1B	
LR221	3069473970	C.F 47K ohm 1/2W	2C	LW
LR222	3069473970	C.F 47K ohm 1/2W	2C	LW
LR226	3069473970	C.F 47K ohm 1/2W	2C	LW
LR227	3069473970	C.F 47K ohm 1/2W	2C	LW
R307	3069513970	C.F 51K ohm 1/2W	2B	
R309	3069513970	C.F 51K ohm 1/2W	3B	
R204	3069683970	C.F 68K ohm 1/2W	2C	
R311	3069683970	C.F 68K ohm 1/2W	3B	
R101,104	3069104970	C.F 100K ohm 1/2W	2D	
R216,217	3069104970	C.F 100K ohm 1/2W	3C	
R306	3069104970	C.F 100K ohm 1/2W	3B	
R122	3069474970	C.F 470K ohm 1/2W	3D	
R102	3069105970	C.F 1M ohm 1/2W	2D	
LR225	3069155970	C.F 1.5M ohm 1/2W	2C	LW
VR301	3248333220	SEMI 3.3K ohm	3B	
R211,212	3248332230	SEMI 22K ohm	2C	
LR220	3069104970	C.F 100K ohm 1/2W	2C	LW
LR223	3069104970	C.F 100K ohm 1/2W	2B	LW
• CAPACITORS				
C101,C107	3579101130	Ceramic 100PF/50V	2D	
C102	3579102530	Ceramic 0.001μF/50V	2D	
C103	3579223530	Ceramic 0.023μF/50V	3D	
C104,106	3579223540	Ceramic 0.023μF/50V	2D	
C105	3579102530	Ceramic 1000PF/50V	2D	
C108,109	3529809210	Ceramic 8PF/50V(CH)	3D	
C110	3579103530	Ceramic 0.01PF/50V	2D	
C111,112	3579223530	Ceramic 0.022PF/50V	3D	
C113,114	3529209210	Ceramic 2PF/50V(CH)	3D	
C115	3529609110	Ceramic 6PF/50V(RH)	3D	
C116	3529109210	Ceramic 1PF/50V(CH)	3D	
C117	3529809110	Ceramic 8PF/50V(RH)	3D	
C118	3529330210	Ceramic 33PF/50V(CH)	3D	
C119	3529150110	Ceramic 15PF/50V(RH)	3D	
C120,121	3579103530	Ceramic 0.01μF/50V	3D	
C122	3579472530	Ceramic 0.0047μF/50V	3D	
C123	3409210131	Elect 100μF/16V	3D	

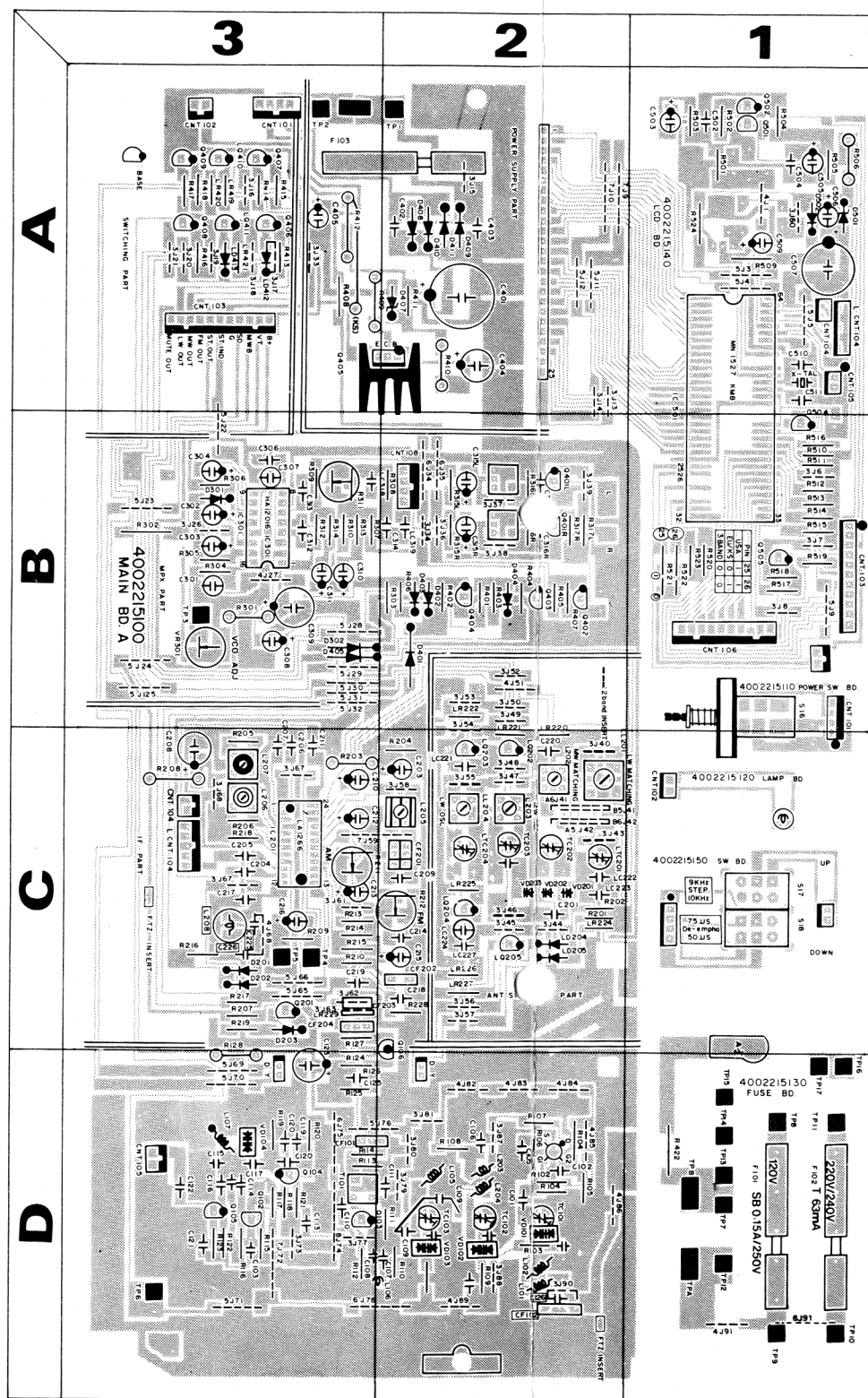
Parts List & Top & Bottom View of P.C Boards

Ref No.	Parts No.	Description	Position	Remark
C125	3579223530	Ceramic 0.023 μ F/50V	2D	
C201	3579473530	Ceramic 0.047 μ F/50V	2C	
C202	3619471110	Poly 470p	2C	
C203	3479210061	Elect 10 μ F/35V	2C	
C204,205	3579102530	Ceramic 0.001 μ F/50V	3C	
C206,207	3579473530	Ceramic 0.047 μ F/50V	3C	
C208	3479210061	Elect 10 μ F/35V	3C	
C209	3579470130	Ceramic 47PF/50V	2C	
C210	3479210061	Elect 10 μ F/35V	2C	
C211	3579103530	Ceramic 0.01 μ F/50V	3C	
C212	3479247971	Elect 4.7 μ F/50V	2C	
C213	3479210061	Elect 10 μ F/35V	2C	
C214	3579470130	Ceramic 0.047 μ F/50V	2C	
C215,C216	3479233971	Elect 3.3 μ F/50V	2C, 3C	
C217	3579331130	Ceramic 330PF/50V	3C	
C218	3679322120	Mylar 0.0032 μ F/100V	2C	
C219	3679563120	Mylar 0.056 μ F/100V	3C	
C220	3579223530	Ceramic 0.022 μ F/50V	2C	
LC221	3579473530	Ceramic 0.047 μ F/50V	2C	LW
LC222	3579270530	Ceramic 27PF/50V	2C	LW
LC223	3579103530	Ceramic 0.01 μ F/50V	2C	LW
LC224	3619171110	Poly 170P	2C	LW
LC225,226	3579101130	Ceramic 100PF/50V	LW	
C301	3619102110	Poly 1000P	3B	
C302	3479210971	Elect 1 μ F/50V	3B	
C303,304	3479233971	Elect 3.3 μ F/50V	3B, 3B	
C305	3479210970	Elect 1 μ F/50V	3B	
C306	3679473120	Mylar 0.047 μ F/100V	3B	
C307	3619681110	Poly 680P	3B	
C308	3479222971	Elect 2.2 μ F/50V	3B	
C309	3409222131	Elect 220 μ F/16V	3B	
C310,C311	3479222041	Elect 22 μ F/25V	3B, 3B	
C312,C313	3679152120	Mylar 0.0015 μ F/100V	3B, 3B	
C314	3579221130	Ceramic 220PF/50V	2B	
C315L/R	3479210971	Elect 1 μ F/50V	2B	
C316L/R	3679392120	Mylar 0.0039 μ F/100V	2B	
LC318,319	3679472120	Mylar 0.0047 μ F/100V	2B	LW
C318	3479210871	Elect 0.1 μ F/50V	2B	
C401	3409210241	Elect 1000 μ F/25V	2A	
C402	3679223120	Mylar 0.022 μ F/100V	2A	
C403		Mylar 0.022 μ F/100V	2A	
C404	3409210141	Elect 100 μ F/25V	2A	
C501	3579102530	Ceramic 0.001 μ F/50V	1A	
C502	3479210971	Elect 1 μ F/50V	1A	
C503,504	3579103530	Ceramic 0.01 μ E/50V	1A, 1A	
C505,506	3479247031	Elect 47 μ F/16V	1A, 1A	
C507	3409222211	Elect 2200 μ F/6.3V	1A	
C509	3479210971	Elect 1 μ F/50V	1A	
C510,511	3479210971	Ceramic 220PF/50V(CH)	1A	
●CONNECTORS				
Connector	4358502180	Ass'y 2P 180M/M	1A	
Connector	4358502181	Ass'y 2P 180M/M	3D	
Connector	4368504160	Ass'y 4P 160M/M	3A	
Connector	4358502120	Ass'y 2P 120 M/M	3A	
Connector	4358510100	Ass'y 10P 100M/M	4C	
Connector	4358511180	Ass'y 11P 180M/M	1B	
●FUSES				
Fuse	5508110931	SB 31.8M/M 0.15A/250V	1A	A
Fuse	5508300534	TL 20M/M 63MA/250V	1A	B,C,D,E,F
●TRANSFORMERS				
Transformer	2828055607	Power Transformer	A	
	2828056907	Power Transformer	B	
	2828056707	Power Transformer	C,D	
	2828057007	Power Transformer	E,F	

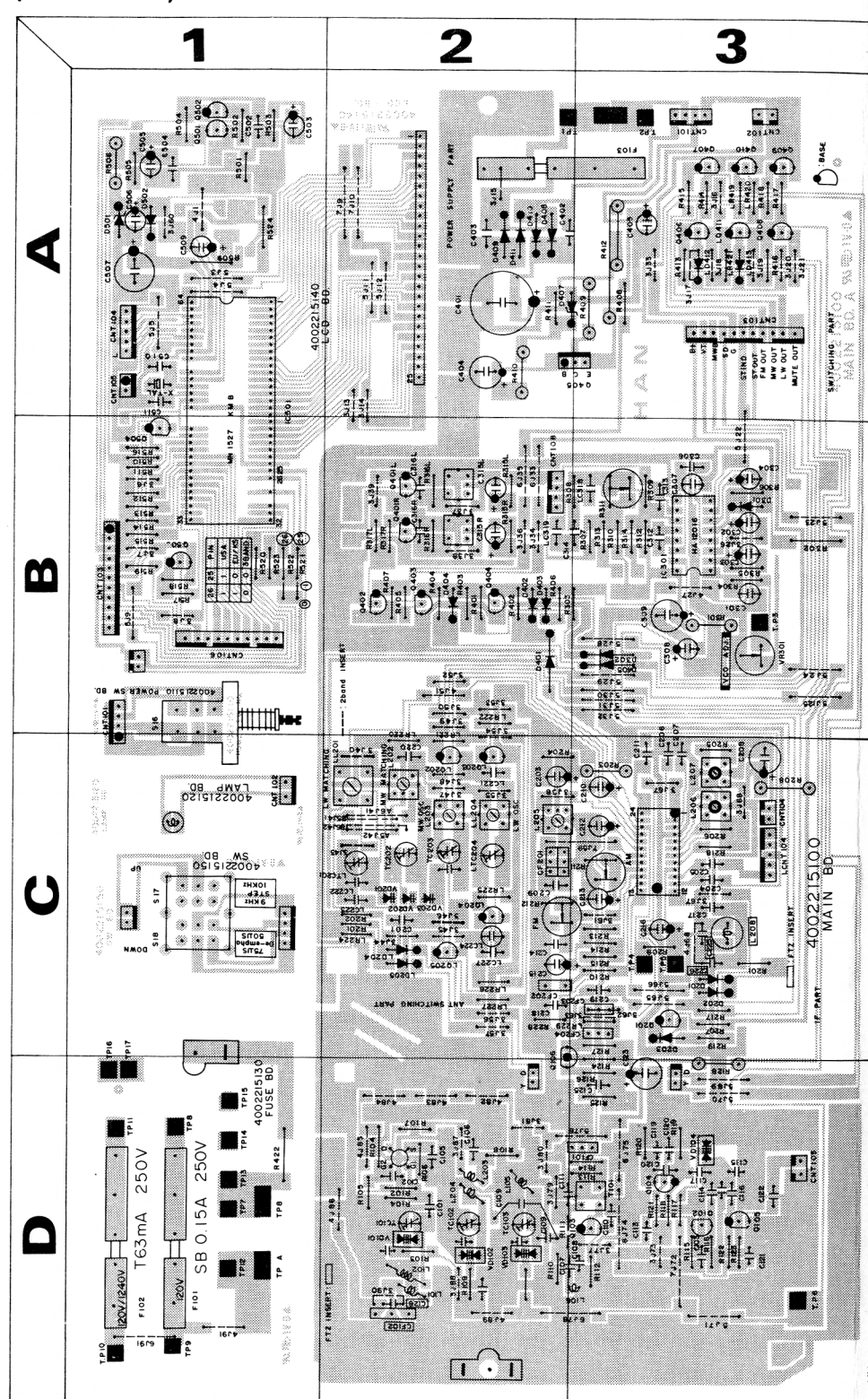
*REMARK

VERSION	COUNTRY	AC INPUT	REMARK
A	USA/CANADA	120V/60Hz	UL CSA
B	U.S. MILITARY/OTHER COUNTRIES	120, 220V/60, 50Hz	
C	GENERAL EUROPE	220V/50Hz	IEC-65
D	GERMANY	220V/50Hz	FTZ
E	AUSTRALIA/BRITISH	240V/50Hz	SAA, BSI
F	SCANDINAVIAN COUN.	220V/50Hz	SE, N, D, F, S

MAIN BOARD 4002215100 (Top View)

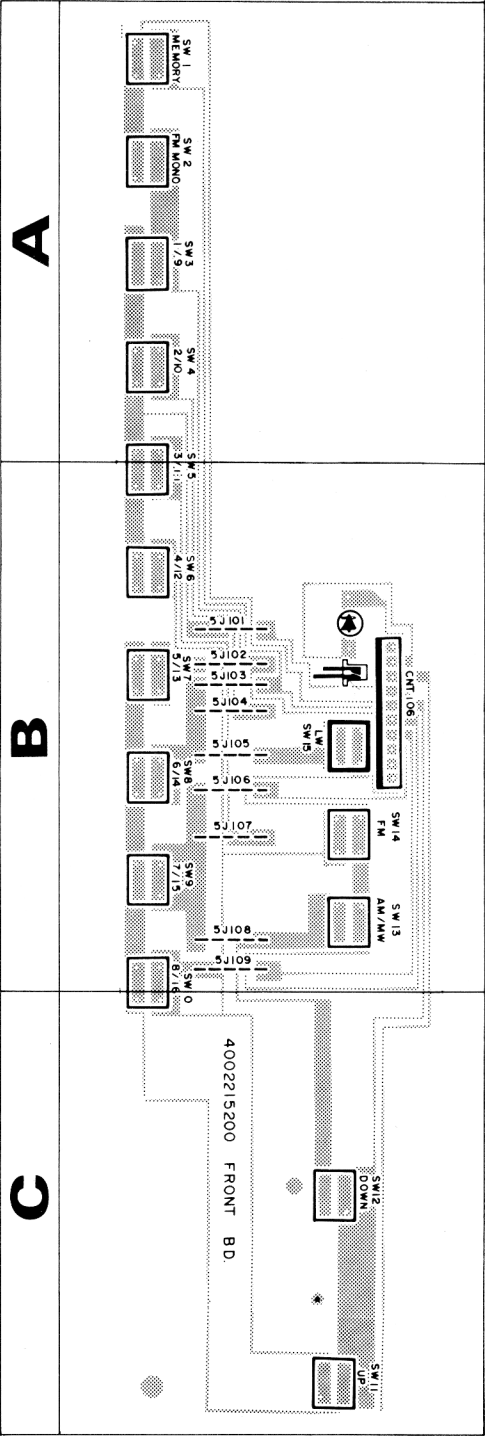


(Bottom View)

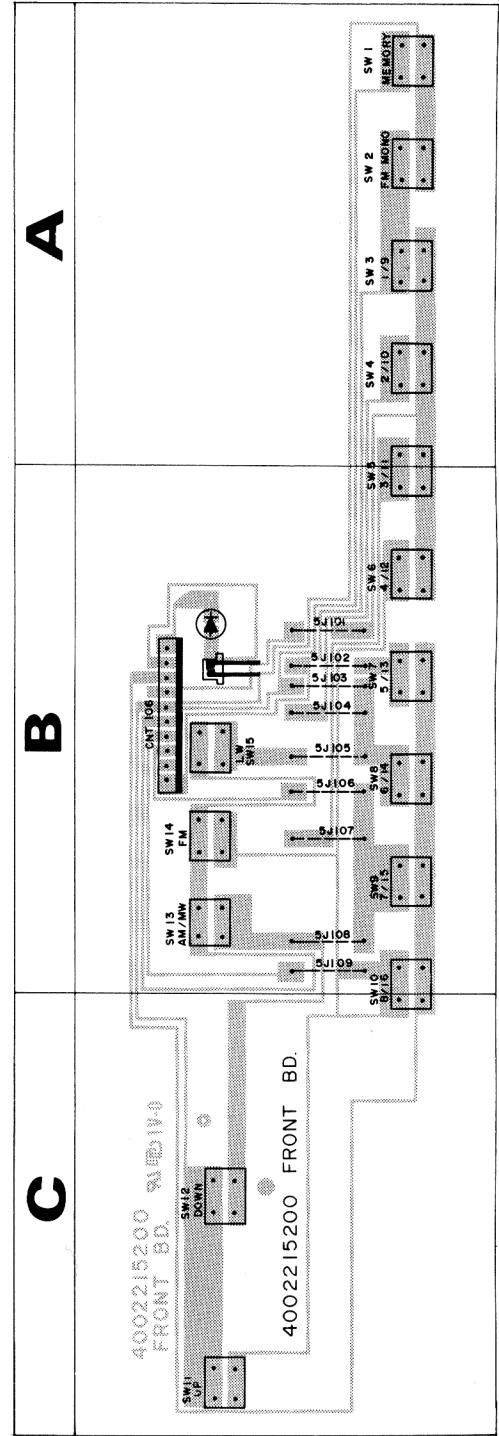


FRONT BOARD 4002215200

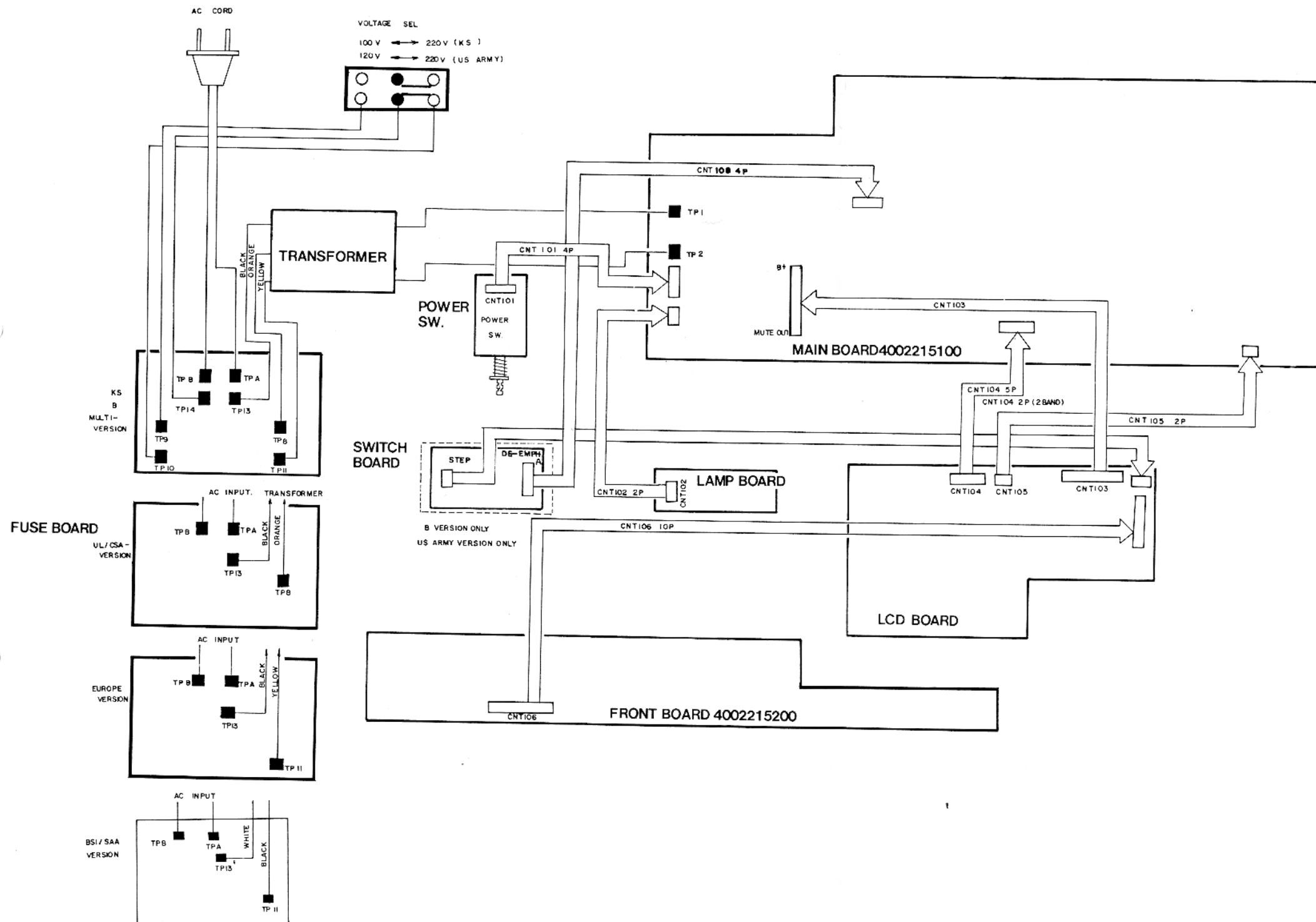
— TOP VIEW —



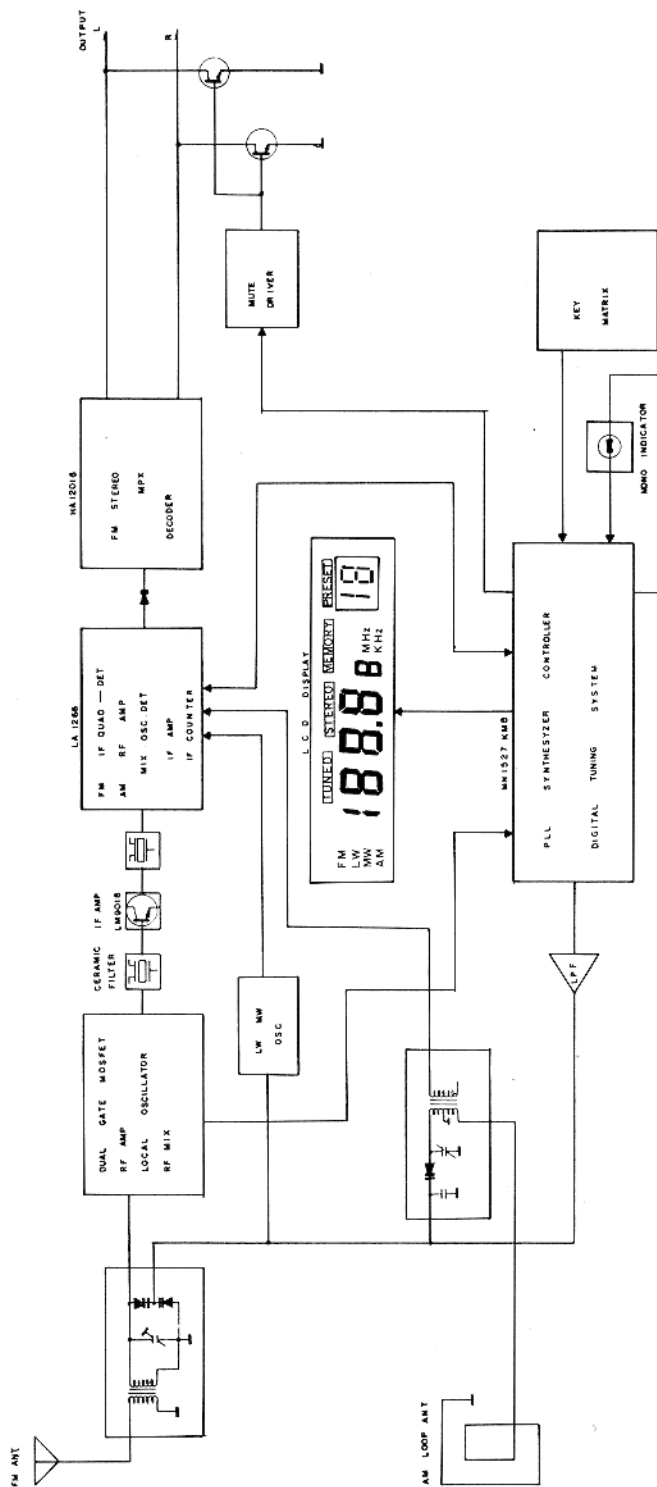
— BOTTOM VIEW —



Point to Point Wiring Diagram



Block Diagram



Parts List & Exploded View of Cabinet & Chassis

NO.	PARTS NO.	DESCRIPTION	POSITION	Q'TY	VERSION
1	048602015111	PANEL FRONT	1D	1	A B C D E F
2	048521004011	BODY FRONT	2C	1	
3	6121602210	MAIN CH	3C	1	
4	046102021921	BACK CH	5A	1	
	046102021931			1	
	046102021941			1	
	046102021951			1	A B C D E F
	046102021961			1	
	046102021971			1	
5	046122015911	TOP COVER	2A	1	
6	048545048211	BUTTON POWER	1D	1	
7	6555004340	SPRING PUSH	1D	1	
8	4628201041	SW PUSH(POWER)	2C	1	A, B, C, E D, F
9	048555016711	FILTER L.C.D	2D	1	
10	6042001210	HOLDER L.C.D	2C	1	
11	2528203810	LAMP	2C	1	
12	048553007511	WINDOW DISPLAY	2E	1	
13	048553008311	WINDOW L.W	2F	1	A, B, C, E, F D
13	048535019011	BADGE		1	
14	8545048710	KNOB TACT(C)	3E	3	
15	6555004350	SPRING PUSH	3E	1	
16	6045006210	GUIDE LED(B)	3D	1	
17	048543014011	KNOB TACK(A-1)	3D	1	A, B, C, D, E, F D
18	048543014111	KNOB TACT(B)	4E	1	
19	4658001810	TACT SW	3D	14	
20	6725002110	CUSHION FOOT	5F	4	
21	048543014012	KNOB TACK(A-2)	4E	1	
22	046035101410	BASE FOOT	3C	2	A, B, C, D, E, F D
23	6123405410	COVER BOTTOM	5B	1	
24	6705004220	SPACER	4C	4	
25	7505201930	H/SINK	4B	1	
26	4438101510	RCA JACK (2P)	5B	1	
27	4408102610	TREMINAL PUSH(4P)	5B	1	A, B, C, D, E, F D
	4408001310	TERMINAL PUSH(2P)		1	
28	6518000210	HOLDER ANT	6B	1	
29	2608207050	AM ANT LOOP	6B	1	
30	4308003910	AC POWER CODR	5A	1	
31	6518000111	STOPPER CORD	6B	1	A, B, C, D, E, F D
32	2828055607	TRANSFORMER	3B	1	
	2828056907			1	
	2828056707			1	
	2828057007			1	
33	8535011010	DIFFUSER	2E	1	A B C D E F
34	8119230083	SCREW #2 PTC 3x8B	1F	3	
35	8129230081	SCREW #2 FTC 3x8 Y	1D	2	
36	8109230081	SCREW #2 BTC 3x8 Y	4E,3D	10	
37	8159440083	SCREW WSAM 4x8 B	3B	4	
38	8119226081	SCREW #2 PTC 2.6x8 Y	4D,3D	9	
39	8109230061	SCREW #2 BTC 3x6 Y	4F,5F	7	A B C D E F
40	8109230083	SCREW #2 BTC 3x8 B	6B,5B	9	
41	8159440081	SCREW WSAM 4x8 Y	3A	2	
42	8159230101	SCREW #2 WPTC 3x14 Y	4B	3	
43	8159230081	SCREW #2 WPTC 3x8Y	5C	2	
44	8305000211	T/FROMER B.K.T	3A	2	
45	6035101410	BASE FOOT	4C	2	A B C D E F
46	6165123710	SHIELD FENCE(A)	5B	1	
47	6160123810	SHIELD FENCE(B)	6C	1	
	6165125030	SHIELD FENCE		1	
	6165125110	SHIELD FENCE(A)		1	
	6165125620	SHIELD BOTTOM(3)		1	
	6165125510	SHIELD CAP(3)		1	A B C D E F
	6165125910	SHIELD FENCE(B)		1	
	4618001610	SLIDE SWITCH		2	
	4618000410	SLIDE SWITCH		1	
	6515000630	HOLDER VOLTAGE		1	
	4438301110	ANT TERMINAL		1	

*REMARK

VERSION	COUNTRY	AC INPUT	REMARK (SAFETY)
A	USA/CANADA	120V/60Hz	UL,CSA
B	US MILITARY/OTHER COUNTRIES	120V/60Hz,220V/50Hz	
C	GENERAL EUROPE	220V/50Hz	IEC-65
D	GERMANY	220V/50Hz	FTZ
E	AUSTRALIA/BRITISH	240V/50Hz	SAA,BSI
F	SCANINABIAN COUNTRY	220V/50Hz	SE,NE,DE,FI,SE

