SA-W2500/W3000/W3800

SERVICE MANUAL

Ver. 1.1 2007.07

photo: SA-W3800

US Model
Canadian Model
SA-W2500/W3000/W3800
AEP Model
SA-W2500/W3800
UK Model
SA-W2500
E Model
Australian Model
SA-W2500/W3000/W3800

SPECIFICATIONS

SA-W3800

AUDIO POWER SPECIFICATIONS
For the U.S.A. model

POWER OUTPUT AND TOTAL HARMONIC DISTORTION:

With 6 ohm loads, from 20 – 200 Hz; rated 120 W, minimum RMS power, with no more than 1 % total harmonic distortion from 250 milliwatts to rated output.

System

Type	Active Subwoofer, (magnetically shielded design)
Speaker unit	Woofer : 38 cm dia. (15 in.), cone type
Continuous RMS output	South American models 180 W (6 ohms, 80 Hz, 10% THD) Other models 200 W (6 ohms, 80 Hz, 10% THD)
Reproduction frequency range	20 Hz – 200 Hz
High frequency cut-off frequency	50 Hz – 200 Hz
Phase selector	NORMAL, REVERSE

Inputs

Input jacks	LINE IN: input pin jack SPEAKER IN: input terminals
Output jacks	LINE OUT: output pin jack SPEAKER OUT: output terminals

General

Power requirements	North American models : 120 V AC, 60 Hz South American models: 120/220/240 V AC, 50/60 Hz European models : 230 V AC, 50/60 Hz Australian models : 240 V AC, 50 Hz Other models: 230 – 240 V AC, 50/60 Hz
Power consumption	100 W
Dimensions	Approx. 440 × 495 × 512 mm (17 3/8 × 19 1/2 × 20 1/8 in.) (w/h/d)
Mass	Approx. 23 kg (50 lb 12 oz)
Supplied accessories	Foot pads (4) Audio connecting cord (1 phono – 1 phono), 2 m (6 ft 6 1/2 in.) (1)

SA-W3000

AUDIO POWER SPECIFICATIONS
For the U.S.A. model

POWER OUTPUT AND TOTAL HARMONIC DISTORTION:

With 6 ohm loads, from 20 – 200 Hz; rated 100 W, minimum RMS power, with no more than 1 % total harmonic distortion from 250 milliwatts to rated output.

System

Type	Active Subwoofer, (magnetically shielded design)
Speaker unit	Woofer : 30 cm dia. (11 7/8 in.), cone type
Continuous RMS output	South American models 160 W (6 ohms, 80 Hz, 10% THD) Other models 180 W (6 ohms, 80 Hz, 10% THD)
Reproduction frequency range	20 Hz – 200 Hz
High frequency cut-off frequency	50 Hz – 200 Hz
Phase selector	NORMAL, REVERSE

Inputs

Input jacks	LINE IN: input pin jack SPEAKER IN: input terminals
Output jacks	LINE OUT: output pin jack SPEAKER OUT: output terminals

General

Power requirements	North American models : 120 V AC, 60 Hz South American models: 120/220/240 V AC, 50/60 Hz Australian models : 240 V AC, 50 Hz Korean models: 220 – 230 V AC, 50/60 Hz Other models: 230 – 240 V AC, 50/60 Hz
Power consumption	100 W
Dimensions	Approx. 360 × 425 × 421 mm (14 1/8 × 16 3/4 × 16 1/2 in.) (w/h/d)
Mass	Approx. 16 kg (35 lb 5 oz)
Supplied accessories	Foot pads (4) Audio connecting cord (1 phono – 1 phono), 2 m (6 ft 6 1/2 in.) (1)

– Continued on next page –

ACTIVE SUBWOOFER

9-887-592-02
2007G02-1
© 2007.07

Sony Corporation
Home Audio Division
Published by Sony Techno Create Corporation

SONY

SA-W2500

AUDIO POWER SPECIFICATIONS

For the U.S.A. model

POWER OUTPUT AND TOTAL HARMONIC DISTORTION:
With 6 ohm loads, from 28 – 200 Hz; rated 60 W, minimum RMS power, with no more than 1 % total harmonic distortion from 250 milliwatts to rated output.

System

Type	Active Subwoofer, (magnetically shielded design)
Speaker unit	Woofer : 25 cm dia. (9 7/8 in.), cone type
Continuous RMS output	South American models 90 W (6 ohms, 80 Hz, 10% THD) Other models 100 W (6 ohms, 80 Hz, 10% THD)
Reproduction frequency range	28 Hz – 200 Hz
High frequency cut-off frequency	50 Hz – 200 Hz
Phase selector	NORMAL, REVERSE

Inputs

Input jacks	LINE IN: input pin jack SPEAKER IN: input terminals
Output jacks	SPEAKER OUT: output terminals

General

Power requirements	North American models: 120 V AC, 60 Hz South American models: 120/220/240 V AC, 50/60 Hz European models: 230 V AC, 50/60 Hz Australian models: 240 V AC, 50 Hz Korean models: 220 – 230 V AC, 50/60 Hz Taiwan models: 110 V AC, 60Hz Other models: 230 – 240 V AC, 50/60 Hz
Power consumption	70 W
Dimensions	Approx. 290 × 350 × 391 mm (11 3/8 × 13 3/4 × 15 3/8 in.) (w/h/d)
Mass	Approx. 10 kg (22 lb 1 oz)
Supplied accessories	Foot pads (4) Audio connecting cord (1 phono – 1 phono), 2 m (6 ft 6 1/2 in.) (1)

Design and specifications are subject to change without notice.

SAFETY CHECK-OUT
(US model)

After correcting the original service problem, perform the following safety checks before releasing the set to the customer: Check the antenna terminals, metal trim, “metallized” knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.

LEAKAGE

The AC leakage from any exposed metal part to earth Ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microampers). Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers’ instructions to use these instruments.

2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.

3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The “limit” indication is 0.75 V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. Nearly all battery operated digital multimeters that have a 2V AC range are suitable. (See Fig. A)

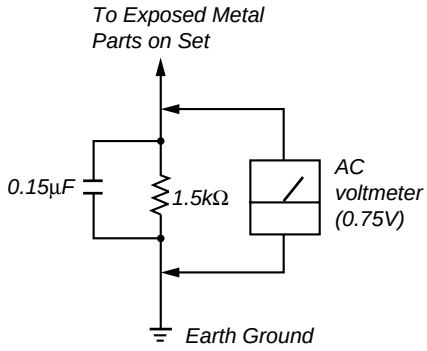


Fig. A. Using an AC voltmeter to check AC leakage.

SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY MARK ⚠ OR DOTTED LINE WITH MARK ⚠ ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

ATTENTION AU COMPOSANT AYANT RAPPORT À LA SÉCURITÉ!!

LES COMPOSANTS IDENTIFIÉS PAR UNE MARQUE ⚠ SUR LES DIAGRAMMES SCHÉMATIQUES ET LA LISTE DES PIÈCES SONT CRITIQUES POUR LA SÉCURITÉ DE FONCTIONNEMENT. NE REMPLACER CES COMPOSANTS QUE PAR DES PIÈCES SONY DONT LES NUMÉROS SONT DONNÉS DANS CE MANUEL OU DANS LES SUPPLÉMENTS PUBLIÉS PAR SONY.

UNLEADED SOLDER

Boards requiring use of unleaded solder are printed with the lead-free mark (LF) indicating the solder contains no lead.
(Caution: Some printed circuit boards may not come printed with the lead free mark due to their particular size)

: LEAD FREE MARK

Unleaded solder has the following characteristics.

- Unleaded solder melts at a temperature about 40 °C higher than ordinary solder.
  Ordinary soldering irons can be used but the iron tip has to be applied to the solder joint for a slightly longer time.
  Soldering irons using a temperature regulator should be set to about 350 °C.
  Caution: The printed pattern (copper foil) may peel away if the heated tip is applied for too long, so be careful!
- Strong viscosity
  Unleaded solder is more viscou-s (sticky, less prone to flow) than ordinary solder so use caution not to let solder bridges occur such as on IC pins, etc.
- Usable with ordinary solder
  It is best to use only unleaded solder but unleaded solder may also be added to ordinary solder.

Notes on chip component replacement

- Never reuse a disconnected chip component.
- Notice that the minus side of a tantalum capacitor may be damaged by heat.

TABLE OF CONTENTS

Specifications 1

1. DIAGRAMS

1-1. Printed Wiring Boards
- INPUT CONTROL, LED And SWITCH boards - 5

1-2. Schematic Diagram
- INPUT CONTROL, LED And SWITCH boards - 6

1-3. Printed Wiring Boards - MAIN board - 7
1-4. Schematic Diagram - MAIN board - 8

2. EXPLODED VIEWS

2-1. Cabinet Section (W2500) 9
2-2. Cabinet Section (W3000) 10
2-3. Cabinet Section (W3800) 11
2-4. Amp Section (W2500) 12
2-5. Amp Section (W3000/W3800) 13

3. ELECTRICAL PARTS LIST 14

SECTION 1
DIAGRAMS

THIS NOTE IS COMMON FOR PRINTED WIRING BOARDS AND SCHEMATIC DIAGRAMS
(In addition to this, the necessary note is printed in each block.)

For Schematic Diagrams.
Note:

- All capacitors are in µF unless otherwise noted. pF: µµF 50 WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4 W or less unless otherwise specified.
- ▭ : panel designation.
- ▬ : B+ Line.
- ▬ ▬ ▬ : B– Line.

Note:	**Note:**
The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une piéce portant le numéro spécifié.

- Voltages are dc with respect to ground under no-signal conditions.
- no mark : Power on
- Voltages are taken with a VOM (Input impedance 10 MΩ).
  Voltage variations may be noted due to normal production tolerances.
- Signal path.
  ⇨ : AUDIO
  ⇨ : MFB (Motional Feed Back)

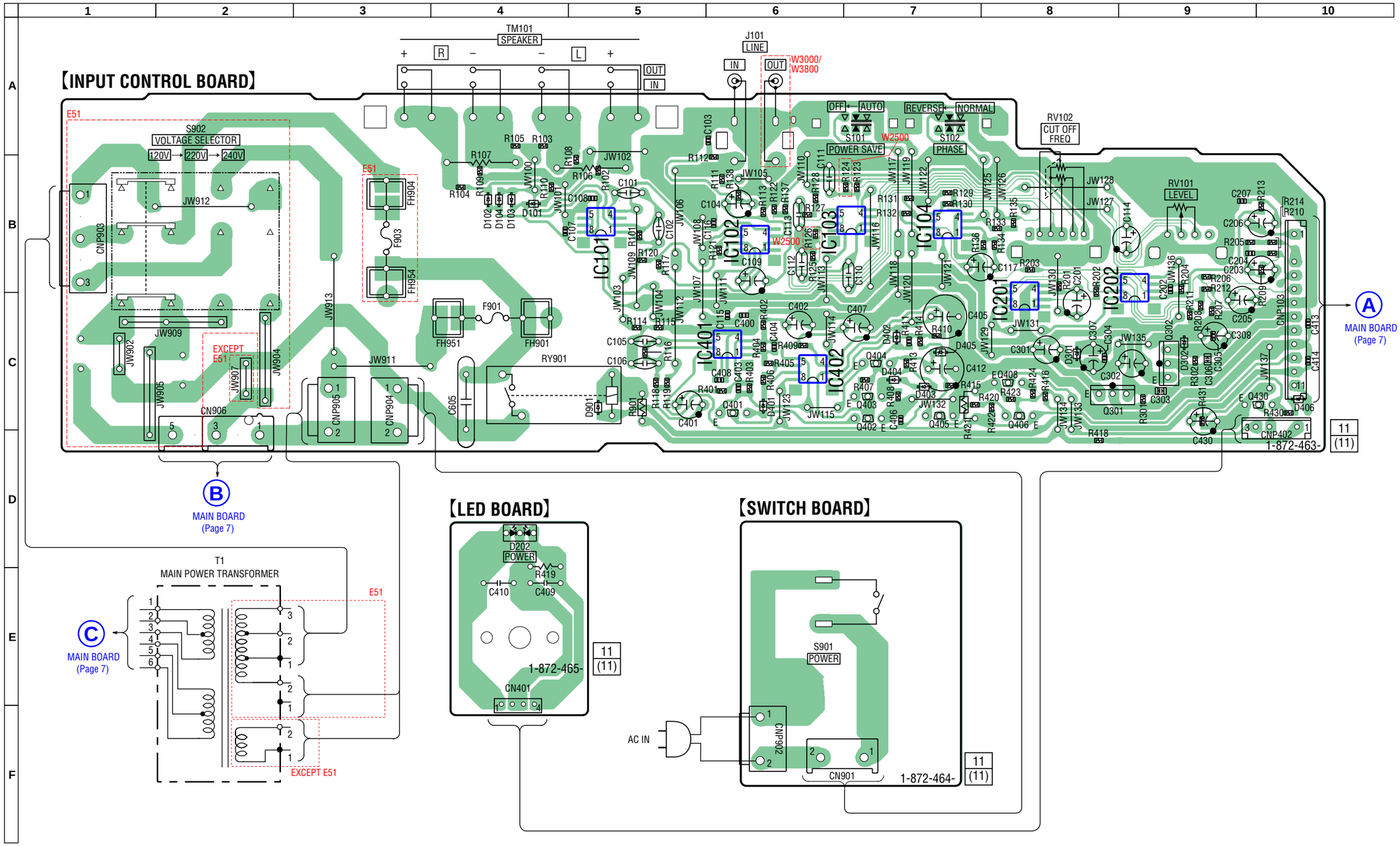
For Printed Wiring Boards.
Note :

- o——— : parts extracted from the component side.
- ●——— : parts extracted from the conductor side.
- ▬ : Pattern from the side which enables seeing.

- Abbreviation
  CND : Canadian model
  MY : Malaysia model
  SP : Singapore model
  AUS : Australian model
  E51 : Chilean and Peruvian model
  KR : Korean model
  TH : Thai model
  TW : Taiwan model

1-1. PRINTED WIRING BOARDS – INPUT CONTROL, LED AND SWITCH BOARDS –

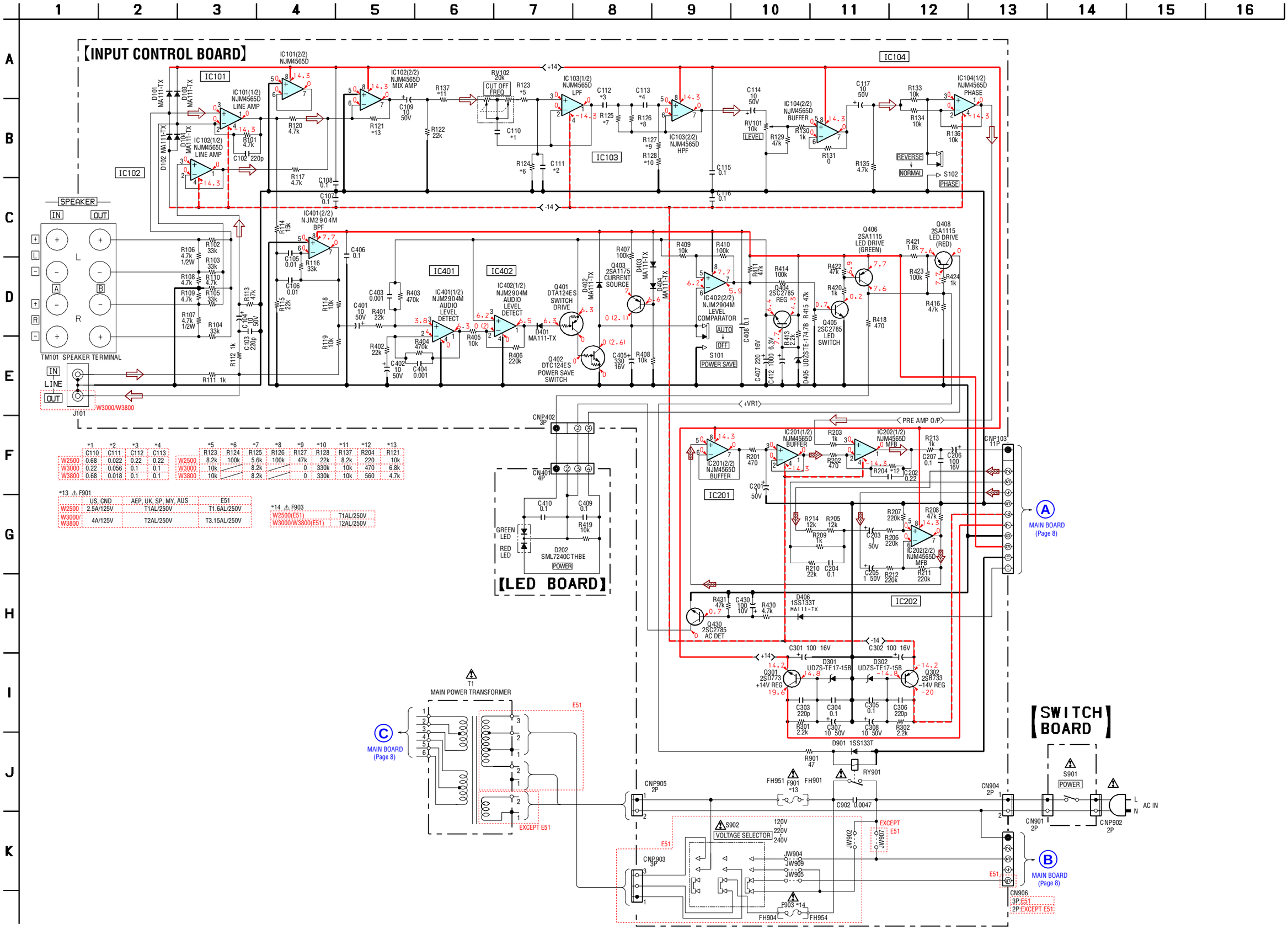
:Uses unleaded solder.



● **Semiconductor Location**

Ref. No.	Location
D101	B-4
D102	B-4
D103	B-4
D104	B-4
D202	D-4
D301	C-8
D302	C-9
D401	C-6
D402	C-7
D403	C-7
D404	C-7
D405	C-7
D406	C-10
D901	C-5
IC101	B-5
IC102	B-6
IC103	B-7
IC104	B-7
IC201	C-8
IC202	B-9
IC401	C-6
IC402	C-6
Q301	C-8
Q302	C-9
Q401	C-6
Q402	C-7
Q403	C-7
Q404	C-7
Q405	C-7
Q406	C-8
Q408	C-8
Q430	C-10

1-2. SCHEMATIC DIAGRAM – INPUT CONTROL, LED AND SWITCH BOARDS –



	*1	*2	*3	*4
	C110	C111	C112	C113
W2500	0.68	0.022	0.22	0.22
W3000	0.22	0.056	0.1	0.1
W3800	0.68	0.018	0.1	0.1

	*5	*6	*7	*8	*9	*10	*11	*12	*13
	R123	R124	R125	R126	R127	R128	R137	R204	R121
W2500	8.2k	100k	5.6k	100k	47k	22k	8.2k	220	10k
W3000	10k		8.2k		0	330k	10k	470	6.8k
W3800	10k		8.2k		0	330k	10k	560	4.7k

*13 ⚠ F901

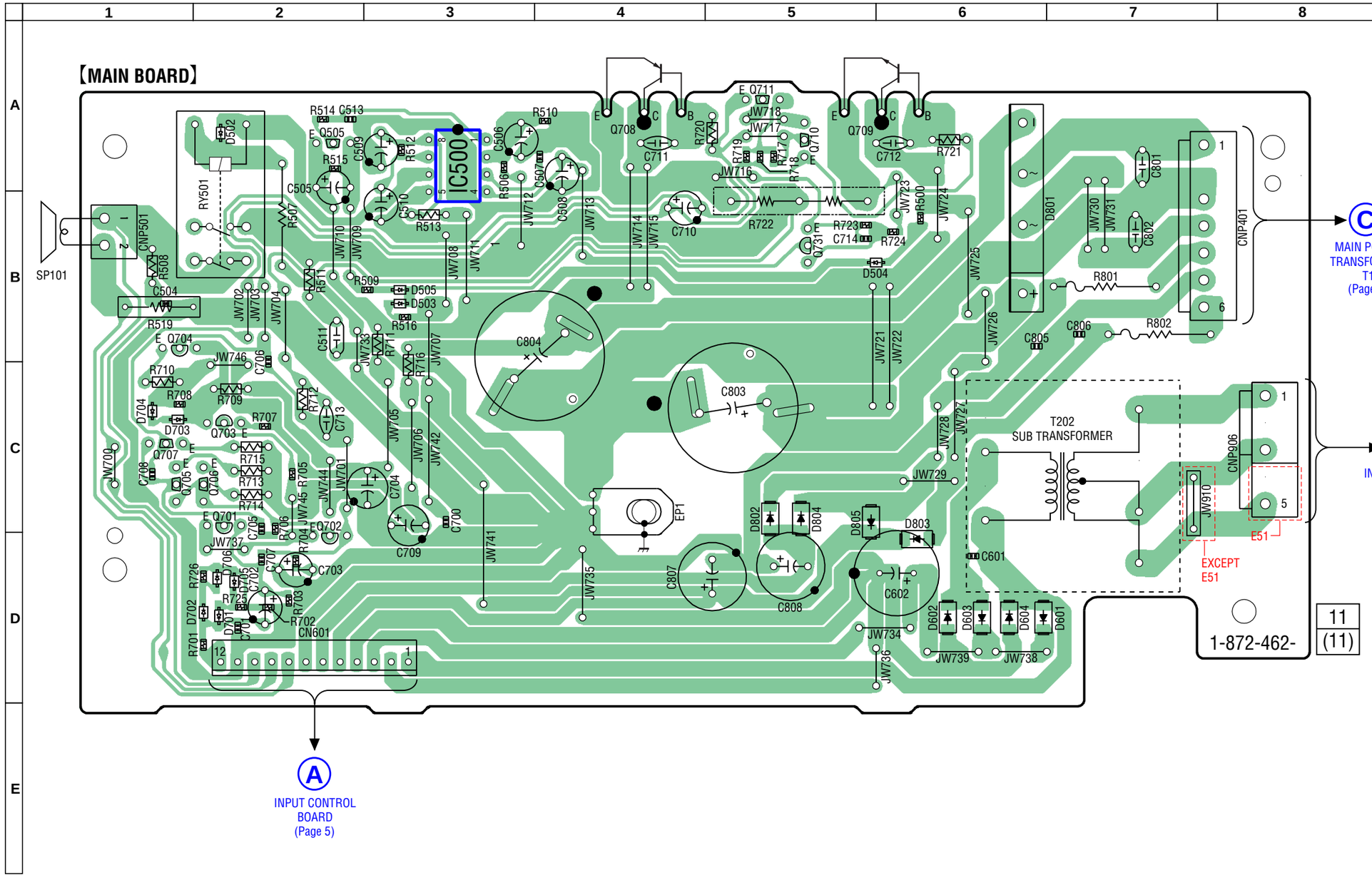
	US, CND	AEP, UK, SP, MY, AUS	E51
W2500	2.5A/125V	T1AL/250V	T1.6AL/250V
W3000/ W3800	4A/125V	T2AL/250V	T3.15AL/250V

*14 ⚠ F903

W2500(E51)	T1AL/250V
W3000/W3800(E51)	T2AL/250V

1-3. PRINTED WIRING BOARDS – MAIN BOARD – :Uses unleaded solder.

【MAIN BOARD】



● **Semiconductor Location**

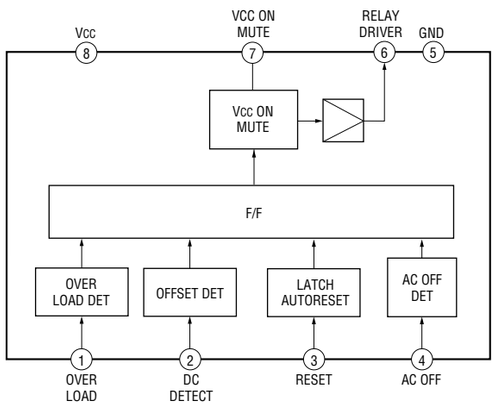
Ref. No.	Location
D502	A-2
D503	B-3
D504	B-5
D505	B-3
D601	D-6
D602	D-6
D603	D-6
D604	D-6
D701	D-2
D702	D-2
D703	C-1
D704	C-1
D705	D-2
D706	D-2
D801	B-6
D802	C-5
D803	D-6
D804	C-5
D805	C-5
IC500	A-3
Q505	A-2
Q701	C-2
Q702	D-2
Q703	C-2
Q704	B-1
Q705	C-1
Q706	C-2
Q707	C-1
Q708	A-4
Q709	A-6
Q710	A-5
Q711	A-5
Q731	B-5

1-4. SCHEMATIC DIAGRAM – MAIN BOARD –

【MAIN BOARD】

- **IC Block Diagrams**

IC500 uPC1237C-A



SECTION 2
EXPLODED VIEWS

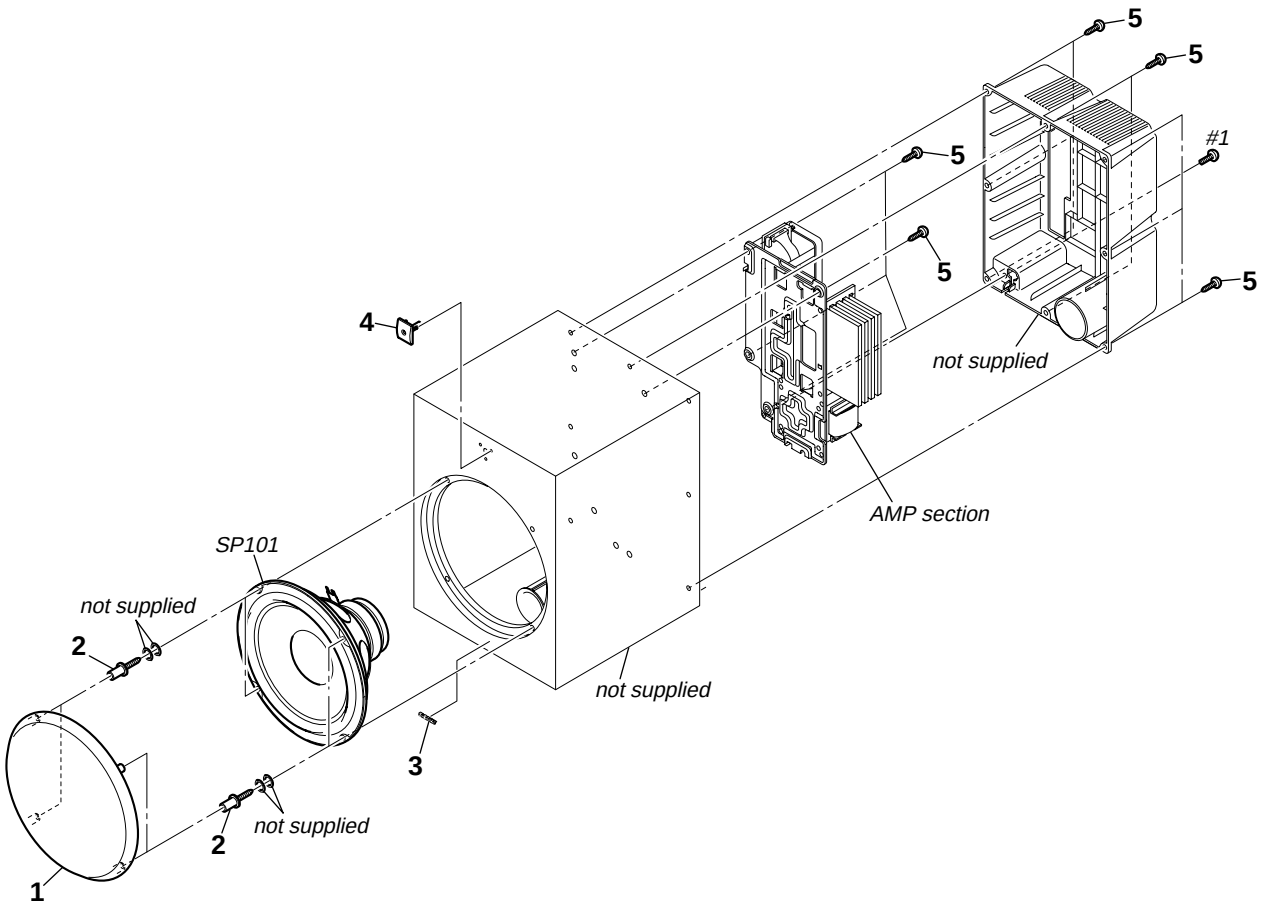
NOTE :

- -XX, -X mean standardized parts, so they may have some difference from the original one.
- Color indication of Appearance Parts
  Example :
  KNOB, BALANCE (WHITE) … (RED)
  ↑ ↑
  Parts color Cabinet's color
- Items marked " * "are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- The mechanical parts with no reference number in the exploded views are not supplied.
- Hardware (# mark) list and accessories and packing materials are given in the last of this parts list.
- Abbreviation
  CND : Canadian model
  MY : Malaysia model
  SP : Singapore model
  AUS : Australian model
  E51 : Chilean and Peruvian model
  KR : Korean model
  TH : Thai model
  TW : Taiwan model

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

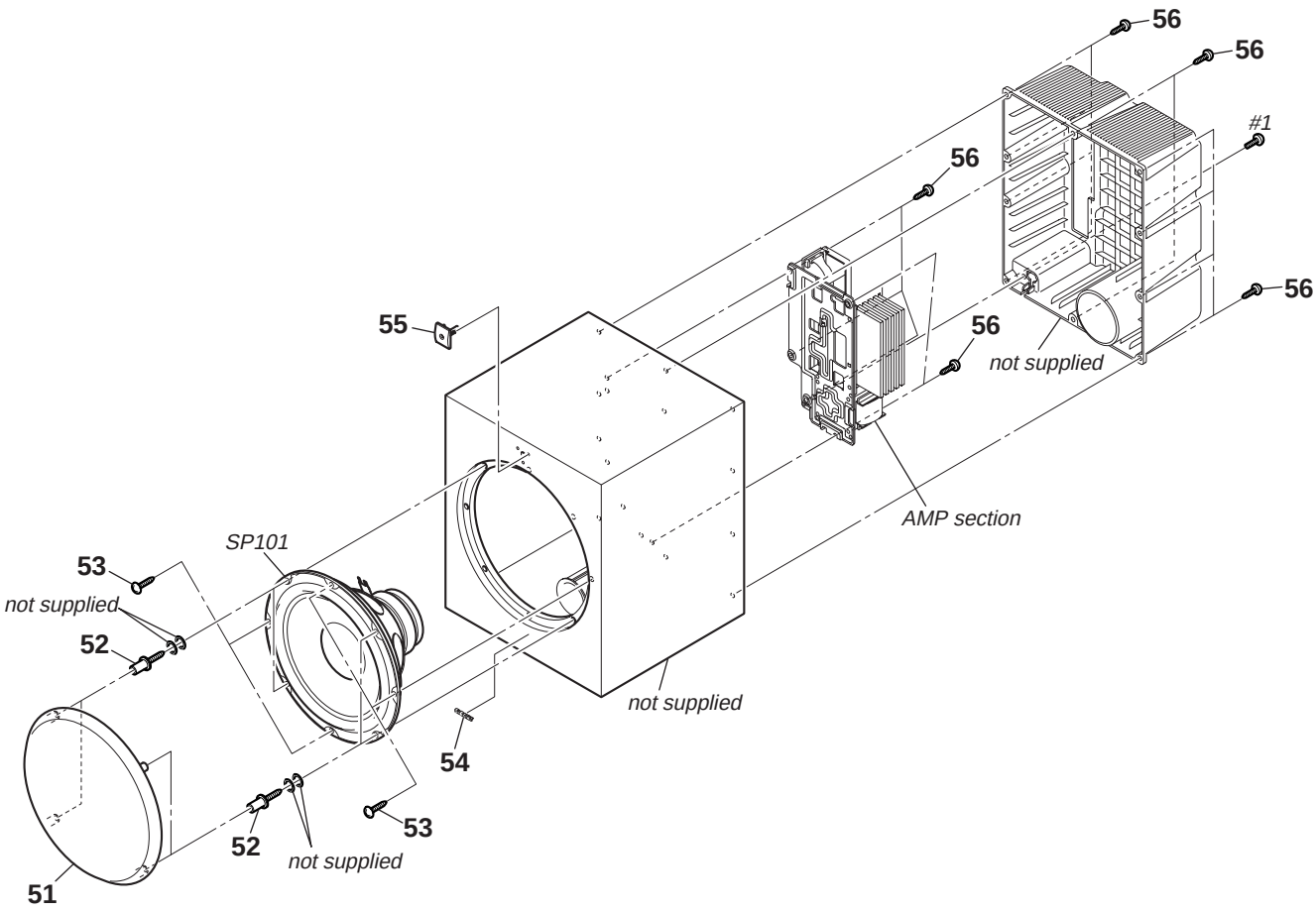
Les composants identifiés par une marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une piéce portant le numéro spécifié.

2-1. CABINET SECTION (W2500)



Ref. No.	Part No.	Description	Remark
1	2-897-815-01	GRILLE FRAME(WITH CLOTH)...(BLACK) (W2500: US, CND, SP, MY, AUS)	
1	2-897-815-11	GRILLE FRAME(WITH CLOTH)...(WOOD) (W2500: AEP, UK, E51, SP, MY, KR, TH, TW)	
2	4-229-774-01	SCREW, TAPPING, HEXAGON SOCKET	
3	4-210-176-31	EMBLEM (NO.6), SONY	
4	A-1224-561-A	PANEL INDICATOR ASSY	
5	4-874-614-52	SCREW (1) (3.5X20), TAPPING	
SP101	1-826-571-11	LOUDSPEAKER (25cm)	
#1	7-685-647-79	SCREW +BVTP 3X10 TYPE2 N-S	

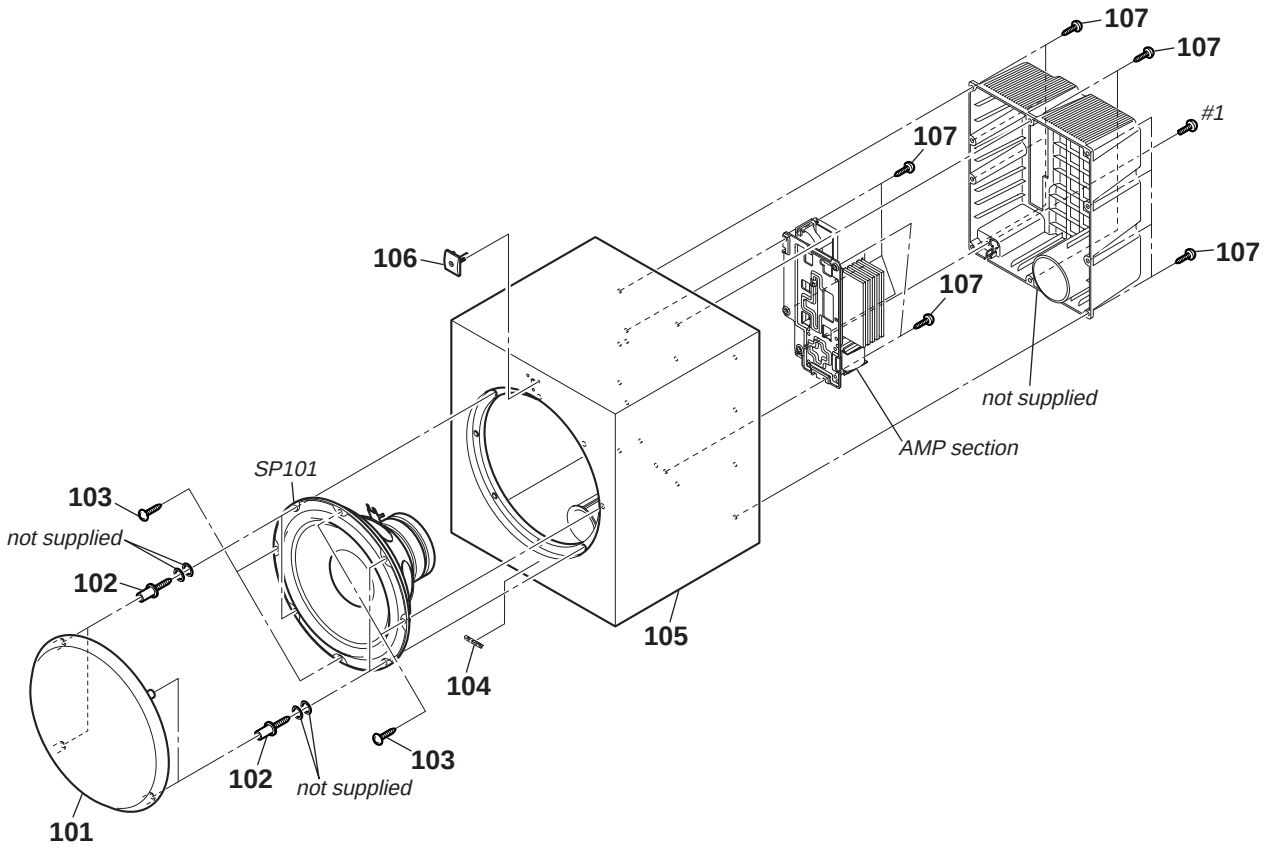
2-2. CABINET SECTION (W3000)



Ref. No.	Part No.	Description	Remark
51	A-1252-419-A	GRILLE FRAME ASSY...(BLACK) (W3000: US, CND, SP, MY, AUS)	
51	A-1252-420-A	GRILLE FRAME ASSY...(WOOD) (W3000: E51, SP, MY, KR, TH)	
52	4-229-774-01	SCREW, TAPPING, HEXAGON SOCKET	
53	4-235-677-01	SCREW (4X20) (TYPE1), +BVTP	
54	4-210-176-31	EMBLEM (NO.6), SONY	

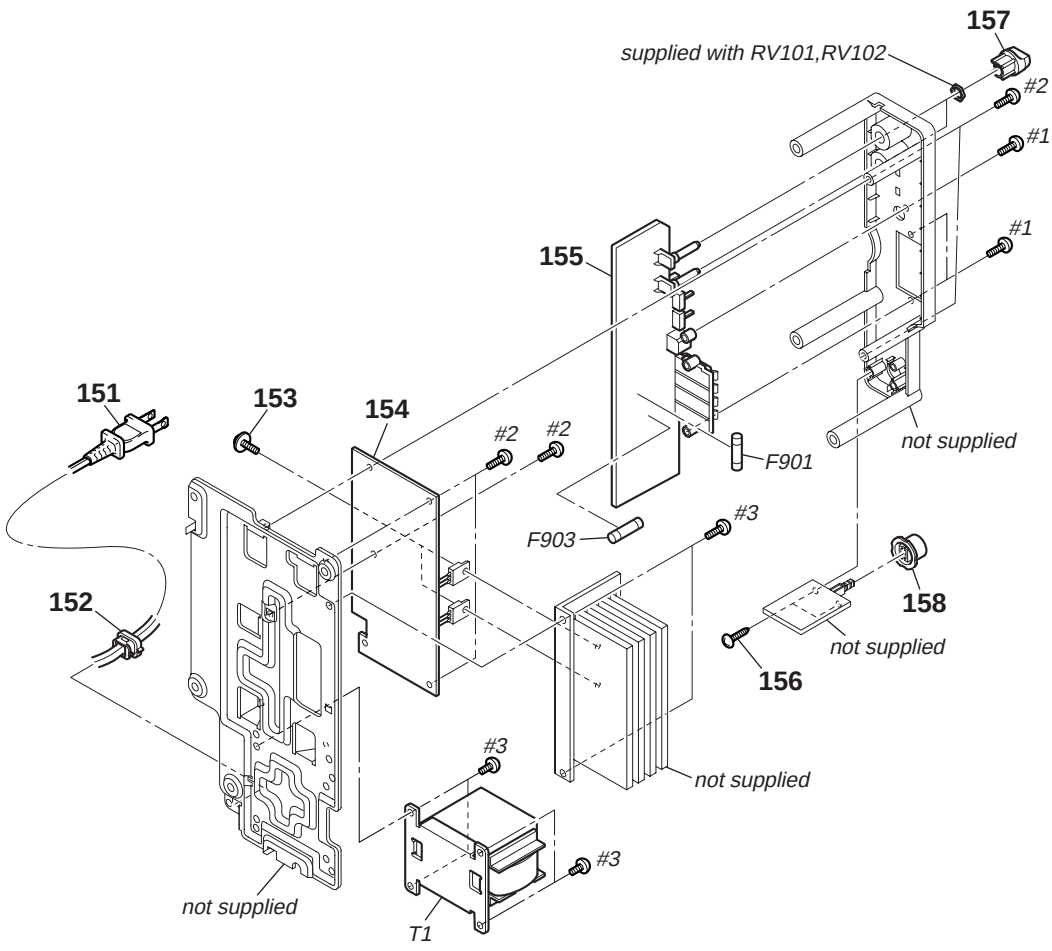
Ref. No.	Part No.	Description	Remark
55	A-1224-561-A	PANEL INDICATOR ASSY	
56	4-874-614-52	SCREW (1) (3.5X20), TAPPING	
SP101	1-826-572-11	LOUDSPEAKER (30cm)	
#1	7-685-647-79	SCREW +BVTP 3X10 TYPE2 N-S	

2-3. CABINET SECTION (W3800)



Ref. No.	Part No.	Description	Remark
101	A-1252-421-A	GRILLE FRAME ASSY...(BLACK) (W3800: US, CND, SP, MY, AUS)	
101	A-1252-422-A	GRILLE FRAME ASSY...(WOOD) (W3800: AEP, E51, SP, MY)	
102	4-229-774-01	SCREW, TAPPING, HEXAGON SOCKET	
103	4-235-677-01	SCREW (4X20) (TYPE1), +BVTP (W3800)	
104	4-210-176-31	EMBLEM (NO.6), SONY	
105	A-1223-508-A	SPEAKER CABINET ASSY (BLACK) (W3800: US, CND, SP, MY, AUS)	
105	A-1223-514-A	SPEAKER CABINET ASSY (WOOD) (W3800: AEP, E51, SP, MY)	
106	A-1224-561-A	PANEL INDICATOR ASSY	
107	4-874-614-52	SCREW (1) (3.5X20), TAPPING	
SP101	1-826-573-11	LOUNDSPEAKER (38cm) (W3800)	
#1	7-685-647-79	SCREW +BVTP 3X10 TYPE2 N-S	

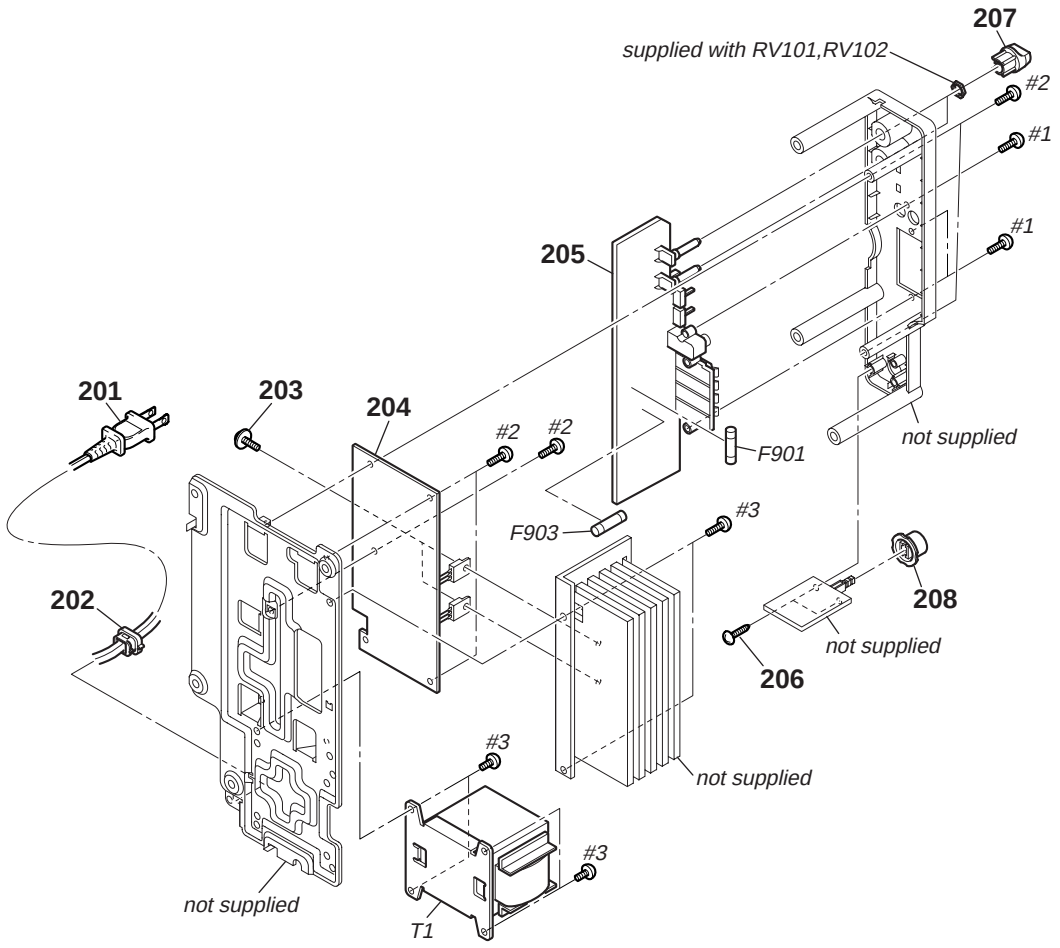
2-4. AMP SECTION (W2500)



Ref. No.	Part No.	Description	Remark
⚠151	1-769-079-61	CORD, POWER (KR)	
⚠151	1-777-071-23	CORD, POWER (AEP, UK, E51, SP, MY)	
⚠151	1-783-820-11	CORD, POWER (US, CND)	
⚠151	1-696-848-81	CORD, POWER (AUS)	
⚠151	1-827-597-41	CORD, POWER (TW)	
⚠151	1-834-288-11	CORD, POWER (TH)	
* 152	3-703-244-00	BUSHING (2104), CORD (EXCEPT TH)	
152	4-916-783-01	BUSHING, CORD (TH)	
153	3-905-609-31	SCREW (TRANSISTOR)	
154	A-1223-620-A	MAIN BOARD, COMPLETE (W2500: US, CND)	
154	A-1223-662-A	MAIN BOARD, COMPLETE (W2500: AEP, UK, SP, MY, AUS, KR, TH)	
154	A-1223-701-A	MAIN BOARD, COMPLETE (W2500: E51)	
154	A-1315-713-A	MAIN BOARD, COMPLETE (TW)	
155	A-1223-622-A	INPUT CONTROL BOARD, COMPLETE (W2500: US, CND, TW)	
155	A-1223-664-A	INPUT CONTROL BOARD, COMPLETE (W2500: AEP, UK, SP, MY, AUS, KR, TH)	
155	A-1223-703-A	INPUT CONTROL BOARD, COMPLETE (W2500: E51)	

Ref. No.	Part No.	Description	Remark
156	4-986-971-02	SCREW (3.5X10)	
157	4-999-482-91	KNOB (VOL)	
158	4-244-832-51	KNOB, POWER	
⚠F901	1-532-463-33	FUSE (T1AL/250V) (W2500: AEP, UK, SP, MY, AUS, KR, TH)	
⚠F901	1-532-503-33	FUSE (T1.6AL/250V) (W2500: E51)	
⚠F901	1-533-418-12	FUSE, GLASS CYLINDRICAL (DIA.5) (2.5A/125V) (W2500: US, CND, TW)	
⚠F903	1-532-463-33	FUSE (T1AL/250V) (W2500: E51)	
⚠T1	1-445-129-11	POWER TRANSFORMER (W2500: E51)	
⚠T1	1-445-133-11	POWER TRANSFORMER (W2500: US, CND,)	
⚠T1	1-445-167-11	POWER TRANSFORMER (W2500: AEP, UK, SP, MY, AUS, KR, TH)	
⚠T1	1-445-286-11	POWER TRANSFORMER (W2500: TW)	
#1	7-685-647-79	SCREW +BVTP 3X10 TYPE2 N-S	
#2	7-685-646-79	SCREW +BVTP 3X8 TYPE2 N-S	
#3	7-685-881-09	SCREW +BVTT 4X8 (S)	

2-5. AMP SECTION (W3000/W3800)



Ref. No.	Part No.	Description	Remark
⚠201	1-769-079-61	CORD, POWER (KR)	
⚠201	1-777-071-23	CORD, POWER (AEP, E51, SP, MY)	
⚠201	1-783-820-11	CORD, POWER (US, CND)	
⚠201	1-696-848-81	CORD, POWER (AUS)	
⚠201	1-834-288-11	CORD, POWER (TH)	
* 202	3-703-244-00	BUSHING (2104), CORD (EXCEPT TH)	
202	4-916-783-01	BUSHING, CORD (TH)	
203	3-905-609-31	SCREW (TRANSISTOR)	
204	A-1223-643-A	MAIN BOARD, COMPLETE (W3000: US, CND)	
204	A-1223-652-A	MAIN BOARD, COMPLETE (W3800: US, CND)	
204	A-1223-683-A	MAIN BOARD, COMPLETE (W3000: SP, MY, AUS, KR, TH)	
204	A-1223-693-A	MAIN BOARD, COMPLETE (W3800: AEP, SP, MY, AUS)	
204	A-1223-707-A	MAIN BOARD, COMPLETE (W3000: E51)	
204	A-1223-713-A	MAIN BOARD, COMPLETE (W3800: E51)	
205	A-1223-645-A	INPUT CONTROL BOARD, COMPLETE (W3000: US, CND)	
205	A-1223-654-A	INPUT CONTROL BOARD, COMPLETE (W3800: US, CND)	
205	A-1223-685-A	INPUT CONTROL BOARD, COMPLETE (W3000: SP, MY, AUS, KR, TH)	
205	A-1223-695-A	INPUT CONTROL BOARD, COMPLETE (W3800: AEP, SP, MY, AUS)	

Ref. No.	Part No.	Description	Remark
205	A-1223-709-A	INPUT CONTROL BOARD, COMPLETE (W3000: E51)	
205	A-1223-715-A	INPUT CONTROL BOARD, COMPLETE (W3800: E51)	
206	4-986-971-02	SCREW (3.5X10)	
207	4-999-482-91	KNOB (VOL)	
208	4-244-832-51	KNOB, POWER	
⚠F901	1-532-388-33	FUSE (T2AL/250V) (W3000: SP, MY, AUS, KR, TH/W3800: AEP, SP, MY, AUS)	
⚠F901	1-532-465-33	FUSE (T3.15AL/250V) (W3000,W3800:E51)	
⚠F901	1-532-746-11	FUSE, GLASS TUBE (4A/125V) (W3000,W3800: US, CND)	
⚠F903	1-532-388-33	FUSE (T2AL/250V) (W3000,W3800: E51)	
⚠T1	1-445-128-11	POWER TRANSFORMER (W3000, W3800: US, CND)	
⚠T1	1-445-164-11	POWER TRANSFORMER (W3000: SP, MY, AUS, KR, TH/W3800: AEP, SP, MY, AUS)	
⚠T1	1-445-165-11	POWER TRANSFORMER (W3000, W3800: E51)	
#1	7-685-647-79	SCREW +BVTP 3X10 TYPE2 N-S	
#2	7-685-646-79	SCREW +BVTP 3X8 TYPE2 N-S	
#3	7-685-881-09	SCREW +BVTT 4X8 (S)	

INPUT CONTROL

SECTION 3
ELECTRICAL PARTS LIST

NOTE :

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- -XX, -X mean standardized parts, so they may have some difference from the original one.
- RESISTORS
  All resistors are in ohms
  METAL : Metal-film resistor
  METAL OXIDE :Metal oxide-film resistor
  F : nonflammable
- Items marked " * "are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- SEMICONDUCTORS
  In each case, u : µ , for example :
  uA.... : µ A.... , uPA.... : µ PA....
  uPB.... : µ PB.... , uPC.... : µ PC....
  uPD.... : µ PD....
- CAPACITORS
  uF : µ F
- COILS
  uH : µ H

When indicating parts by reference number, please include the board.

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

Les composants identifiés par une marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une piéce portant le numéro spécifié.

- Abbreviation
  CND : Canadian model
  MY : Malaysia model
  SP : Singapore model
  AUS : Australian model
  E51 : Chilean and Peruvian model
  KR : Korean model
  TH : Thai model
  TW : Taiwan model

Ref. No.	Part No.	Description			Remark
	A-1223-622-A	INPUT CONTROL BOARD, COMPLETE (W2500: US, CND, TW)			
	A-1223-645-A	INPUT CONTROL BOARD, COMPLETE (W3000: US, CND)			
	A-1223-654-A	INPUT CONTROL BOARD, COMPLETE (W3800: US, CND)			
	A-1223-664-A	INPUT CONTROL BOARD, COMPLETE (W2500: AEP, UK, SP, MY, AUS, KR, TH)			
	A-1223-685-A	INPUT CONTROL BOARD, COMPLETE (W3000: SP, MY, AUS, KR, TH)			
	A-1223-695-A	INPUT CONTROL BOARD, COMPLETE (W3800: AEP, SP, MY, AUS)			
	A-1223-703-A	INPUT CONTROL BOARD, COMPLETE (W2500: E51)			
	A-1223-709-A	INPUT CONTROL BOARD, COMPLETE (W3000: E51)			
	A-1223-715-A	INPUT CONTROL BOARD, COMPLETE (W3800: E51)			
		******			
		< CAPACITOR >			
C102	1-102-978-00	CERAMIC	220PF	5%	50V
C103	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
C104	1-126-964-11	ELECT	10uF	20%	50V
C105	1-130-483-00	MYLAR	0.01uF	5%	50V
C106	1-130-483-00	MYLAR	0.01uF	5%	50V
C107	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C108	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C109	1-126-964-11	ELECT	10uF	20%	50V
C110	1-136-175-00	MYLAR	0.68uF	5%	50V (W2500)
C110	1-137-190-91	FILM	0.22uF	5%	50V (W3000)
C110	1-136-175-00	FILM	0.68uF	5%	50V (W3800)
C111	1-136-156-00	FILM	0.018uF	5%	50V (W3800)
C111	1-136-157-00	FILM	0.022uF	5%	50V (W2500)
C111	1-136-162-00	FILM	0.056uF	5%	50V (W3000)
C112	1-130-495-00	FILM	0.1uF	5%	50V (W3800)
C112	1-136-497-81	FILM	0.1uF	5%	50V (W3000)
C112	1-137-190-91	FILM	0.22uF	5%	50V (W2500)
C113	1-130-495-00	FILM	0.1uF	5%	50V (W3800)
C113	1-136-497-81	FILM	0.1uF	5%	50V (W3000)
C113	1-137-190-91	FILM	0.22uF	5%	50V (W2500)

Ref. No.	Part No.	Description			Remark
C114	1-126-964-11	ELECT	10uF	20%	50V
C115	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C116	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C117	1-126-964-11	ELECT	10uF	20%	50V
C201	1-126-160-11	ELECT	1uF	20%	50V
C202	1-115-467-11	CERAMIC CHIP	0.22uF	10%	10V
C203	1-126-160-11	ELECT	1uF	20%	50V
C204	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C205	1-126-160-11	ELECT	1uF	20%	50V
C206	1-126-933-11	ELECT	100uF	20%	16V
C207	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C301	1-126-933-11	ELECT	100uF	20%	16V
C302	1-126-933-11	ELECT	100uF	20%	16V
C303	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
C304	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C305	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C306	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
C307	1-126-964-11	ELECT	10uF	20%	50V
C308	1-126-964-11	ELECT	10uF	20%	50V
C401	1-126-964-11	ELECT	10uF	20%	50V
C402	1-126-964-11	ELECT	10uF	20%	50V
C403	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C404	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C405	1-104-661-91	ELECT	330uF	20%	16V
C406	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C407	1-126-934-11	ELECT	220uF	20%	16V
C408	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C412	1-126-916-11	ELECT	1000uF	20%	6.3V
C430	1-104-658-91	ELECT	100uF	20%	10V
C902	1-117-703-11	CERAMIC	0.0047uF		250V
		< CONNECTOR >			
CNP402	1-691-765-11	PLUG (MICRO CONNECTOR) 3P			
* CNP903	1-564-687-11	PIN, CONNECTOR (3.96mm PITCH) 3P (E51)			
* CNP904	1-564-321-21	PIN, CONNECTOR (3.96mm PITCH) 2P			
CNP905	1-564-321-00	PIN, CONNECTOR (3.96mm PITCH) 2P			
		< DIODE >			
D101	8-719-404-50	DIODE MA111-TX			
D102	8-719-404-50	DIODE MA111-TX			
D103	8-719-404-50	DIODE MA111-TX			
D104	8-719-404-50	DIODE MA111-TX			
D301	8-719-083-83	DIODE UDZS-TE17-15B			
D302	8-719-083-83	DIODE UDZS-TE17-15B			
D401	8-719-404-50	DIODE MA111-TX			
D402	8-719-404-50	DIODE MA111-TX			
D403	8-719-404-50	DIODE MA111-TX			
D404	8-719-404-50	DIODE MA111-TX			

INPUT CONTROL

Ref. No.	Part No.	Description			Remark
D405	8-719-083-60	DIODE UDZSTE-174.7B			
D406	8-719-404-50	DIODE MA111-TX			
D901	8-719-404-50	DIODE MA111-TX			
		< FUSE HOLDER >			
FH901	1-533-293-11	FUSE HOLDER 0A 0V			
FH904	1-533-293-11	FUSE HOLDER 0A 0V (E51)			
FH951	1-533-293-11	FUSE HOLDER 0A 0V			
FH954	1-533-293-11	FUSE HOLDER 0A 0V (E51)			
		< IC >			
IC101	8-759-710-97	IC NJM4565M-D			
IC102	8-759-710-97	IC NJM4565M-D			
IC103	8-759-710-97	IC NJM4565M-D			
IC104	8-759-710-97	IC NJM4565M-D			
IC201	8-759-710-97	IC NJM4565M-D			
IC202	8-759-710-97	IC NJM4565M-D			
IC401	8-759-701-01	IC NJM2904M			
IC402	8-759-701-01	IC NJM2904M			
		< JACK >			
J101	1-770-157-21	JACK, PIN 2P (LINE IN/OUT) (W3000/W3800)			
J101	1-770-377-21	JACK, PIN 1P (LINE IN) (W2500)			
		< TRANSISTOR >			
Q301	8-729-140-98	TRANSISTOR 2SD773-34			
Q302	8-729-140-93	TRANSISTOR 2SB733-34			
Q401	8-729-029-40	TRANSISTOR DTA124ESA			
Q402	8-729-029-86	TRANSISTOR DTC124ESA			
Q403	8-729-119-76	TRANSISTOR 2SA1175-HFE			
Q404	8-729-119-78	TRANSISTOR 2SC2785-HFE			
Q405	8-729-119-78	TRANSISTOR 2SC2785-HFE			
Q406	8-729-119-76	TRANSISTOR 2SA1175-HFE			
Q408	8-729-119-76	TRANSISTOR 2SA1175-HFE			
Q430	8-729-119-78	TRANSISTOR 2SC2785-HFE			
		< RESISTOR >			
R101	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R102	1-216-839-11	METAL CHIP	33K	5%	1/10W
R103	1-216-839-11	METAL CHIP	33K	5%	1/10W
R104	1-216-839-11	METAL CHIP	33K	5%	1/10W
R105	1-216-839-11	METAL CHIP	33K	5%	1/10W
R106	1-260-107-11	CARBON	4.7K	5%	1/2W
R107	1-260-107-11	CARBON	4.7K	5%	1/2W
R108	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R109	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R110	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R111	1-216-821-11	METAL CHIP	1K	5%	1/10W
R112	1-216-821-11	METAL CHIP	1K	5%	1/10W
R113	1-216-841-11	METAL CHIP	47K	5%	1/10W
R114	1-216-835-11	METAL CHIP	15K	5%	1/10W
R115	1-216-837-11	METAL CHIP	22K	5%	1/10W
R116	1-216-839-11	METAL CHIP	33K	5%	1/10W
R117	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R118	1-216-833-11	METAL CHIP	10K	5%	1/10W
R119	1-216-833-11	METAL CHIP	10K	5%	1/10W
R120	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R121	1-216-829-11	METAL CHIP	4.7K	5%	1/10W (W3800)
R121	1-216-831-11	METAL CHIP	6.8K	5%	1/10W (W3000)
R121	1-216-833-11	METAL CHIP	10K	5%	1/10W (W2500)

Ref. No.	Part No.	Description			Remark
R122	1-216-837-11	METAL CHIP	22K	5%	1/10W
R123	1-216-832-11	METAL CHIP	8.2K	5%	1/10W (W2500)
R123	1-216-833-11	METAL CHIP	10K	5%	1/10W (W3000/W3800)
R124	1-216-845-11	METAL CHIP	100K	5%	1/10W (W2500)
R125	1-216-830-11	METAL CHIP	5.6K	5%	1/10W (W2500)
R125	1-216-832-11	METAL CHIP	8.2K	5%	1/10W (W3000/W3800)
R126	1-216-845-11	METAL CHIP	100K	5%	1/10W (W2500)
R127	1-216-841-11	METAL CHIP	47K	5%	1/10W (W2500)
R127	1-216-864-11	SHORT CHIP	0 (W3000/W3800)		
R128	1-216-837-11	METAL CHIP	22K	5%	1/10W (W2500)
R128	1-216-851-11	METAL CHIP	330K	5%	1/10W (W3000/W3800)
R129	1-216-841-11	METAL CHIP	47K	5%	1/10W
R130	1-216-821-11	METAL CHIP	1K	5%	1/10W
R131	1-216-864-11	SHORT CHIP	0		
R133	1-216-833-11	METAL CHIP	10K	5%	1/10W
R134	1-216-833-11	METAL CHIP	10K	5%	1/10W
R135	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R136	1-216-833-11	METAL CHIP	10K	5%	1/10W
R137	1-216-832-11	METAL CHIP	8.2K	5%	1/10W (W2500)
R137	1-216-833-11	METAL CHIP	10K	5%	1/10W (W3000/W3800)
R201	1-216-817-11	METAL CHIP	470	5%	1/10W
R202	1-216-817-11	METAL CHIP	470	5%	1/10W
R203	1-216-821-11	METAL CHIP	1K	5%	1/10W
R204	1-216-813-11	METAL CHIP	220	5%	1/10W (W2500)
R204	1-216-817-11	METAL CHIP	470	5%	1/10W (W3000)
R204	1-216-818-11	METAL CHIP	560	5%	1/10W (W3800)
R205	1-216-834-11	METAL CHIP	12K	5%	1/10W
R206	1-216-849-11	METAL CHIP	220K	5%	1/10W
R207	1-216-849-11	METAL CHIP	220K	5%	1/10W
R208	1-216-841-11	METAL CHIP	47K	5%	1/10W
R209	1-216-821-11	METAL CHIP	1K	5%	1/10W
R210	1-216-837-11	METAL CHIP	22K	5%	1/10W
R211	1-216-849-11	METAL CHIP	220K	5%	1/10W
R212	1-216-849-11	METAL CHIP	220K	5%	1/10W
R213	1-216-821-11	METAL CHIP	1K	5%	1/10W
R214	1-216-834-11	METAL CHIP	12K	5%	1/10W
R301	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R302	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R401	1-216-837-11	METAL CHIP	22K	5%	1/10W
R402	1-216-837-11	METAL CHIP	22K	5%	1/10W
R403	1-216-853-11	METAL CHIP	470K	5%	1/10W
R404	1-216-853-11	METAL CHIP	470K	5%	1/10W
R405	1-216-833-11	METAL CHIP	10K	5%	1/10W
R406	1-216-849-11	METAL CHIP	220K	5%	1/10W
R407	1-216-845-11	METAL CHIP	100K	5%	1/10W
R408	1-216-833-11	METAL CHIP	10K	5%	1/10W
R409	1-216-833-11	METAL CHIP	10K	5%	1/10W
R410	1-216-845-11	METAL CHIP	100K	5%	1/10W
R411	1-216-841-11	METAL CHIP	47K	5%	1/10W
R413	1-216-825-11	METAL CHIP	2.2K	5%	1/10W

INPUT CONTROL LED MAIN

Ref. No.	Part No.	Description			Remark
R414	1-216-845-11	METAL CHIP	100K	5%	1/10W
R415	1-216-841-11	METAL CHIP	47K	5%	1/10W
R416	1-216-841-11	METAL CHIP	47K	5%	1/10W
R418	1-216-817-11	METAL CHIP	470	5%	1/10W
R420	1-216-821-11	METAL CHIP	1K	5%	1/10W
R421	1-249-420-11	CARBON	1.8K	5%	1/4W
R422	1-216-841-11	METAL CHIP	47K	5%	1/10W
R423	1-216-845-11	METAL CHIP	100K	5%	1/10W
R424	1-216-821-11	METAL CHIP	1K	5%	1/10W
R430	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R431	1-216-841-11	METAL CHIP	47K	5%	1/10W
R901	1-249-401-11	CARBON	47	5%	1/4W
		< VARIABLE RESISTOR >			
RV101	1-227-573-11	RES, VAR	10K (LEVEL)		
RV102	1-227-572-11	RES, VAR	20K (CUT OFF FREQ)		
		< RELAY >			
⚠RY901	1-755-541-11	RELAY			
		< SWITCH >			
S101	1-786-490-11	SWITCH, SLIDE (POWER SAVE)			
S102	1-786-490-11	SWITCH, SLIDE (PHASE)			
⚠S902	1-571-437-21	SWITCH, POWER VOLTAGE CHANGE (VOLTAGE SELECTOR) (E51)			
		< TERMINAL >			
TM101	1-537-376-11	TERMINAL BOARD (SP) (SPEAKER)			
**********					
		LED BOARD			
		**********			
		< CAPACITOR >			
C409	1-127-888-11	CERAMIC	0.1uF	10%	50V
C410	1-127-888-11	CERAMIC	0.1uF	10%	50V
		< CONNECTOR >			
* CN401	1-566-779-11	PIN, CONNECTOR (PC BOARD) 4P			
		< DIODE >			
D202	8-719-064-11	DIODE SPR-325MVW (POWER)			
		< RESISTOR >			
R419	1-249-429-11	CARBON	10K	5%	1/4W
**********					
	A-1223-620-A	MAIN BOARD, COMPLETE (W2500: US, CND)			
	A-1223-643-A	MAIN BOARD, COMPLETE (W3000: US, CND)			
	A-1223-652-A	MAIN BOARD, COMPLETE (W3800: US, CND)			
	A-1223-662-A	MAIN BOARD, COMPLETE (W2500: AEP, UK, SP, MY, AUS, KR, TH)			
	A-1223-683-A	MAIN BOARD, COMPLETE (W3000: SP, MY, AUS, KR, TH)			
	A-1223-693-A	MAIN BOARD, COMPLETE (W3800: AEP, SP, MY, AUS)			
	A-1223-701-A	MAIN BOARD, COMPLETE (W2500: E51)			
	A-1223-707-A	MAIN BOARD, COMPLETE (W3000: E51)			
	A-1223-713-A	MAIN BOARD, COMPLETE (W3800: E51)			
	A-1315-713-A	MAIN BOARD, COMPLETE (TW)			
		**********			

Ref. No.	Part No.	Description			Remark
		< CAPACITOR >			
C504	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
C505	1-126-965-91	ELECT	22uF	20%	50V
C506	1-104-658-91	ELECT	100uF	20%	10V
C507	1-164-227-11	CERAMIC CHIP	0.022uF	10%	25V
C508	1-126-964-11	ELECT	10uF	20%	50V
C509	1-126-967-11	ELECT	47uF	20%	50V
C510	1-126-967-11	ELECT	47uF	20%	50V
C511	1-127-888-11	CERAMIC	0.1uF	10%	50V
C513	1-164-227-11	CERAMIC CHIP	0.022uF	10%	25V
C601	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C602	1-126-768-11	ELECT	2200uF	20%	16V
C701	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
C702	1-128-582-11	ELECT	10uF	20%	100V
C703	1-126-923-91	ELECT	220uF	20%	10V
C704	1-128-560-11	ELECT	22uF	20%	100V
C705	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V
C706	1-162-915-11	CERAMIC CHIP	10PF	0.5PF	50V
C707	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
C708	1-100-152-91	CERAMIC CHIP	100PF	5%	100V
C709	1-128-560-11	ELECT	22uF	20%	100V
C710	1-126-967-11	ELECT	47uF	20%	50V
C711	1-101-810-00	CERAMIC	100PF	5%	500V
C712	1-101-810-00	CERAMIC	100PF	5%	500V
C713	1-101-880-00	CERAMIC	47PF	5%	50V
C714	1-162-960-11	CERAMIC CHIP	220PF	10%	50V
C801	1-130-777-00	MYLAR	0.1uF	5%	100V
C802	1-130-777-00	MYLAR	0.1uF	5%	100V
C803	1-104-482-11	ELECT	4700uF	20%	63V (W2500)
C803	1-165-946-11	ELECT	6800uF	20%	71V (W3000/W3800)
C804	1-104-482-11	ELECT	4700uF	20%	63V (W2500)
C804	1-165-946-11	ELECT	6800uF	20%	71V (W3000/W3800)
C805	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C806	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V
C807	1-126-942-61	ELECT	1000uF	20%	25V
C808	1-126-942-61	ELECT	1000uF	20%	25V
		< CONNECTOR >			
CN601	1-691-590-11	POST (WITH BASE) (B12B-XH-A) 12P			
		< CONNECTOR >			
CNP401	1-785-104-11	PIN, CONNECTOR (3.96mm PITCH) 6P			
CNP501	1-564-320-00	PIN, CONNECTOR (3.96mm PITCH) 2P			
CNP906	1-564-321-00	PIN, CONNECTOR (3.96mm PITCH) 2P (EXCEPT E51)			
* CNP906	1-564-687-11	PIN, CONNECTOR (3.96mm PITCH) 3P (E51)			
		< DIODE >			
D502	8-719-404-50	DIODE MA111-TX			
D503	8-719-404-50	DIODE MA111-TX			
D504	8-719-404-50	DIODE MA111-TX			
D505	8-719-404-50	DIODE MA111-TX			
D601	8-719-053-18	DIODE 1SR154-400TE-25			
D602	8-719-053-18	DIODE 1SR154-400TE-25			
D603	8-719-053-18	DIODE 1SR154-400TE-25			
D604	8-719-053-18	DIODE 1SR154-400TE-25			
D701	8-719-404-50	DIODE MA111-TX			
D702	8-719-404-50	DIODE MA111-TX			

Ref. No.	Part No.	Description	Remark
D703	8-719-404-50	DIODE MA111-TX	
D704	8-719-404-50	DIODE MA111-TX	
D705	8-719-404-50	DIODE MA111-TX	
D706	8-719-404-50	DIODE MA111-TX	
D801	6-501-003-21	DIODE D6SBN20-7003	
D802	8-719-053-18	DIODE 1SR154-400TE-25	
D803	8-719-053-18	DIODE 1SR154-400TE-25	
D804	8-719-053-18	DIODE 1SR154-400TE-25	
D805	8-719-053-18	DIODE 1SR154-400TE-25	
		< EARTH TERMINAL >	
EP1	1-537-738-21	TERMINAL, GROUND	
		< IC >	
IC500	6-708-609-01	IC uPC1237C-A	
		< TRANSISTOR >	
Q505	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q701	8-729-140-82	TRANSISTOR 2SA988-PAFAEA	
Q702	8-729-140-82	TRANSISTOR 2SA988-PAFAEA	
Q703	8-729-140-82	TRANSISTOR 2SA988-PAFAEA	
Q704	8-729-214-51	TRANSISTOR 2SA1145-O	
Q705	8-729-119-78	TRANSISTOR 2SC2785-HFE	
Q706	8-729-119-78	TRANSISTOR 2SC2785-HFE	
Q707	8-729-270-51	TRANSISTOR 2SC2705-O	
Q708	6-702-391-01	IC MP1620-OPY-MK	
Q709	6-702-390-01	IC MN2488-OPY-MK	
Q710	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q711	8-729-141-30	TRANSISTOR 2SC3623A-LK	
Q731	8-729-140-84	TRANSISTOR 2SC1841-PAFAEA	
		< RESISTOR >	

Ref. No.	Part No.	Description			Remark
R500	1-216-833-11	METAL CHIP	10K	5%	1/10W
R506	1-216-847-11	METAL CHIP	150K	5%	1/10W
⚠R507	1-260-320-11	CARBON	220	5%	1/2W
R508	1-249-393-11	CARBON	10	5%	1/4W
R509	1-216-837-11	METAL CHIP	22K	5%	1/10W
R510	1-216-847-11	METAL CHIP	150K	5%	1/10W
R511	1-249-393-11	CARBON	10	5%	1/4W
R512	1-216-845-11	METAL CHIP	100K	5%	1/10W
R513	1-249-433-11	CARBON	22K	5%	1/4W
R514	1-216-833-11	METAL CHIP	10K	5%	1/10W
R515	1-216-833-11	METAL CHIP	10K	5%	1/10W
R516	1-216-833-11	METAL CHIP	10K	5%	1/10W
⚠R519	1-220-894-11	METAL	0.22	10%	5W
R701	1-216-821-11	METAL CHIP	1K	5%	1/10W
R702	1-216-805-11	METAL CHIP	47	5%	1/10W (W2500)
R702	1-216-817-11	METAL CHIP	470	5%	1/10W (W3000/W3800)
R703	1-216-841-11	METAL CHIP	47K	5%	1/10W
R704	1-216-821-11	METAL CHIP	1K	5%	1/10W (W3000/W3800)
R704	1-216-822-11	METAL CHIP	1.2K	5%	1/10W (W2500)
R705	1-216-815-11	METAL CHIP	330	5%	1/10W
R706	1-216-812-11	METAL CHIP	180	5%	1/10W
R707	1-216-815-11	METAL CHIP	330	5%	1/10W
R708	1-216-833-11	METAL CHIP	10K	5%	1/10W
R709	1-249-433-11	CARBON	22K	5%	1/4W
R710	1-249-407-11	CARBON	150	5%	1/4W

Ref. No.	Part No.	Description			Remark
R711	1-249-393-11	CARBON	10	5%	1/4W
R712	1-249-437-11	CARBON	47K	5%	1/4W
R713	1-249-408-11	CARBON	180	5%	1/4W
R714	1-249-408-11	CARBON	180	5%	1/4W
R715	1-249-401-11	CARBON	47	5%	1/4W
R716	1-249-393-11	CARBON	10	5%	1/4W
R717	1-216-818-11	METAL CHIP	560	5%	1/10W
R718	1-216-841-11	METAL CHIP	47K	5%	1/10W
R719	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R720	1-249-405-11	CARBON	100	5%	1/4W
R721	1-249-405-11	CARBON	100	5%	1/4W
⚠R722	1-234-182-11	ENCAPSULATED COMPONENT	0.22X2		
R723	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R724	1-216-834-11	METAL CHIP	12K	5%	1/10W (W2500)
R724	1-216-837-11	METAL CHIP	22K	5%	1/10W (W3000/W3800)
R725	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R726	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
⚠R801	1-219-165-11	FUSIBLE	1	5%	1/2W
⚠R802	1-219-165-11	FUSIBLE	1	5%	1/2W
		< RELAY >			
RY501	1-755-170-11	RELAY (12V)			
		< TRANSFORMER >			
⚠T202	1-443-516-11	POWER TRANSFORMER (US, CND)			
⚠T202	1-443-517-11	POWER TRANSFORMER (EXCEPT US, CND, E51, TW)			
⚠T202	1-443-519-11	POWER TRANSFORMER (TW)			
⚠T202	1-443-520-11	POWER TRANSFORMER (E51)			

****

SWITCH BOARD
****

< CONNECTOR >

CNP902	1-564-321-00	PIN, CONNECTOR (3.96mm PITCH) 2P

< SWITCH >

⚠S901	1-572-267-51	SWITCH, PUSH (AC POWER) (1 KEY) (POWER)

****

MISCELLANEOUS
****

⚠151	1-769-079-61	CORD, POWER (KR)
⚠151	1-777-071-23	CORD, POWER (W2500: AEP, UK, R51, SP, MY)
⚠151	1-783-820-11	CORD, POWER (W2500: US, CND)
⚠151	1-696-848-81	CORD, POWER (W2500: AUS)
⚠151	1-827-597-41	CORD, POWER (TW)
⚠151	1-834-288-11	CORD, POWER (TH)
⚠201	1-769-079-61	CORD, POWER (KR)
⚠201	1-834-288-11	CORD, POWER (TH)
⚠201	1-777-071-23	CORD, POWER (W3000: E51, SP, MY/W3800: AEP, E51, SP, MY)
⚠201	1-783-820-11	CORD, POWER (W3000/W3800: US, CND)
⚠201	1-696-848-81	CORD, POWER (W3000/W3800: AUS)
⚠F901	1-532-463-33	FUSE (T1AL/250V) (W2500: AEP, UK, SP, MY, AUS, KR, TH)
⚠F901	1-532-503-33	FUSE (T1.6AL/250V) (W2500: E51)
⚠F901	1-533-418-12	FUSE, GLASS CYLINDRICAL (DIA.5) (2.5A/125V) (W2500: US, CND, TW)

Ref. No.	Part No.	Description	Remark
⚠F901	1-532-388-33	FUSE (T2AL/250V) (W3000: SP, MY, AUS, KR, TH/W3800: AEP, SP, MY, AUS)	
⚠F901	1-532-465-33	FUSE (T3.15AL/250V) (W3000,W3800:E51)	
⚠F901	1-532-746-11	FUSE, GLASS TUBE (4A/125V) (W3000,W3800: US, CND)	
⚠F903	1-532-463-33	FUSE (T1AL/250V) (W2500: E51)	
⚠F903	1-532-388-33	FUSE (T2AL/250V) (W3000,W3800: E51)	
SP101	1-826-571-11	LOUDSPEAKER (25cm) (W2500)	
SP101	1-826-572-11	LOUDSPEAKER (30cm) (W3000)	
SP101	1-826-573-11	LOUNDSPEAKER (38cm) (W3800)	
⚠T1	1-445-129-11	POWER TRANSFORMER (W2500: E51)	
⚠T1	1-445-133-11	POWER TRANSFORMER (W2500: US, CND)	
⚠T1	1-445-167-11	POWER TRANSFORMER (W2500: AEP, UK, SP, MY, AUS, KR, TH)	
⚠T1	1-445-128-11	POWER TRANSFORMER (W3000,W3800: US, CND)	
⚠T1	1-445-164-11	POWER TRANSFORMER (W3000: SP, MY, AUS, KR, TH/W3800: AEP, SP, MY, AUS)	
⚠T1	1-445-165-11	POWER TRANSFORMER (W3000,W3800: E51)	
⚠T1	1-445-286-11	POWER TRANSFORMER (W2500: TW)	
**********			
		ACCESSORIES	
		**********	
⚠	1-569-008-22	ADAPTOR, CONVERSION 2P (E51)	
	1-769-329-21	CORD, CONNECTION (PIN-PIN)	
⚠	1-770-019-61	ADAPTOR, CONVERSION PLUG (UK)	
	2-899-140-11	MANUAL, INSTRUCTION (ENGLISH) (W2500: E51, AUS)	
	2-899-141-11	MANUAL, INSTRUCTION (ENGLISH, FRENCH) (W2500: US, CND, AEP, UK, SP, MY, E51, TH, TW/W3000/W3800)	
	2-899-141-21	MANUAL, INSTRUCTION (SPANISH, TRADITIONAL CHINESE) (AEP, E51, SP, MY, TH, TW)	
	2-899-141-31	MANUAL, INSTRUCTION (GERMAN, DUTCH) (AEP)	
	2-899-141-41	MANUAL, INSTRUCTION (DANISH, FINNISH) (AEP)	
	2-899-141-61	MANUAL, INSTRUCTION (PORTUGUESE) (AEP)	
	2-899-141-71	MANUAL, INSTRUCTION (ITALIAN, SWEDISH) (AEP)	
	2-899-141-81	MANUAL, INSTRUCTION (RUSSIAN, POLISH) (AEP)	
	2-899-141-91	MANUAL, INSTRUCTION (KOREAN) (KR)	
	4-235-237-01	FOOT (Dia. 25mm, 4pcs)	

MEMO

REVISION HISTORY

Clicking the version allows you to jump to the revised page.
Also, clicking the version at the top of the revised page allows you to jump to the next revised page.

Ver.	Date	Description of Revision
1.0	2007.02	New
1.1	2007.07	Addition of Korean, Thai and Taiwan model for SA-W2500. Addition of Korean and Thai model for SA-W3000.