

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

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.

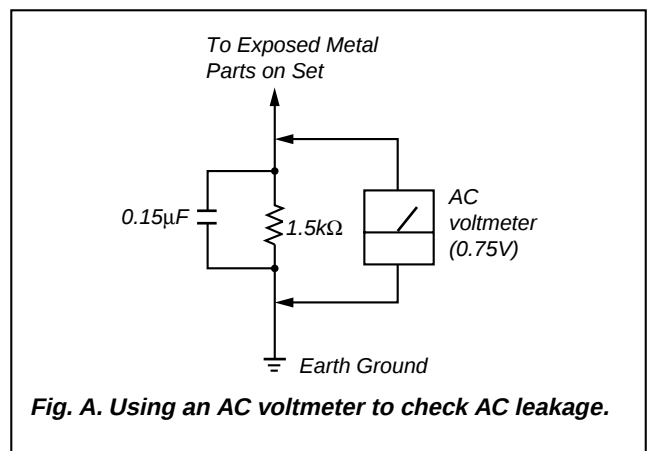
SAFETY CHECK-OUT (US model)

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 microamperes). 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)



SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY MARK $\triangle$ OR DOTTED LINE WITH MARK $\triangle$ 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 $\triangle$ 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 viscous (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.

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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: $\mu\mu\text{F}$ 50 WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and $\frac{1}{4}\text{W}$ or less unless otherwise specified.
-  : panel designation.
-  : B+ Line.
-  : B- Line.

Note: The components identified by mark $\triangle$ or dotted line with mark $\triangle$ are critical for safety. Replace only with part number specified.	Note: Les composants identifiés par une marque $\triangle$ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.
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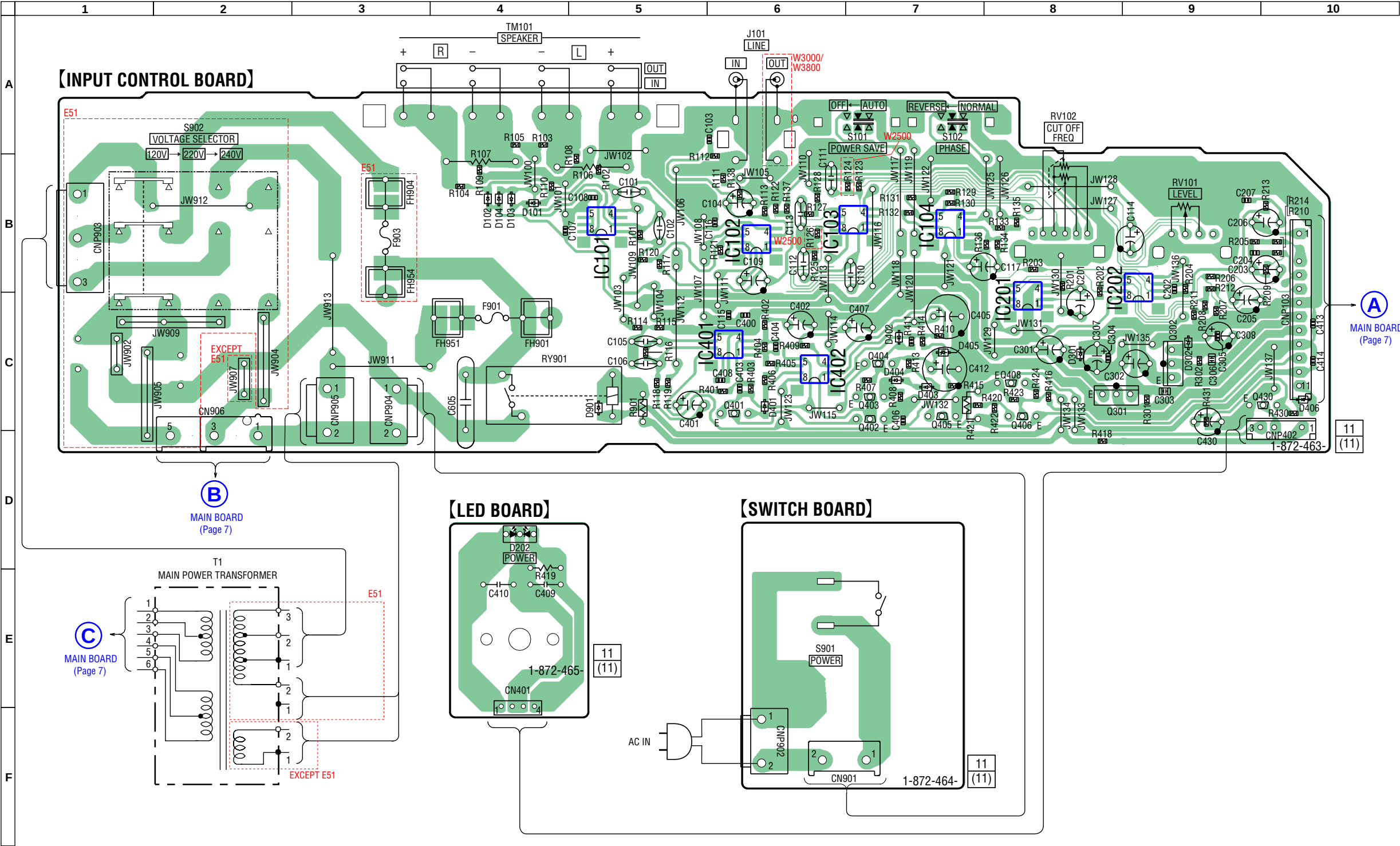
For Printed Wiring Boards.

Note :

-  : 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

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

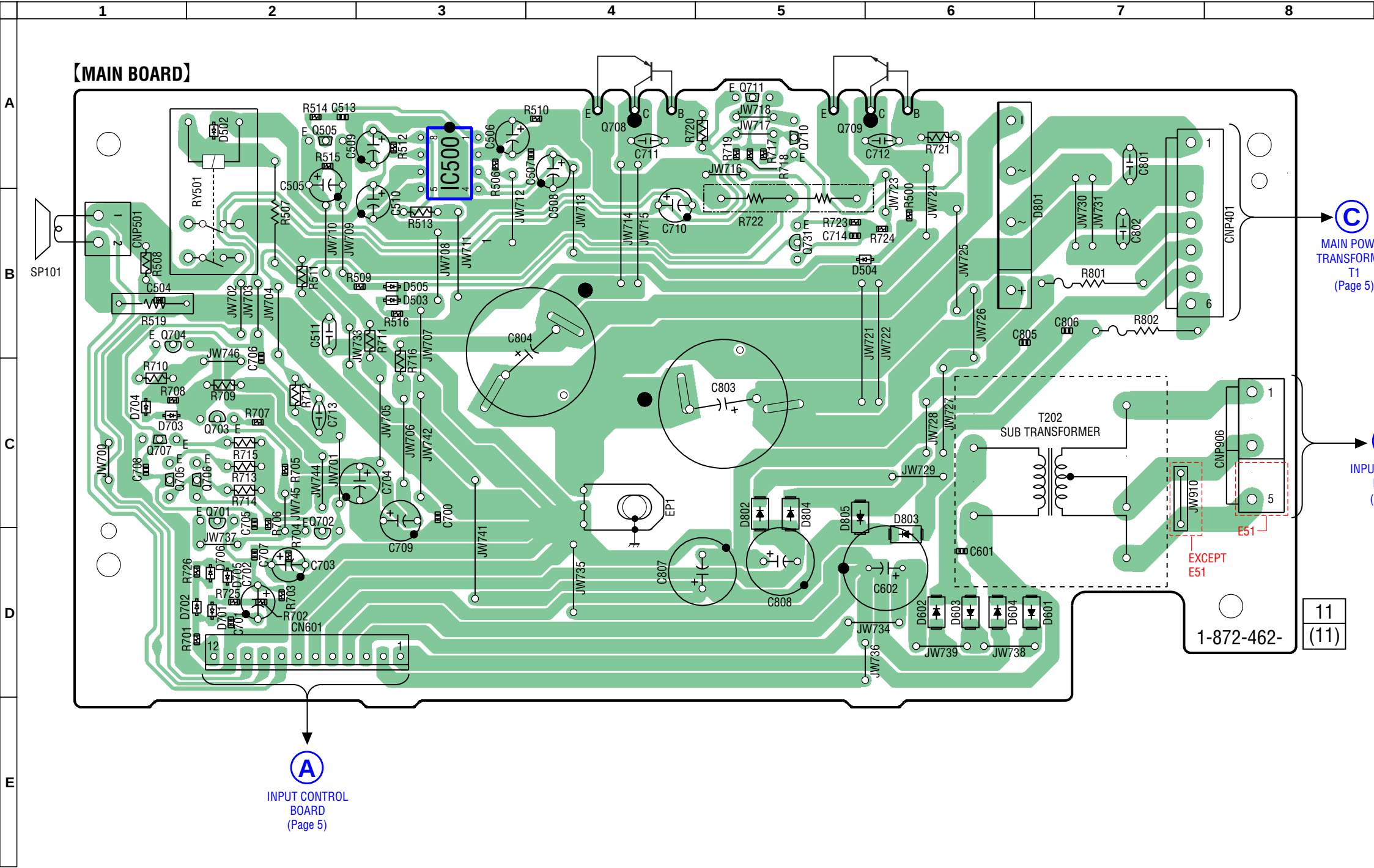
1-1. PRINTED WIRING BOARDS – INPUT CONTROL, LED AND SWITCH BOARDS – :Uses unleaded solder.



● 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

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



● 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

- 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

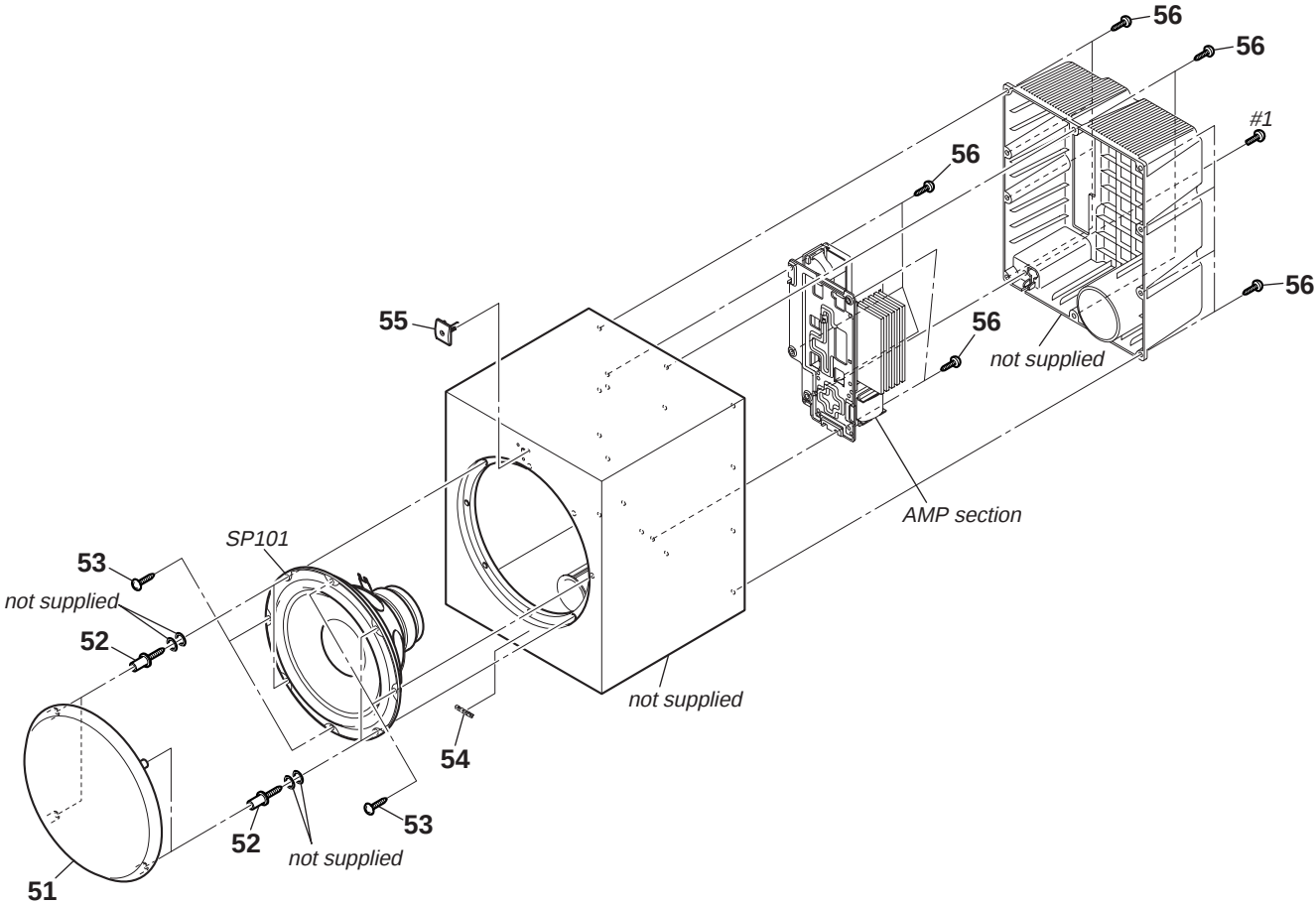
Les composants identifiés par une marque  sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

Diagram illustrating the assembly components and parts for the SP101 speaker system. The main components shown are:

- SP101**: The main speaker cabinet.
- not supplied**: Indicated for several components, including the main cabinet, the tweeter, and the amplifier section.
- AMP section**: The amplifier module.
- Parts and Screws:**
 - 1**: Tweeter.
 - 2**: Screws for the tweeter.
 - 3**: Screws for the tweeter.
 - 4**: Screws for the main cabinet.
 - 5**: Screws for the amplifier section.
 - #1**: Screws for the amplifier section.

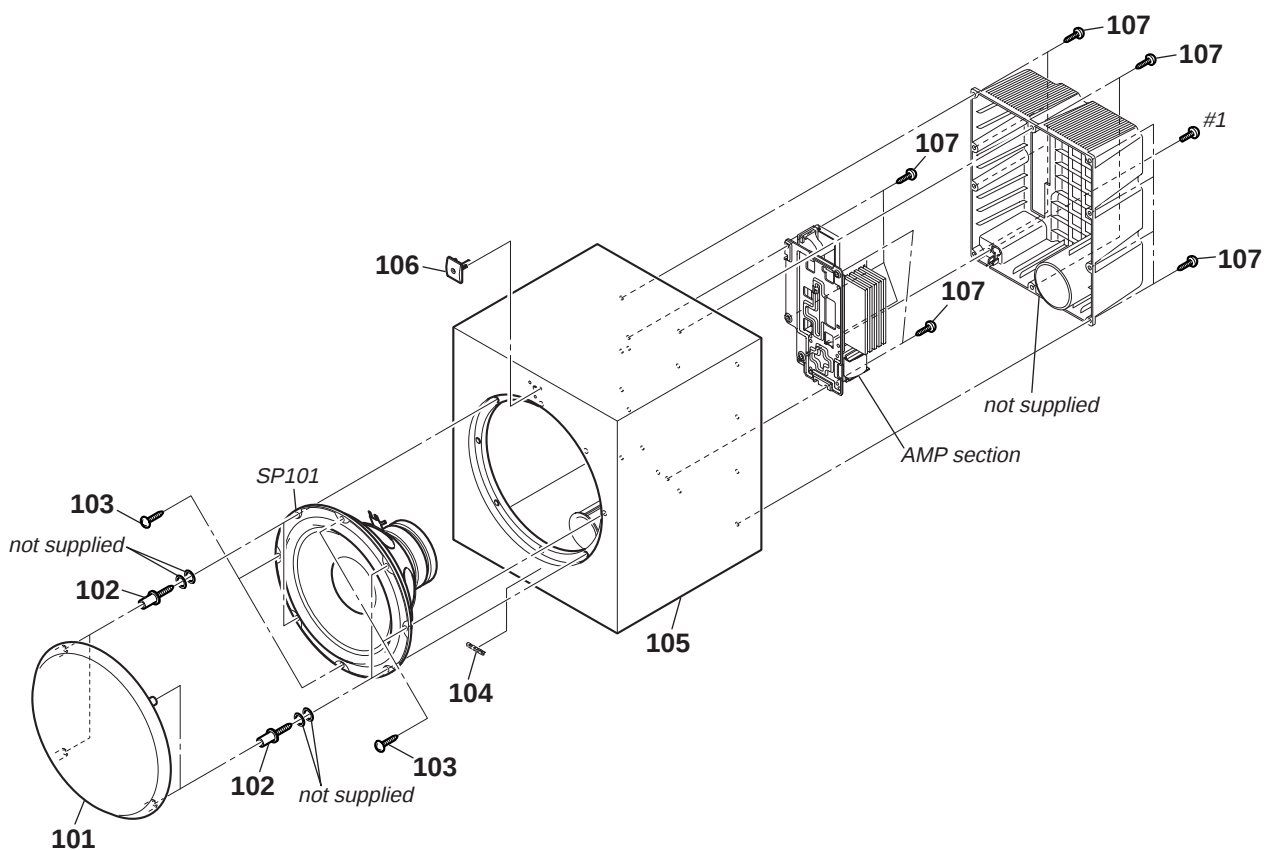
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2-2. CABINET SECTION (W3000)



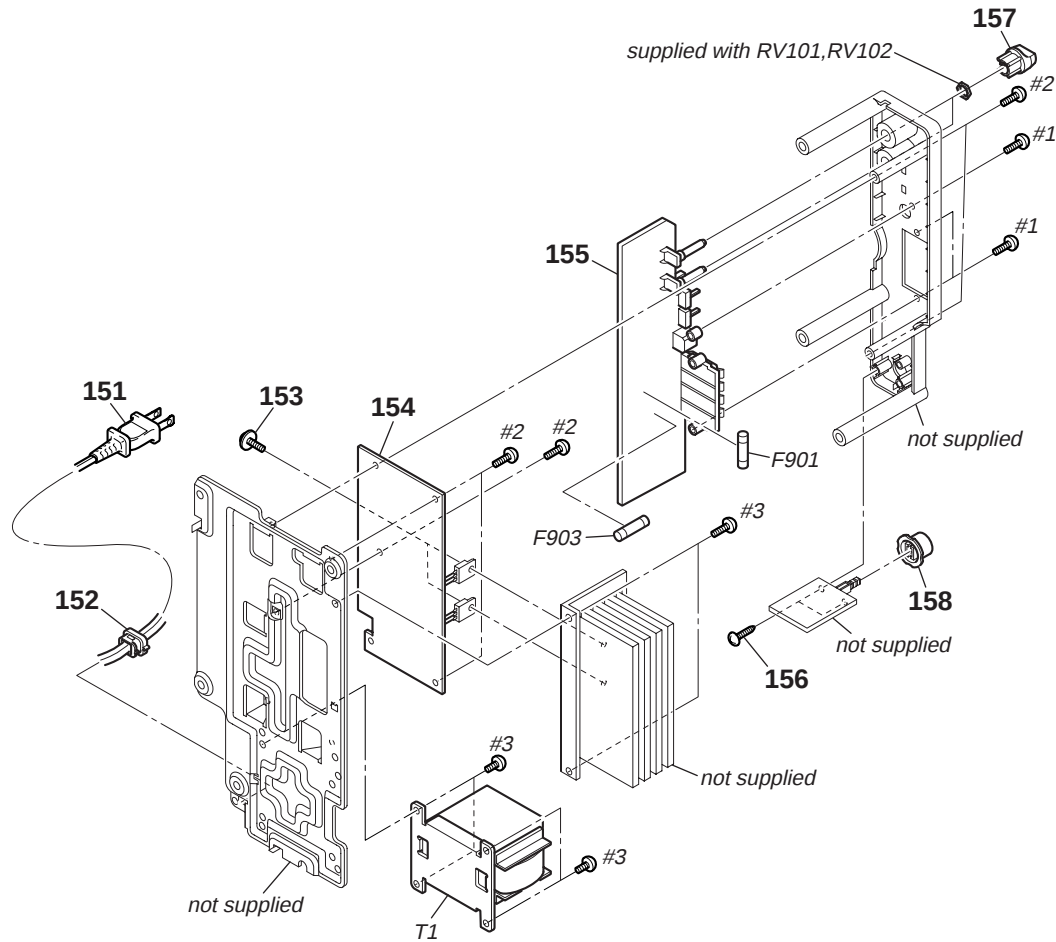
Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
51	A-1252-419-A	GRILLE FRAME ASSY...(BLACK) (W3000: US, CND, SP, MY, AUS)		55	A-1224-561-A	PANEL INDICATOR ASSY	
51	A-1252-420-A	GRILLE FRAME ASSY...(WOOD) (W3000: E51, SP, MY, KR, TH)		56	4-874-614-52	SCREW (1) (3.5X20), TAPPING	
52	4-229-774-01	SCREW, TAPPING, HEXAGON SOCKET		SP101	1-826-572-11	LOUDSPEAKER (30cm)	
53	4-235-677-01	SCREW (4X20) (TYPE1), +BVTP		#1	7-685-647-79	SCREW +BVTP 3X10 TYPE2 N-S	
54	4-210-176-31	EMBLEM (NO.6), SONY					

2-3. CABINET SECTION (W3800)



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

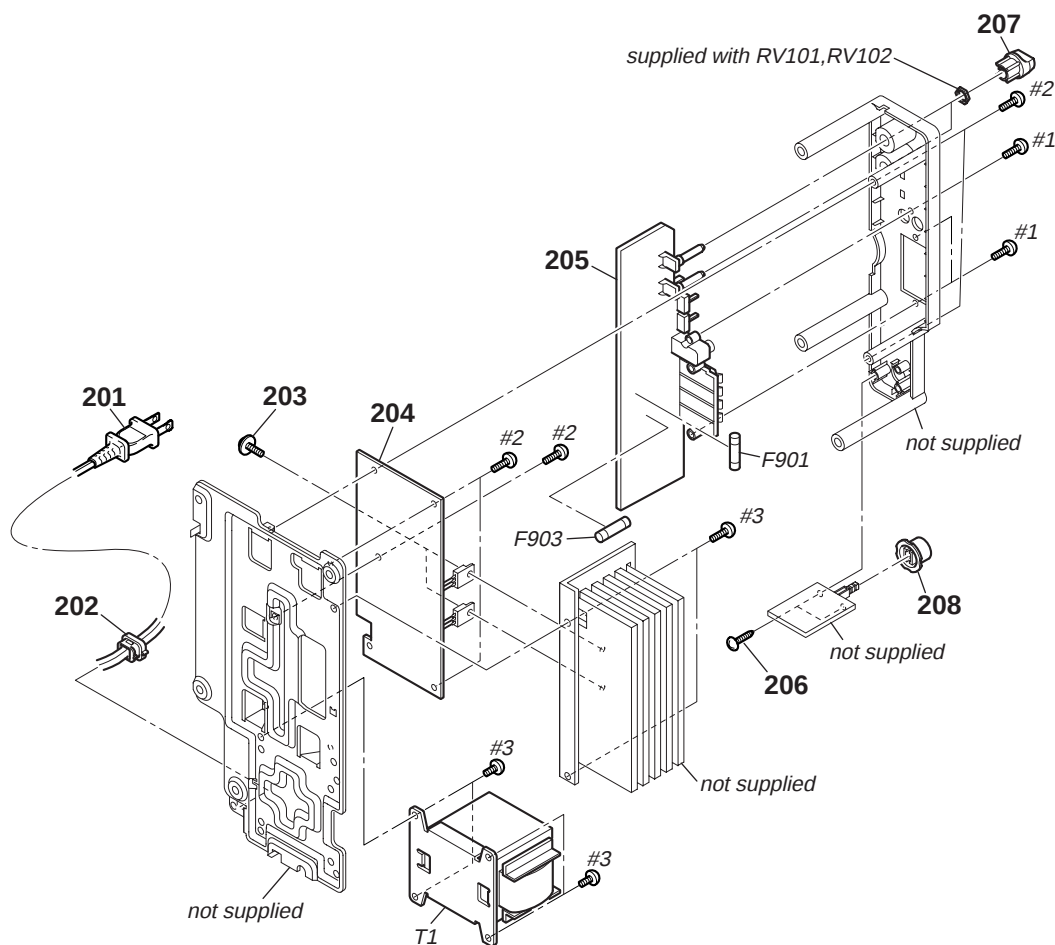
2-4. AMP SECTION (W2500)



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	Ref. No.	Part No.	Description	Remark
△ 201	1-769-079-61	CORD, POWER (KR)		205	A-1223-709-A	INPUT CONTROL BOARD, COMPLETE	
△ 201	1-777-071-23	CORD, POWER (AEP, E51, SP, MY)					(W3000: E51)
△ 201	1-783-820-11	CORD, POWER (US, CND)		205	A-1223-715-A	INPUT CONTROL BOARD, COMPLETE	
△ 201	1-696-848-81	CORD, POWER (AUS)					(W3800: E51)
△ 201	1-834-288-11	CORD, POWER (TH)					
* 202	3-703-244-00	BUSHING (2104), CORD (EXCEPT TH)		206	4-986-971-02	SCREW (3.5X10)	
202	4-916-783-01	BUSHING, CORD (TH)		207	4-999-482-91	KNOB (VOL)	
203	3-905-609-31	SCREW (TRANSISTOR)		208	4-244-832-51	KNOB, POWER	
204	A-1223-643-A	MAIN BOARD, COMPLETE (W3000: US, CND)		△ F901	1-532-388-33	FUSE (T2AL/250V)	
204	A-1223-652-A	MAIN BOARD, COMPLETE (W3800: US, CND)					(W3000: SP, MY, AUS, KR, TH/W3800: AEP, SP, MY, AUS)
				△ F901	1-532-465-33	FUSE (T3.15AL/250V) (W3000,W3800:E51)	
204	A-1223-683-A	MAIN BOARD, COMPLETE		△ F901	1-532-746-11	FUSE, GLASS TUBE (4A/125V)	
		(W3000: SP, MY, AUS, KR, TH)					(W3000,W3800: US, CND)
204	A-1223-693-A	MAIN BOARD, COMPLETE		△ F903	1-532-388-33	FUSE (T2AL/250V) (W3000,W3800: E51)	
		(W3800: AEP, SP, MY, AUS)		△ T1	1-445-128-11	POWER TRANSFORMER	
204	A-1223-707-A	MAIN BOARD, COMPLETE (W3000: E51)					(W3000, W3800: US, CND)
204	A-1223-713-A	MAIN BOARD, COMPLETE (W3800: E51)		△ T1	1-445-164-11	POWER TRANSFORMER	
205	A-1223-645-A	INPUT CONTROL BOARD, COMPLETE					(W3000: SP, MY, AUS, KR, TH/W3800: AEP, SP, MY, AUS)
		(W3000: US, CND)		△ T1	1-445-165-11	POWER TRANSFORMER (W3000, W3800: E51)	
205	A-1223-654-A	INPUT CONTROL BOARD, COMPLETE		#1	7-685-647-79	SCREW +BVTP 3X10 TYPE2 N-S	
		(W3800: US, CND)		#2	7-685-646-79	SCREW +BVTP 3X8 TYPE2 N-S	
205	A-1223-685-A	INPUT CONTROL BOARD, COMPLETE		#3	7-685-881-09	SCREW +BVTT 4X8 (S)	
		(W3000: SP, MY, AUS, KR, TH)					
205	A-1223-695-A	INPUT CONTROL BOARD, COMPLETE					
		(W3800: AEP, SP, MY, AUS)					

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 Δ or dotted line with mark Δ are critical for safety. Replace only with part number specified.

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

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	Ref. No.	Part No.	Description	Remark
D405	8-719-083-60	DIODE UDZSTE-174.7B		R122	1-216-837-11	METAL CHIP 22K 5%	1/10W
D406	8-719-404-50	DIODE MA111-TX		R123	1-216-832-11	METAL CHIP 8.2K 5%	1/10W (W2500)
D901	8-719-404-50	DIODE MA111-TX					
< FUSE HOLDER >				R123	1-216-833-11	METAL CHIP 10K 5%	1/10W (W3000/W3800)
FH901	1-533-293-11	FUSE HOLDER 0A 0V		R124	1-216-845-11	METAL CHIP 100K 5%	1/10W (W2500)
FH904	1-533-293-11	FUSE HOLDER 0A 0V (E51)		R125	1-216-830-11	METAL CHIP 5.6K 5%	1/10W (W2500)
FH951	1-533-293-11	FUSE HOLDER 0A 0V		R125	1-216-832-11	METAL CHIP 8.2K 5%	1/10W (W3000/W3800)
FH954	1-533-293-11	FUSE HOLDER 0A 0V (E51)		R126	1-216-845-11	METAL CHIP 100K 5%	1/10W (W2500)
< IC >							
IC101	8-759-710-97	IC NJM4565M-D		R127	1-216-841-11	METAL CHIP 47K 5%	1/10W (W2500)
IC102	8-759-710-97	IC NJM4565M-D		R127	1-216-864-11	SHORT CHIP 0 (W3000/W3800)	
IC103	8-759-710-97	IC NJM4565M-D		R128	1-216-837-11	METAL CHIP 22K 5%	1/10W (W2500)
IC104	8-759-710-97	IC NJM4565M-D		R128	1-216-851-11	METAL CHIP 330K 5%	1/10W (W3000/W3800)
IC201	8-759-710-97	IC NJM4565M-D		R129	1-216-841-11	METAL CHIP 47K 5%	1/10W
IC202	8-759-710-97	IC NJM4565M-D		R130	1-216-821-11	METAL CHIP 1K 5%	1/10W
IC401	8-759-701-01	IC NJM2904M		R131	1-216-864-11	SHORT CHIP 0	
IC402	8-759-701-01	IC NJM2904M		R133	1-216-833-11	METAL CHIP 10K 5%	1/10W
< JACK >				R134	1-216-833-11	METAL CHIP 10K 5%	1/10W
J101	1-770-157-21	JACK, PIN 2P (LINE IN/OUT) (W3000/W3800)		R135	1-216-829-11	METAL CHIP 4.7K 5%	1/10W
J101	1-770-377-21	JACK, PIN 1P (LINE IN) (W2500)					
< TRANSISTOR >				R136	1-216-833-11	METAL CHIP 10K 5%	1/10W
Q301	8-729-140-98	TRANSISTOR 2SD773-34		R137	1-216-832-11	METAL CHIP 8.2K 5%	1/10W (W2500)
Q302	8-729-140-93	TRANSISTOR 2SB733-34		R137	1-216-833-11	METAL CHIP 10K 5%	1/10W (W3000/W3800)
Q401	8-729-029-40	TRANSISTOR DTA124ESA		R201	1-216-817-11	METAL CHIP 470 5%	1/10W
Q402	8-729-029-86	TRANSISTOR DTC124ESA		R202	1-216-817-11	METAL CHIP 470 5%	1/10W
Q403	8-729-119-76	TRANSISTOR 2SA1175-HFE					
Q404	8-729-119-78	TRANSISTOR 2SC2785-HFE		R203	1-216-821-11	METAL CHIP 1K 5%	1/10W
Q405	8-729-119-78	TRANSISTOR 2SC2785-HFE		R204	1-216-813-11	METAL CHIP 220 5%	1/10W (W2500)
Q406	8-729-119-76	TRANSISTOR 2SA1175-HFE		R204	1-216-817-11	METAL CHIP 470 5%	1/10W (W3000)
Q408	8-729-119-76	TRANSISTOR 2SA1175-HFE		R204	1-216-818-11	METAL CHIP 560 5%	1/10W (W3800)
Q430	8-729-119-78	TRANSISTOR 2SC2785-HFE		R205	1-216-834-11	METAL CHIP 12K 5%	1/10W
< RESISTOR >							
R101	1-216-829-11	METAL CHIP 4.7K 5%	1/10W	R206	1-216-849-11	METAL CHIP 220K 5%	1/10W
R102	1-216-839-11	METAL CHIP 33K 5%	1/10W	R207	1-216-849-11	METAL CHIP 220K 5%	1/10W
R103	1-216-839-11	METAL CHIP 33K 5%	1/10W	R208	1-216-841-11	METAL CHIP 47K 5%	1/10W
R104	1-216-839-11	METAL CHIP 33K 5%	1/10W	R209	1-216-821-11	METAL CHIP 1K 5%	1/10W
R105	1-216-839-11	METAL CHIP 33K 5%	1/10W	R210	1-216-837-11	METAL CHIP 22K 5%	1/10W
R106	1-260-107-11	CARBON 4.7K 5%	1/2W	R211	1-216-849-11	METAL CHIP 220K 5%	1/10W
R107	1-260-107-11	CARBON 4.7K 5%	1/2W	R212	1-216-849-11	METAL CHIP 220K 5%	1/10W
R108	1-216-829-11	METAL CHIP 4.7K 5%	1/10W	R213	1-216-821-11	METAL CHIP 1K 5%	1/10W
R109	1-216-829-11	METAL CHIP 4.7K 5%	1/10W	R214	1-216-834-11	METAL CHIP 12K 5%	1/10W
R110	1-216-829-11	METAL CHIP 4.7K 5%	1/10W	R301	1-216-825-11	METAL CHIP 2.2K 5%	1/10W
R111	1-216-821-11	METAL CHIP 1K 5%	1/10W	R302	1-216-825-11	METAL CHIP 2.2K 5%	1/10W
R112	1-216-821-11	METAL CHIP 1K 5%	1/10W	R401	1-216-837-11	METAL CHIP 22K 5%	1/10W
R113	1-216-841-11	METAL CHIP 47K 5%	1/10W	R402	1-216-837-11	METAL CHIP 22K 5%	1/10W
R114	1-216-835-11	METAL CHIP 15K 5%	1/10W	R403	1-216-853-11	METAL CHIP 470K 5%	1/10W
R115	1-216-837-11	METAL CHIP 22K 5%	1/10W	R404	1-216-853-11	METAL CHIP 470K 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	R405	1-216-833-11	METAL CHIP 10K 5%	1/10W
R118	1-216-833-11	METAL CHIP 10K 5%	1/10W	R406	1-216-849-11	METAL CHIP 220K 5%	1/10W
R119	1-216-833-11	METAL CHIP 10K 5%	1/10W	R407	1-216-845-11	METAL CHIP 100K 5%	1/10W
R120	1-216-829-11	METAL CHIP 4.7K 5%	1/10W	R408	1-216-833-11	METAL CHIP 10K 5%	1/10W
R121	1-216-829-11	METAL CHIP 4.7K 5%	1/10W (W3800)	R409	1-216-833-11	METAL CHIP 10K 5%	1/10W
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)	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

SA-W2500/W3000/W3800
Ver. 1.1

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
< 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		

MAIN

SWITCH

Ref. No.	Part No.	Description	Remark			Ref. No.	Part No.	Description	Remark		
D703	8-719-404-50	DIODE MA111-TX				R711	1-249-393-11	CARBON 10	5%	1/4W	
D704	8-719-404-50	DIODE MA111-TX				R712	1-249-437-11	CARBON 47K	5%	1/4W	
D705	8-719-404-50	DIODE MA111-TX				R713	1-249-408-11	CARBON 180	5%	1/4W	
D706	8-719-404-50	DIODE MA111-TX				R714	1-249-408-11	CARBON 180	5%	1/4W	
D801	6-501-003-21	DIODE D6SBN20-7003				R715	1-249-401-11	CARBON 47	5%	1/4W	
D802	8-719-053-18	DIODE 1SR154-400TE-25				R716	1-249-393-11	CARBON 10	5%	1/4W	
D803	8-719-053-18	DIODE 1SR154-400TE-25				R717	1-216-818-11	METAL CHIP 560	5%	1/10W	
D804	8-719-053-18	DIODE 1SR154-400TE-25				R718	1-216-841-11	METAL CHIP 47K	5%	1/10W	
D805	8-719-053-18	DIODE 1SR154-400TE-25				R719	1-216-825-11	METAL CHIP 2.2K	5%	1/10W	
< EARTH TERMINAL >						R720	1-249-405-11	CARBON 100	5%	1/4W	
EP1	1-537-738-21	TERMINAL, GROUND				R721	1-249-405-11	CARBON 100	5%	1/4W	
< IC >						△ R722	1-234-182-11	ENCAPSULATED COMPONENT 0.22X2			
< TRANSISTOR >						R723	1-216-829-11	METAL CHIP 4.7K	5%	1/10W	
IC500	6-708-609-01	IC uPC1237C-A				R724	1-216-834-11	METAL CHIP 12K	5%	1/10W	(W2500)
< RESISTOR >						R724	1-216-837-11	METAL CHIP 22K	5%	1/10W	(W3000/W3800)
Q505	8-729-119-76	TRANSISTOR 2SA1175-HFE				R725	1-216-825-11	METAL CHIP 2.2K	5%	1/10W	
Q701	8-729-140-82	TRANSISTOR 2SA988-PAFAEA				R726	1-216-825-11	METAL CHIP 2.2K	5%	1/10W	
Q702	8-729-140-82	TRANSISTOR 2SA988-PAFAEA				△ R801	1-219-165-11	FUSIBLE 1	5%	1/2W	
Q703	8-729-140-82	TRANSISTOR 2SA988-PAFAEA				△ R802	1-219-165-11	FUSIBLE 1	5%	1/2W	
Q704	8-729-214-51	TRANSISTOR 2SA1145-O				< RELAY >					
Q705	8-729-119-78	TRANSISTOR 2SC2785-HFE				RY501	1-755-170-11	RELAY (12V)			
Q706	8-729-119-78	TRANSISTOR 2SC2785-HFE				< TRANSFORMER >					
Q707	8-729-270-51	TRANSISTOR 2SC2705-O				△ T202	1-443-516-11	POWER TRANSFORMER (US, CND)			
Q708	6-702-391-01	IC MP1620-OPY-MK				△ T202	1-443-517-11	POWER TRANSFORMER			(EXCEPT US, CND, E51, TW)
Q709	6-702-390-01	IC MN2488-OPY-MK				△ T202	1-443-519-11	POWER TRANSFORMER (TW)			
Q710	8-729-119-76	TRANSISTOR 2SA1175-HFE				△ T202	1-443-520-11	POWER TRANSFORMER (E51)			
Q711	8-729-141-30	TRANSISTOR 2SC3623A-LK				*****					
Q731	8-729-140-84	TRANSISTOR 2SC1841-PAFAEA				SWITCH BOARD					
< RESISTOR >						*****					
R500	1-216-833-11	METAL CHIP 10K	5%	1/10W		< CONNECTOR >					
R506	1-216-847-11	METAL CHIP 150K	5%	1/10W		CNP902	1-564-321-00	PIN, CONNECTOR (3.96mm PITCH) 2P			
△ R507	1-260-320-11	CARBON 220	5%	1/2W		< SWITCH >					
R508	1-249-393-11	CARBON 10	5%	1/4W		△ S901	1-572-267-51	SWITCH, PUSH (AC POWER) (1 KEY)			(POWER)
R509	1-216-837-11	METAL CHIP 22K	5%	1/10W		*****					
R510	1-216-847-11	METAL CHIP 150K	5%	1/10W		MISCELLANEOUS					
R511	1-249-393-11	CARBON 10	5%	1/4W		*****					
R512	1-216-845-11	METAL CHIP 100K	5%	1/10W		△ 151	1-769-079-61	CORD, POWER (KR)			
R513	1-249-433-11	CARBON 22K	5%	1/4W		△ 151	1-777-071-23	CORD, POWER (W2500: AEP, UK, R51, SP, MY)			
R514	1-216-833-11	METAL CHIP 10K	5%	1/10W		△ 151	1-783-820-11	CORD, POWER (W2500: US, CND)			
R515	1-216-833-11	METAL CHIP 10K	5%	1/10W		△ 151	1-696-848-81	CORD, POWER (W2500: AUS)			
R516	1-216-833-11	METAL CHIP 10K	5%	1/10W		△ 151	1-827-597-41	CORD, POWER (TW)			
△ R519	1-220-894-11	METAL 0.22	10%	5W		△ 151	1-834-288-11	CORD, POWER (TH)			
R701	1-216-821-11	METAL CHIP 1K	5%	1/10W		△ 201	1-769-079-61	CORD, POWER (KR)			
R702	1-216-805-11	METAL CHIP 47	5%	1/10W	(W2500)	△ 201	1-834-288-11	CORD, POWER (TH)			
R702	1-216-817-11	METAL CHIP 470	5%	1/10W	(W3000/W3800)	△ 201	1-777-071-23	CORD, POWER			(W3000: E51, SP, MY/W3800: AEP, E51, SP, MY)
R703	1-216-841-11	METAL CHIP 47K	5%	1/10W		△ 201	1-783-820-11	CORD, POWER (W3000/W3800: US, CND)			
R704	1-216-821-11	METAL CHIP 1K	5%	1/10W	(W3000/W3800)	△ 201	1-696-848-81	CORD, POWER (W3000/W3800: AUS)			
R704	1-216-822-11	METAL CHIP 1.2K	5%	1/10W	(W2500)	△ F901	1-532-463-33	FUSE (T1AL/250V)			(W2500: AEP, UK, SP, MY, AUS, KR, TH)
R705	1-216-815-11	METAL CHIP 330	5%	1/10W		△ F901	1-532-503-33	FUSE (T1.6AL/250V) (W2500: E51)			
R706	1-216-812-11	METAL CHIP 180	5%	1/10W		△ F901	1-533-418-12	FUSE, GLASS CYLINDRICAL (DIA.5) (2.5A/125V)			(W2500: US, CND, TW)
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							

SA-W2500/W3000/W3800
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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	LOUDSPEAKER (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

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

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