

TA-H200/H300

SERVICE MANUAL

US Model
Canadian Model
AEP Model
UK Model
Australian Model
 TA-H300
E Model
 TA-H200/H300



TA-H200 is the amplifier section in FH-E929.

TA-H300 is the amplifier section in MHC-3500/FH-E828.

Photo : TA-H300

SPECIFICATIONS

AUDIO POWER SPECIFICATIONS

(for US, Canadian model)

POWER OUTPUT AND TOTAL HARMONIC DISTORTION:

With 6 ohm loads both channels driven, from 50–20,000Hz; rated 30 watts per channel minimum RMS power, with no more than 1% total harmonic distortion from 250 milliwatts to rated output.

Continuous RMS power output (AEP, UK, West Germany, Italian, E, Saudi Arabia, Australian model) 45+45 watts (6 ohms, at 1kHz, 5% THD)

| Input | Sensitivity | Impedance |
|--|-------------|------------|
| AUX (phono jacks) | 450mV | 50 kilohms |
| CD (E, Saudi Arabia, Australian model) (phono jacks) | | |
| MIC (minijack) | 1mV | 600 ohms |
| PHONO (phono jacks) | 2.5mV | 47 kilohms |

Outputs

| | |
|------------------------------|---------------------------------------|
| HEADPHONES (stereo minijack) | Accepts headphones of 8 ohms or more. |
| SPEAKER | Accepts speakers of 6 to 16 ohms. |

Power requirements US, Canadian model: 120V AC, 60Hz
 AEP, West Germany, Italian model: 220V, 50/60Hz
 UK model: 240V, 50Hz
 E, Saudi Arabia, Australian model: 120, 220 or 240 V AC adjustable, 50/60Hz

| Power consumption | TA-H200 | TA-H300 |
|-----------------------------------|---------|---------|
| US model | 100W | 120W |
| Canadian model | 100W | 170W |
| AEP, West Germany Italian model | 100W | 120W |
| UK model | 100W | 230W |
| E, Saudi Arabia, Australian model | 100W | 110W |





INTEGRATED STEREO AMPLIFIER
SONY®

**SECTION 1
SERVICING NOTES**


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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.

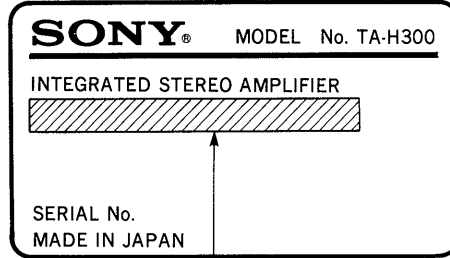
**ATTENTION AU COMPOSANT AYANT RAPPORT
À LA SÉCURITÉ!**

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.

MODEL IDENTIFICATION

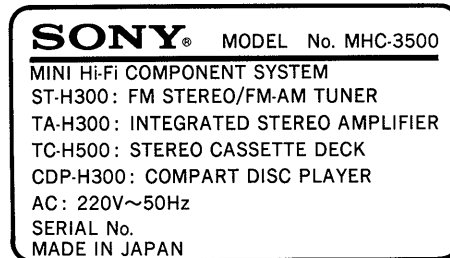
—Specification Label—

TA-H300

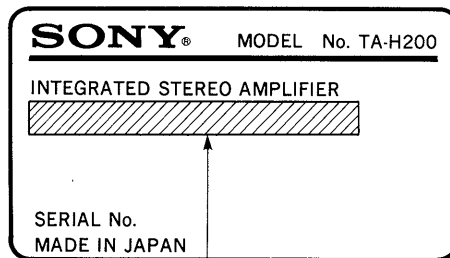


US, Canadian Model: AC: 120V~60Hz
 AEP Model: AC: 220V~50/60Hz
 Italian Model: AC: 220V~50Hz
 UK Model: AC: 240V~50Hz
 E, Saudi Arabia, Australian Model: AC: 120/220/240V~50/60Hz 110W

West Germany Model:



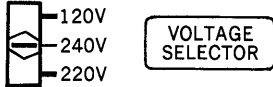
TA-H200



E, Saudi Arabia Model: AC: 120/220/240V~50/60Hz 100W

On operating voltage

Before operating the unit, check that the operating voltage of your unit is identical with the voltage of your local power supply.

| Where purchased | Operating voltage |
|-----------------------------------|--|
| US, Canadian Model | 120V AC |
| UK Model | 240V AC |
| AEP, West Germany, Italian Model | 220V AC |
| E, Saudi Arabia, Australian Model | 120V, 220V or 240V AC adjustable by AC voltage selector  |

SAFETY CHECK-OUT

After correcting the original service problem, perform the following safety check 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 TEST

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 2 V AC range are suitable. (See Fig. A)

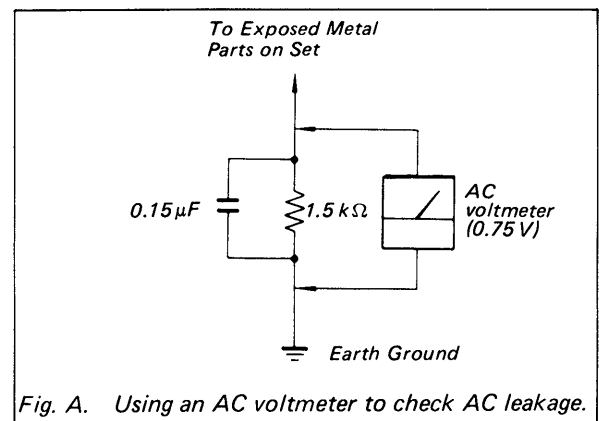
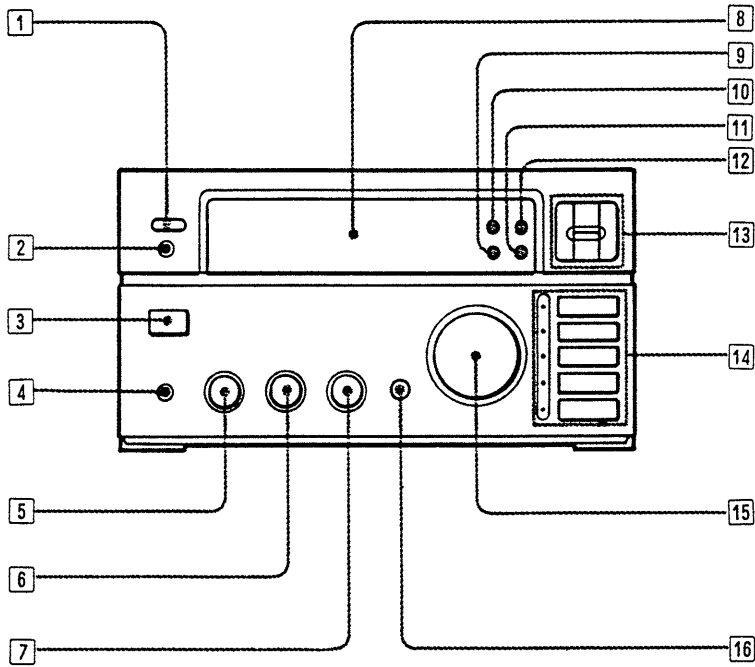


Fig. A. Using an AC voltmeter to check AC leakage.

SECTION 2 GENERAL

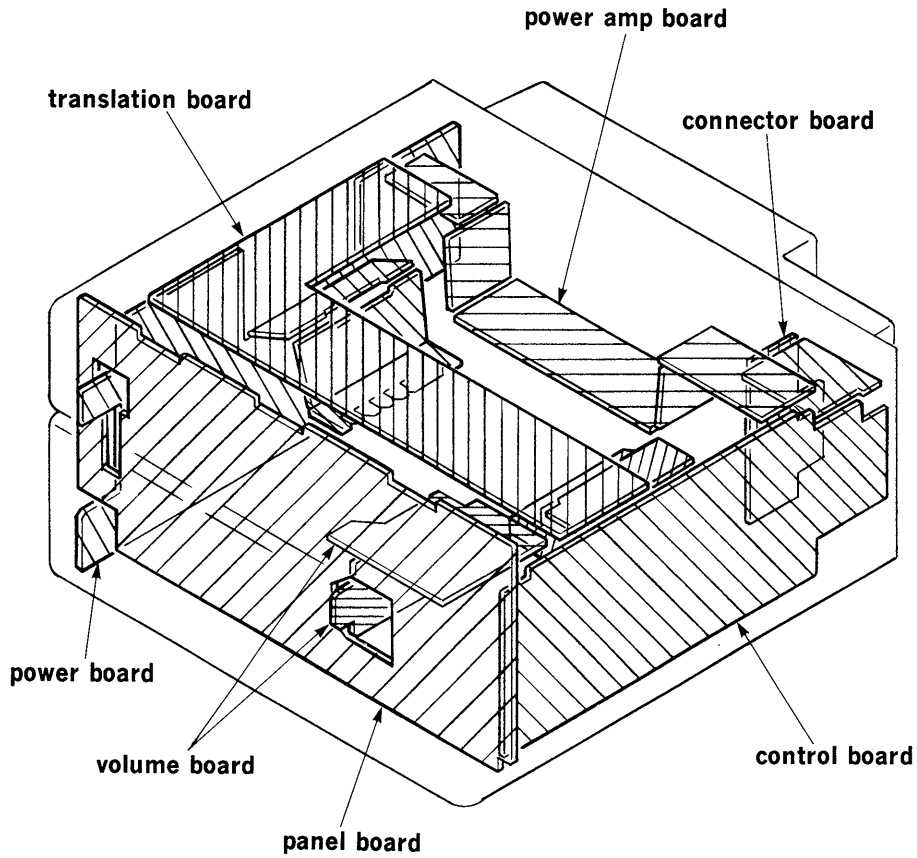
2-1. FUNCTION OF CONTROLS



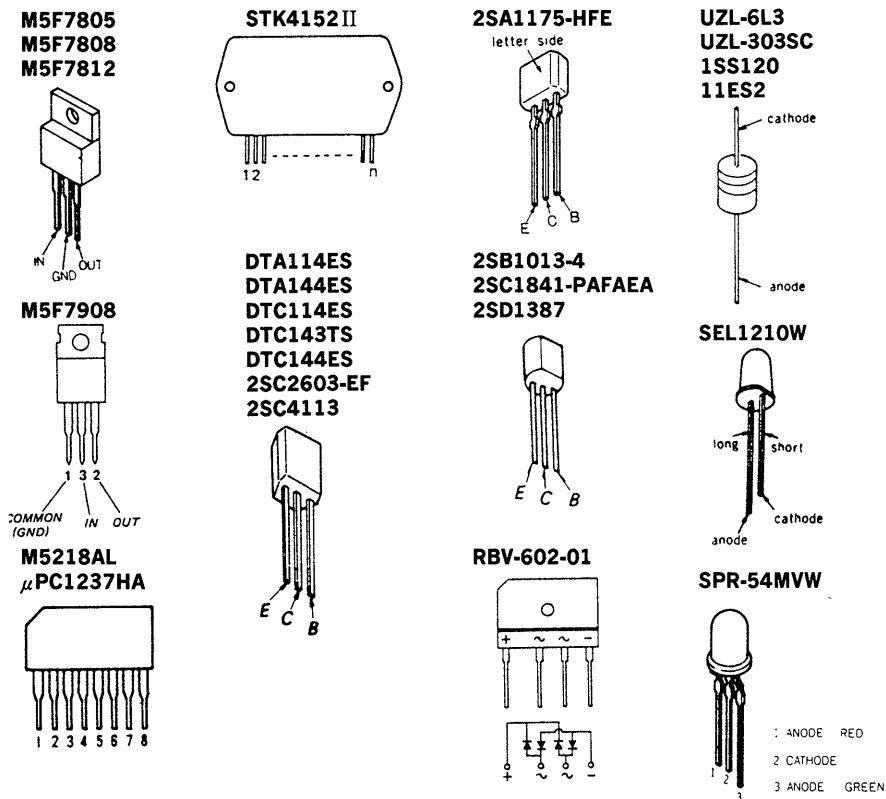
- 1 SURROUND button
- 2 HEADPHONES jack
- 3 SYSTEM POWER Switch and STANDBY indicator
It remains lit as long as the AC power cord is connected to a wall outlet.
- 4 MIX MIC (microphone) input jack
- 5 MIC (microphone) LEVEL control
- 6 DBFB LEVEL (Dynamic Bass Feedback) control (US, CND, AEP, UK, WG, IT model)
SAT control (E, EA, AUS, model)
- 7 BALANCE control
- 8 Display window
- 9 MEMORY button
- 10 DISPLAY button
- 11 CURSOR PRESET/EQ button
- 12 EQUALIZATION button
- 13 CURSOR CONTROL buttons
- 14 Function selectors
- 15 VOLUME control
- 16 PROGRAM FUNCTION button

SECTION 3 DIAGRAMS

3-1. CIRCUIT BOARDS LOCATION

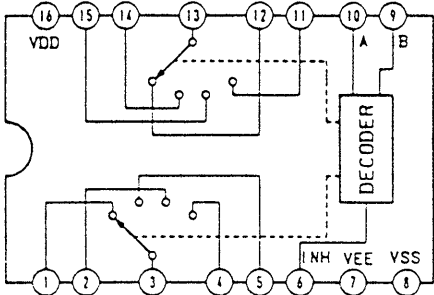


3-2. SEMICONDUCTOR LEAD LAYOUTS

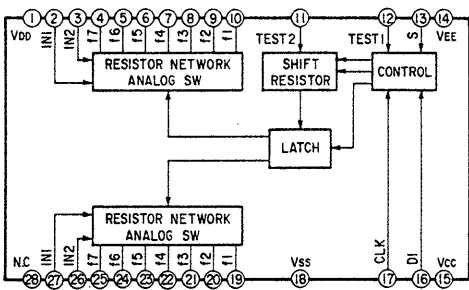


3-3. IC BLOCK DIAGRAMS

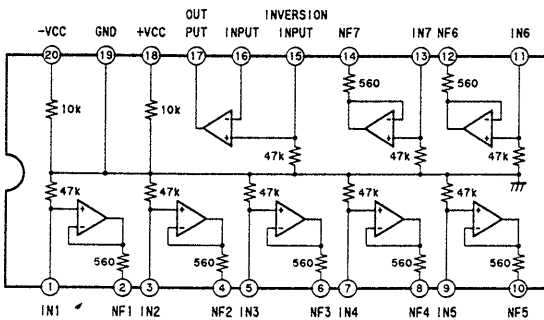
• IC102, 103 TC4052BPHB



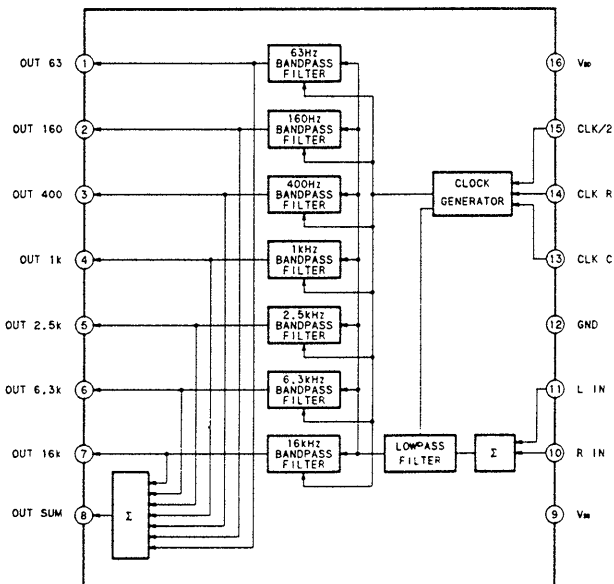
• IC106 LC7522



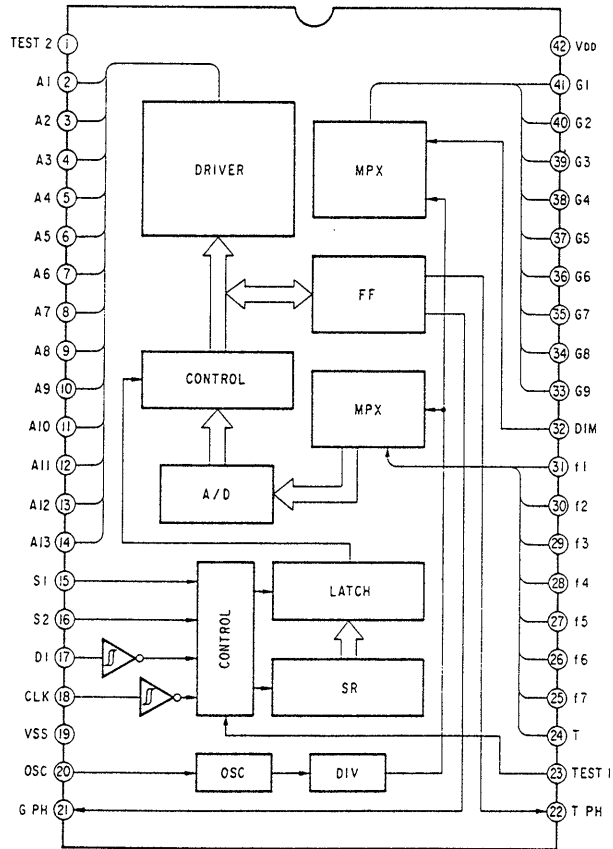
• IC107, 108 M5229P



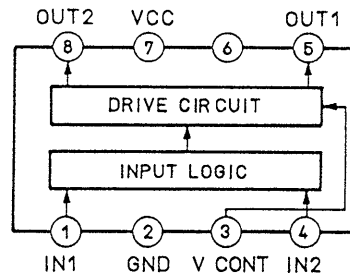
• IC412 XR1091



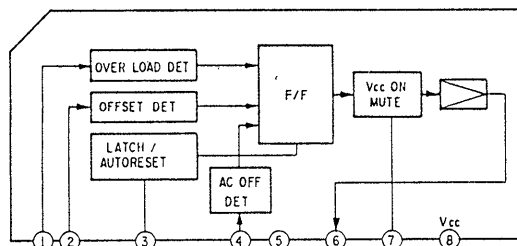
• IC503 LC7565



• IC701 LB1639



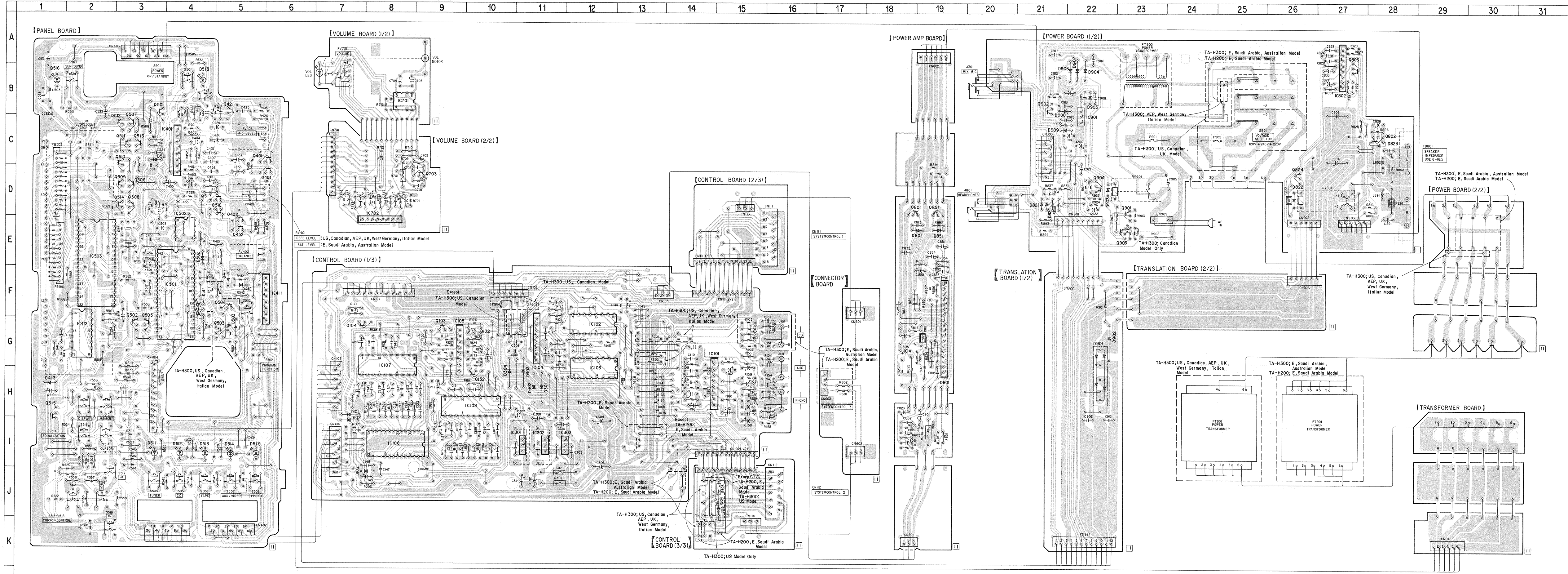
• IC802 μ PC1237HA

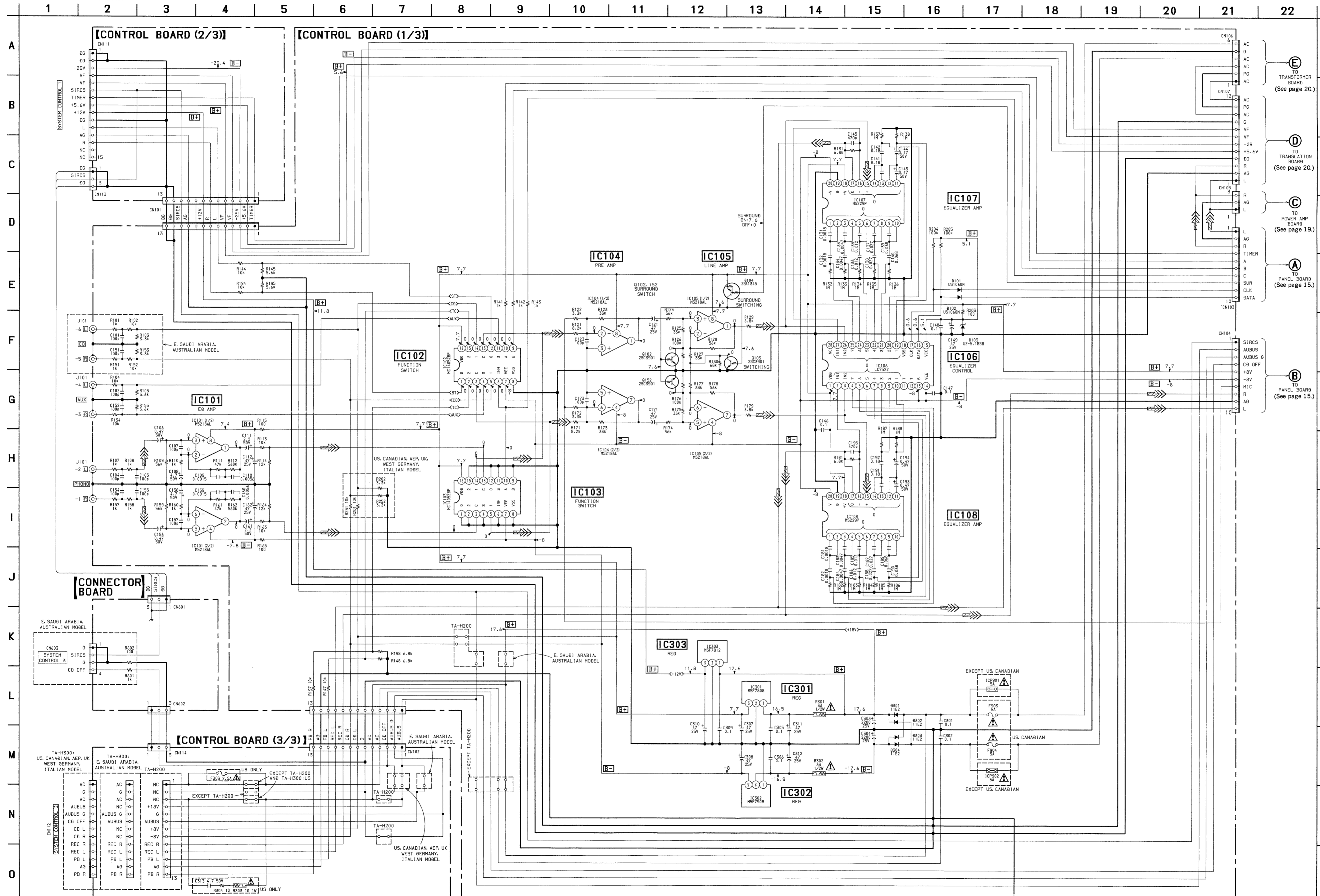


• Semiconductor Location

| Ref. No. | Location | Ref. No. | Location |
|----------|----------|----------|----------|
| D101 | H-7 | Q102 | G-10 |
| D102 | H-7 | Q103 | G-9 |
| D103 | J-7 | Q104 | G-7 |
| D301 | H-11 | Q152 | H-10 |
| D302 | H-11 | Q401 | C-5 |
| D303 | H-11 | Q402 | D-5 |
| D304 | H-10 | Q421 | B-5 |
| D411 | F-5 | Q451 | D-5 |
| D412 | F-5 | Q452 | E-5 |
| D413 | H-1 | Q501 | B-3 |
| D501 | C-3 | Q502 | F-3 |
| D502 | E-4 | Q503 | G-5 |
| D503 | G-5 | Q504 | F-5 |
| D511 | I-3 | Q505 | F-3 |
| D512 | I-4 | Q506 | D-3 |
| D513 | I-4 | Q507 | C-3 |
| D514 | I-5 | Q508 | D-3 |
| D515 | I-5 | Q509 | D-3 |
| D516 | B-1 | Q510 | C-3 |
| D517 | F-4 | Q511 | C-3 |
| D518 | B-4 | Q512 | C-3 |
| D801 | E-18 | Q513 | C-3 |
| D821 | D-21 | Q514 | D-3 |
| D822 | D-26 | Q511 | H-1 |
| D823 | C-28 | Q517 | D-4 |
| D824 | D-21 | Q518 | D-5 |
| D851 | E-19 | Q703 | D-9 |
| D901 | G-22 | Q801 | D-18 |
| D902 | G-22 | Q802 | C-28 |
| D903 | D-22 | Q803 | A-27 |
| D904 | B-22 | Q804 | D-26 |
| D905 | B-22 | Q851 | D-19 |
| D906 | B-21 | Q901 | D-23 |
| D907 | A-22 | Q902 | B-21 |
| D908 | B-21 | Q903 | E-23 |
| D909 | C-21 | Q904 | D-22 |
| IC101 | G-14 | | |
| IC102 | G-12 | | |
| IC103 | G-12 | | |
| IC104 | G-11 | | |
| IC105 | G-9 | | |
| IC106 | I-8 | | |
| IC107 | G-8 | | |
| IC108 | H-10 | | |
| IC301 | I-11 | | |
| IC302 | I-11 | | |
| IC303 | I-11 | | |
| IC401 | C-4 | | |
| IC411 | F-6 | | |
| IC412 | G-2 | | |
| IC501 | F-4 | | |
| IC502 | D-4 | | |
| IC503 | E-2 | | |
| IC701 | B-8 | | |
| IC702 | D-8 | | |
| IC801 | H-19 | | |
| IC802 | B-27 | | |
| IC901 | C-22 | | |

3-4. PRINTED WIRING BOARDS

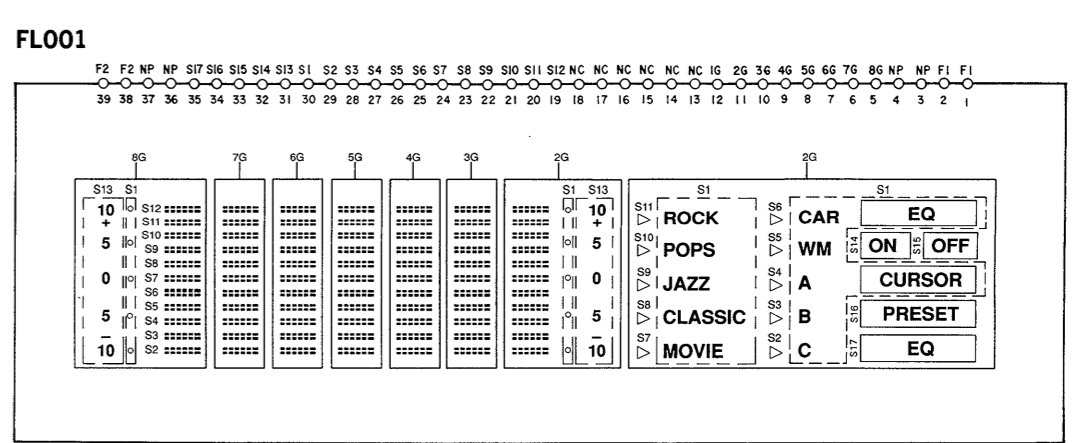
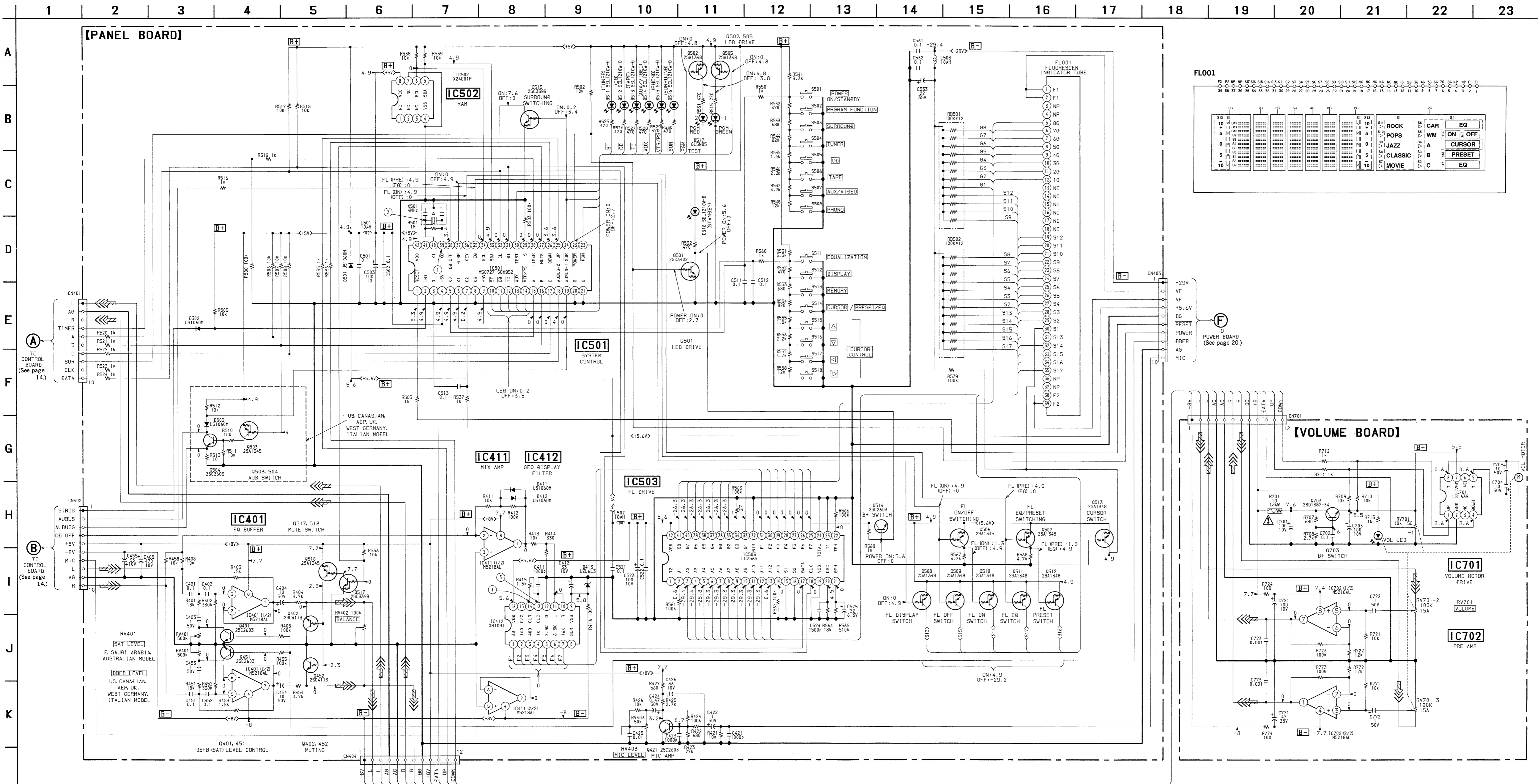




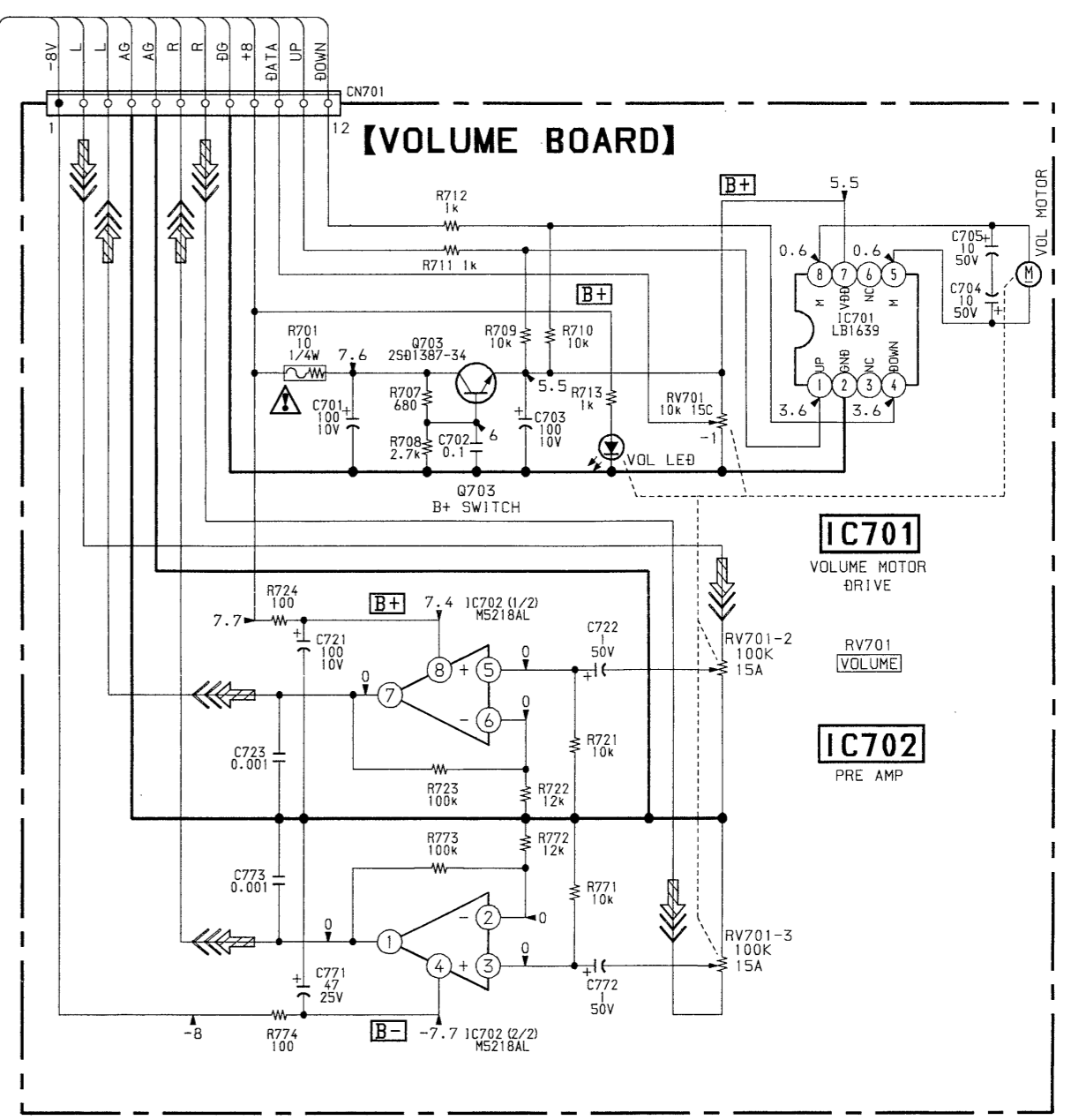
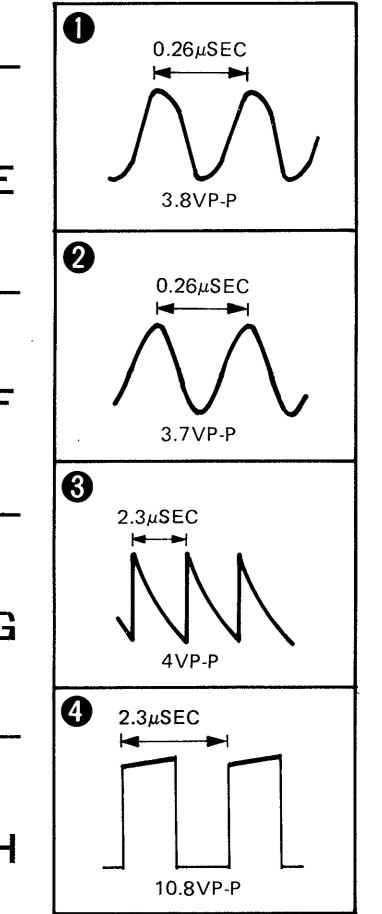
- Note:**
- All capacitors are in μF unless otherwise noted. pF: μF 50WV or less are not indicated except for electrolytics and tantalums.
 - All resistors are in Ω and $\frac{1}{4}\text{W}$ or less unless otherwise specified.
 - Δ : internal component.
 - \square : nonflammable resistor.
 - --- : fusible resistor.
 - --- : B+ Line
 - --- : B- Line
 - Voltage and waveforms are dc with respect to ground under no-signal conditions.
 - Volts are taken with a VOM (Input Impedance $10\text{M}\Omega$). Voltage variations may be noted due to normal production tolerances.
 - Waveforms are taken with an oscilloscope.
 - Circled numbers refer to waveforms.
 - Signal path.
 - --- : PHONO

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

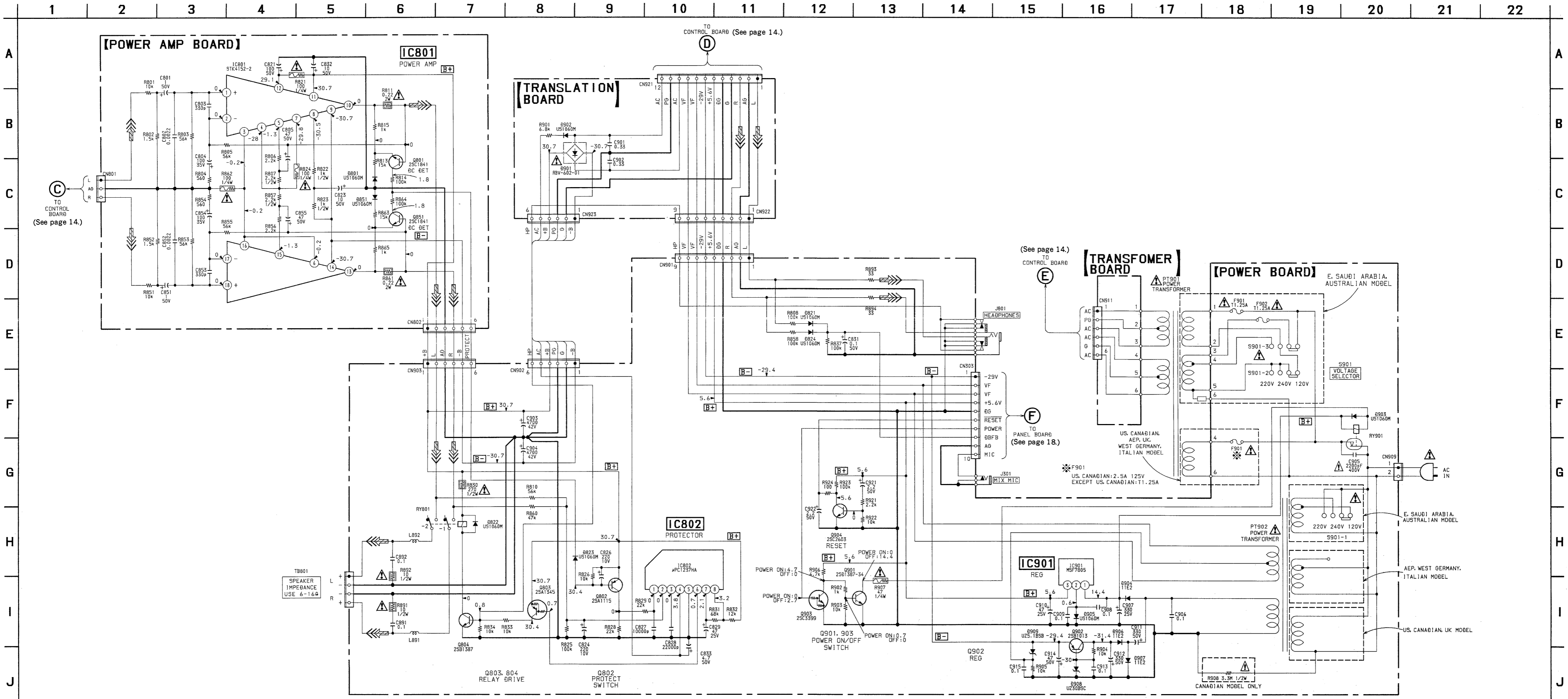
Note: Les composants identifiés par une marque Δ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.



• Waveforms



3-7. SCHEMATIC DIAGRAM —POWER SECTION— • Refer to page 14 for notes.



SECTION 4 EXPLODED VIEWS

NOTE:

- The mechanical parts with no reference number in the exploded views are not supplied.
- The construction parts of an assembled part are indicated with a collation number in the remark column.
- Items marked "★" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

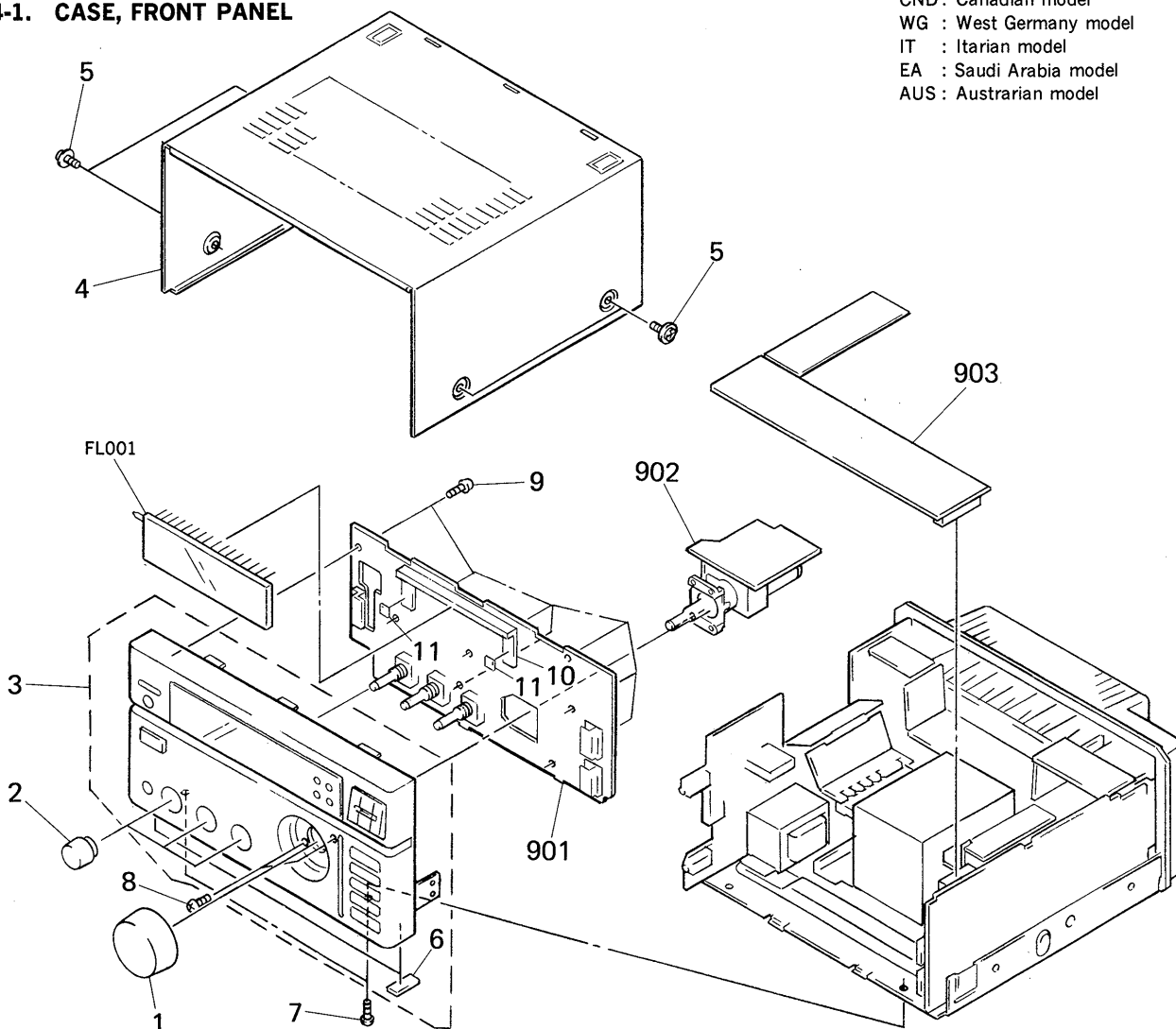
- Due to standardization, parts with part number suffix -XX and -X may be different from the parts specified in the components used on the set.
- Color Indication of Appearance Parts
Example:
(RED) ... KNOB, BALANCE (WHITE)
 ↑ ↑
Cabinet's Color Parts' Color

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 pièce portant le numéro spécifié.

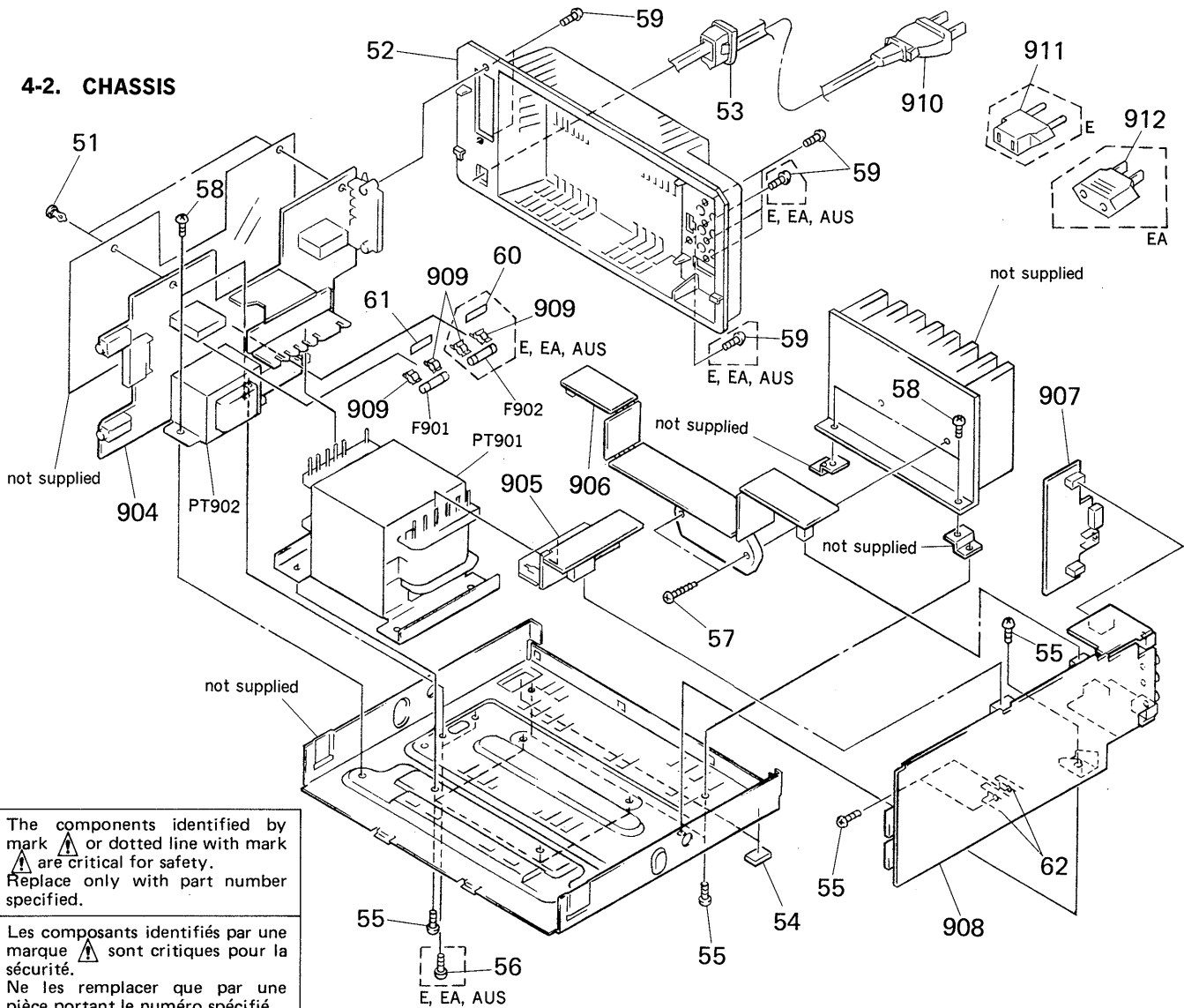
CND : Canadian model
WG : West Germany model
IT : Italian model
EA : Saudi Arabia model
AUS : Austrarian model

4-1. CASE, FRONT PANEL



| No. | Part No. | Description | Remarks | No. | Part No. | Description | Remarks |
|-----|--------------|--|---------|-------|---------------|--|---------|
| 1 | X-4936-803-1 | KNOB (VOLUME) ASSY | | 8 | 7-682-548-04 | SCREW +BVT 3X8 (S) | |
| 2 | 4-930-323-01 | KNOB | | 9 | 7-685-534-19 | SCREW +BTP 2.6X8 TYPE2 N-S | |
| 3 | X-4930-317-1 | (H300:US,CND,AEP,WG,UK,IT) ...PANEL ASSY, FRONT | | 10 | *4-934-443-01 | HOLDER (FL TUBE) | |
| | X-4930-318-2 | (H200).....PANEL ASSY, FRONT | | 11 | *4-932-810-01 | CUSHION (FL) | |
| | X-4930-319-2 | (H300:AUS,E,EA)...PANEL ASSY, FRONT | | 901 | *A-4334-639-A | (H300:US,CND,AEP,UK,AUS,E,EA) ...MOUNTED PCB, PANEL | |
| 4 | 4-932-841-01 | CASE | | | *A-4334-640-A | (H300:WG,IT)....MOUNTED PCB, PANEL | |
| 5 | 3-704-366-01 | SCREW (CASE) (M3X8) | | | *A-4334-995-A | (H200).....MOUNTED PCB, PANEL | |
| 6 | 4-930-336-01 | FOOT (FELT) | | 902 | *1-635-301-11 | PC BOARD, VOLUME | |
| 7 | 7-685-870-01 | SCREW +BVT 3X5 (S) | | 903 | *1-635-304-11 | PC BOARD, TRANSLATION | |
| | | | | FL001 | 1-519-607-11 | INDICATOR TUBE, FLUORESCENT | |

4-2. CHASSIS



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 pièce portant le numéro spécifié.

| No. | Part No. | Description | Remarks | No. | Part No. | Description | Remarks |
|-------|---------------|---|---------|-------|----------------|--|---------|
| 51 | 4-812-134-11 | RIVET NYLON, 3.5 | | 907 | *1-635-302-11 | PC BOARD, CONNECTOR | |
| 52 | *4-934-445-02 | (AUS,E,EA).....PANEL, BACK | | 908 | *A-4334-635-A | (H300:E,EA,AUS)...MOUNTED PCB, CONTROL | |
| | *4-934-445-11 | (US,CND,AEP,WG,UK,IT)...PANEL, BACK | | | *A-4334-636-A | (H300:WG,IT).....MOUNTED PCB, CONTROL | |
| 53 | *3-703-244-00 | (EXCEPT E)...BUSHING (2104), CORD | | | *A-4334-637-A | (H300:US).....MOUNTED PCB, CONTROL | |
| | *3-703-571-00 | (E).....BUSHING (4516), CORD | | | *A-4334-638-A | (H300:CND).....MOUNTED PCB, CONTROL | |
| 54 | 4-930-336-01 | FOOT (FELT) | | | *A-4334-903-A | (H300:AEP,UK).....MOUNTED PCB, CONTROL | |
| 55 | 7-682-547-04 | SCREW +BVTT 3X6 (S) | | | *A-4334-662-A | (H200).....MOUNTED PCB, CONTROL | |
| 56 | 7-685-647-11 | (AUS,E,EA)...SCREW +BVTT 3X10 TYPE2 N-S | | 909 | 1-533-213-31 | HOLDER, FUSE | |
| 57 | 7-685-650-79 | SCREW +BVTP 3X16 TYPE2 IT-3 | | 910 | ▲.1-574-804-11 | (UK).....CORD, POWER | |
| ks 58 | 7-682-548-04 | SCREW +BVTT 3X8 (S) | | | ▲.1-574-805-11 | (AEP,WG,IT,EA)...CORD, POWER | |
| 59 | 7-685-647-79 | SCREW +BVTP 3X10 TYPE2 N-S | | | ▲.1-574-902-11 | (E).....CORD, POWER | |
| 60 | 3-701-947-12 | (EXCEPT US,CND)...LABEL (T1.25A), FUSE | | | ▲.1-575-105-11 | (US,CND).....CORD, POWER | |
| 61 | *3-701-946-23 | (US,CND).....LABEL (2A125V), FUSE | | | ▲.1-575-677-11 | (AUS).....CORD, POWER | |
| | *3-701-947-12 | (E, EA, AUS).....LABEL (T1.25A), FUSE | | 911 | ▲.1-569-007-11 | (E)...ADAPTOR, CONVERSION 2P | |
| 62 | *3-309-144-21 | HEAT SINK | | 912 | ▲.1-569-008-11 | (EA)...ADAPTOR, CONVERSION 2P | |
| 904 | *A-4334-641-A | (AUS,E,EA)...MOUNTED PCB, POWER | | F901 | ▲.1-532-502-51 | (EXCEPT US,CND)...FUSE, TIME LAG (1.25A) | |
| | *A-4334-642-A | (AEP).....MOUNTED PCB, POWER | | F901 | ▲.1-532-744-11 | (US,CND).....FUSE, GLASS TUBE (2.5A) | |
| | *A-4334-643-A | (UK).....MOUNTED PCB, POWER | | F902 | ▲.1-532-502-51 | (E,EA,AUS).....FUSE, TIME LAG (1.25A) | |
| | *A-4334-644-A | (WG,IT).....MOUNTED PCB, POWER | | PT901 | ▲.1-449-998-11 | (E,EA,AUS).....TRANSFORMER, POWER | |
| | *A-4334-645-A | (US).....MOUNTED PCB, POWER | | PT901 | ▲.1-449-999-11 | (AEP,WG,IT)...TRANSFORMER, POWER | |
| | *A-4334-994-A | (CND).....MOUNTED PCB, POWER | | PT901 | ▲.1-450-001-11 | (UK).....TRANSFORMER, POWER | |
| 905 | *1-635-303-11 | PC BOARD, TRANSFORMER | | PT901 | ▲.1-450-002-11 | (US).....TRANSFORMER, POWER | |
| 906 | *A-4334-646-A | (EXCEPT WG,IT)...MOUNTED PCB, POWER AMP | | PT901 | ▲.1-450-003-11 | (CND).....TRANSFORMER, POWER | |
| | *A-4334-647-A | (WG,IT).....MOUNTED PCB, POWER AMP | | PT902 | ▲.1-450-041-11 | (E,EA,AUS).....TRANSFORMER, POWER | |
| | | | | PT902 | ▲.1-450-042-11 | (AEP,UK,WG,IT)...TRANSFORMER, POWER | |
| | | | | PT902 | ▲.1-450-043-11 | (US,CND).....TRANSFORMER, POWER | |

SECTION 5 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.
- Items marked "★" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- If there are two or more same circuits in a set such as a stereophonic machine, only typical circuit parts may be indicated and capacitors and resistors in other same circuits may be omitted.

CAPACITORS:

MF: μ F, PF: μ μ F.

RESISTORS

- All resistors are in ohms.
- F: Nonflammable

COILS

- MMH: mH, UH: μ H

SEMICONDUCTORS

In each case, U: μ , for example:

UA....: μ A...., UPA....: μ PA....,
UPC....: μ PC, UPD....: μ PD....

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.

CND: Canadian model
WG : West Germany model
IT : Italian model
EA : Saudi Arabia model
AUS: Australian model

| Ref.No. | Part No. | Description | Ref.No. | Part No. | Description | | | |
|---------|------------------------|--|---------|--------------|----------------------|----------|-----|-----|
| 901 | *A-4334-639-A | (H300:US,CND,AEP,UK,AUS,E,EA) ...MOUNTED PCB, PANEL | C133 | 1-130-479-00 | MYLAR | 0.0047MF | 5% | 50V |
| | *A-4334-640-A | (H300:WG,IT)....MOUNTED PCB, PANEL | C134 | 1-130-479-00 | MYLAR | 0.0047MF | 5% | 50V |
| | *A-4334-995-A | (H200).....MOUNTED PCB, PANEL | C135 | 1-136-154-00 | FILM | 0.012MF | 5% | 50V |
| 902 | *1-635-301-11 | PC BOARD, VOLUME | C136 | 1-136-154-00 | FILM | 0.012MF | 5% | 50V |
| 903 | *1-635-304-11 | PC BOARD, TRANSLATION | C137 | 1-136-158-00 | FILM | 0.027MF | 5% | 50V |
| | | | C138 | 1-136-158-00 | FILM | 0.027MF | 5% | 50V |
| 904 | *A-4334-641-A | (AUS,E,EA)...MOUNTED PCB, POWER | C139 | 1-136-163-00 | FILM | 0.068MF | 5% | 50V |
| | *A-4334-642-A | (AEP).....MOUNTED PCB, POWER | C140 | 1-136-163-00 | FILM | 0.068MF | 5% | 50V |
| | *A-4334-643-A | (UK).....MOUNTED PCB, POWER | C141 | 1-136-168-00 | FILM | 0.18MF | 5% | 50V |
| | *A-4334-644-A | (WG,IT).....MOUNTED PCB, POWER | | | | | | |
| | *A-4334-645-A | (US).....MOUNTED PCB, POWER | C142 | 1-136-168-00 | FILM | 0.18MF | 5% | 50V |
| | *A-4334-994-A | (CND).....MOUNTED PCB, POWER | C143 | 1-124-902-00 | ELECT | 0.47MF | 20% | 50V |
| | | | C144 | 1-124-902-00 | ELECT | 0.47MF | 20% | 50V |
| 905 | *1-635-303-11 | PC BOARD, TRANSFORMER | | | | | | |
| 906 | *A-4334-646-A | (EXCEPT WG,IT)...MOUNTED PCB, POWER AMP | C145 | 1-130-467-00 | MYLAR | 470PF | 5% | 50V |
| | *A-4334-647-A | (WG,IT).....MOUNTED PCB, POWER AMP | C146 | 1-164-159-11 | CERAMIC | 0.1MF | | 50V |
| | | | C147 | 1-164-159-11 | CERAMIC | 0.1MF | | 50V |
| 907 | *1-635-302-11 | PC BOARD, CONNECTOR | | | | | | |
| 908 | *A-4334-635-A | (H300:E,EA,AUS)...MOUNTED PCB, CONTROL | C148 | 1-164-159-11 | CERAMIC | 0.1MF | | 50V |
| | *A-4334-636-A | (H300:WG,IT).....MOUNTED PCB, CONTROL | C149 | 1-124-477-11 | ELECT | 47MF | 20% | 25V |
| | *A-4334-637-A | (H300:US).....MOUNTED PCB, CONTROL | C151 | 1-162-282-31 | (E,EA,AUS)...CERAMIC | 100PF | 10% | 50V |
| | *A-4334-638-A | (H300:CND).....MOUNTED PCB, CONTROL | C152 | 1-162-282-31 | CERAMIC | 100PF | 10% | 50V |
| | *A-4334-903-A | (H300:AEP,UK)....MOUNTED PCB, CONTROL | C154 | 1-162-282-31 | CERAMIC | 100PF | 10% | 50V |
| | *A-4334-662-A | (H200).....MOUNTED PCB, CONTROL | C155 | 1-162-282-31 | CERAMIC | 100PF | 10% | 50V |
| | | | C156 | 1-124-902-00 | ELECT | 0.47MF | 20% | 50V |
| 909 | 1-533-213-31 | HOLDER, FUSE | C157 | 1-162-282-31 | CERAMIC | 100PF | 10% | 50V |
| 910 | Δ .1-574-804-11 | (UK).....CORD, POWER | C158 | 1-124-927-11 | ELECT | 4.7MF | 20% | 50V |
| | Δ .1-574-805-11 | (AEP,WG,IT,EA)...CORD, POWER | | | | | | |
| | Δ .1-574-902-11 | (E).....CORD, POWER | C159 | 1-130-473-00 | MYLAR | 0.0015MF | 5% | 50V |
| | Δ .1-575-105-11 | (US,CND).....CORD, POWER | C160 | 1-130-480-00 | MYLAR | 0.0056MF | 5% | 50V |
| | Δ .1-575-677-11 | (AUS).....CORD, POWER | C161 | 1-124-925-11 | ELECT | 2.2MF | 20% | 50V |
| 911 | Δ .1-569-007-11 | (E)...ADAPTOR, CONVERSION 2P | | | | | | |
| 912 | Δ .1-569-008-11 | (EA)...ADAPTOR, CONVERSION 2P | C162 | 1-124-477-11 | ELECT | 47MF | 20% | 25V |
| | | | C171 | 1-124-477-11 | ELECT | 47MF | 20% | 25V |
| | | | C173 | 1-162-282-31 | CERAMIC | 100PF | 10% | 50V |
| C101 | 1-162-282-31 | (E,EA,AUS)...CERAMIC 100PF 10% 50V | C181 | 1-130-474-00 | MYLAR | 0.0018MF | 5% | 50V |
| C102 | 1-162-282-31 | CERAMIC 100PF 10% 50V | C182 | 1-130-474-00 | MYLAR | 0.0018MF | 5% | 50V |
| C104 | 1-162-282-31 | CERAMIC 100PF 10% 50V | C183 | 1-130-479-00 | MYLAR | 0.0047MF | 5% | 50V |
| C105 | 1-162-282-31 | CERAMIC 100PF 10% 50V | C184 | 1-130-479-00 | MYLAR | 0.0047MF | 5% | 50V |
| C106 | 1-124-902-00 | ELECT 0.47MF 20% 50V | C185 | 1-136-154-00 | FILM | 0.012MF | 5% | 50V |
| C107 | 1-162-282-31 | CERAMIC 100PF 10% 50V | C186 | 1-136-154-00 | FILM | 0.012MF | 5% | 50V |
| C108 | 1-124-927-11 | ELECT 4.7MF 20% 50V | C187 | 1-136-158-00 | FILM | 0.027MF | 5% | 50V |
| C109 | 1-130-473-00 | MYLAR 0.0015MF 5% 50V | C188 | 1-136-158-00 | FILM | 0.027MF | 5% | 50V |
| C110 | 1-130-480-00 | MYLAR 0.0056MF 5% 50V | C189 | 1-136-163-00 | FILM | 0.068MF | 5% | 50V |
| C111 | 1-124-925-11 | ELECT 2.2MF 20% 50V | C190 | 1-136-163-00 | FILM | 0.068MF | 5% | 50V |
| C112 | 1-124-477-11 | ELECT 47MF 20% 25V | C191 | 1-136-168-00 | FILM | 0.18MF | 5% | 50V |
| C121 | 1-124-477-11 | ELECT 47MF 20% 25V | C192 | 1-136-168-00 | FILM | 0.18MF | 5% | 50V |
| C123 | 1-162-282-31 | CERAMIC 100PF 10% 50V | C193 | 1-124-902-00 | ELECT | 0.47MF | 20% | 50V |
| C131 | 1-130-474-00 | MYLAR 0.0018MF 5% 50V | C194 | 1-124-902-00 | ELECT | 0.47MF | 20% | 50V |
| C132 | 1-130-474-00 | MYLAR 0.0018MF 5% 50V | C195 | 1-130-467-00 | MYLAR | 470PF | 5% | 50V |

| Ref.No. | Part No. | Description |
|---------|----------------|---|
| CN801 | 1-569-490-11 | SOCKET, CONNECTOR 3P |
| CN802 | 1-569-492-11 | SOCKET, CONNECTOR 6P |
| CN901 | *1-569-504-11 | PIN, CONNECTOR 9P |
| CN902 | *1-569-501-11 | PIN, CONNECTOR 6P |
| CN903 | *1-569-501-11 | PIN, CONNECTOR 6P |
| CN909 | *1-564-321-00 | PIN, CONNECTOR 2P |
| CN911 | 1-569-492-11 | SOCKET, CONNECTOR 6P |
| CN921 | *1-569-498-11 | SOCKET, CONNECTOR 12P |
| CN922 | *1-569-495-11 | SOCKET, CONNECTOR 9P |
| CN923 | 1-569-492-11 | SOCKET, CONNECTOR 6P |
| D101 | 8-719-912-20 | DIODE 1SS120 |
| D102 | 8-719-912-20 | DIODE 1SS120 |
| D103 | 8-719-010-38 | DIODE UZ-5.1BSB |
| D301 | 8-719-200-82 | DIODE 11ES2 |
| D302 | 8-719-200-82 | DIODE 11ES2 |
| D303 | 8-719-200-82 | DIODE 11ES2 |
| D304 | 8-719-200-82 | DIODE 11ES2 |
| D411 | 8-719-912-20 | DIODE 1SS120 |
| D412 | 8-719-912-20 | DIODE 1SS120 |
| D413 | 8-719-000-54 | DIODE UZL-6L3 |
| D501 | 8-719-912-20 | DIODE 1SS120 |
| D502 | 8-719-912-20 | DIODE 1SS120 |
| D503 | 8-719-912-20 | (US,CND,AEP,UK,WG,IT)...DIODE 1SS120 |
| D511 | 8-719-303-13 | DIODE SEL1210W |
| D512 | 8-719-303-13 | DIODE SEL1210W |
| D513 | 8-719-303-13 | DIODE SEL1210W |
| D514 | 8-719-303-13 | DIODE SEL1210W |
| D515 | 8-719-303-13 | DIODE SEL1210W |
| D516 | 8-719-303-13 | DIODE SEL1210W |
| D517 | 8-719-920-55 | DIODE SPR-54MWV |
| D518 | 8-719-303-13 | DIODE SEL1210W |
| D801 | 8-719-912-20 | DIODE 1SS120 |
| D821 | 8-719-912-20 | DIODE 1SS120 |
| D822 | 8-719-912-20 | DIODE 1SS120 |
| D823 | 8-719-912-20 | DIODE 1SS120 |
| D824 | 8-719-912-20 | DIODE 1SS120 |
| D851 | 8-719-912-20 | DIODE 1SS120 |
| D901 | 8-719-302-38 | DIODE RBV-602-01 |
| D902 | 8-719-912-20 | DIODE 1SS120 |
| D903 | 8-719-912-20 | DIODE 1SS120 |
| D904 | 8-719-200-82 | DIODE 11ES2 |
| D905 | 8-719-912-20 | DIODE 1SS120 |
| D906 | 8-719-200-82 | DIODE 11ES2 |
| D907 | 8-719-200-82 | DIODE 11ES2 |
| D908 | 8-719-011-13 | DIODE UZ-30BSC |
| D909 | 8-719-010-38 | DIODE UZ-5.1BSB |
| F303 | △.1-532-780-21 | (US)...FUSE, MICRO (SECONDARY)(2.5A) |
| F901 | △.1-532-502-51 | (EXCEPT US,CND)...FUSE, TIME LAG(1.25A) |
| F901 | △.1-532-744-11 | (US,CND)...FUSE, GLASS TUBE (2.5A) |
| F902 | △.1-532-502-51 | (E,EA,AUS)...FUSE, TIME LAG (1.25A) |
| F903 | 1-532-783-21 | (US,CND)...FUSE, MICRO (SECONDARY)(5A) |
| F904 | 1-532-783-21 | (US,CND)...FUSE, MICRO (SECONDARY)(5A) |
| FL001 | 1-519-607-11 | INDICATOR TUBE, FLUORESCENT |
| IC101 | 8-759-634-50 | IC M5218AL |
| IC102 | 8-759-208-08 | IC TC4052BPHB |
| IC103 | 8-759-208-08 | IC TC4052BPHB |

| Ref.No. | Part No. | Description |
|---------|----------------|---|
| IC104 | 8-759-634-50 | IC M5218AL |
| IC105 | 8-759-634-50 | IC M5218AL |
| IC106 | 8-759-804-49 | IC LC7522 |
| IC107 | 8-759-603-14 | IC M5229P |
| IC108 | 8-759-603-14 | IC M5229P |
| IC301 | 8-759-604-30 | IC M5F7808 |
| IC302 | 8-759-604-48 | IC M5F7908 |
| IC303 | 8-759-604-33 | IC M5F7812 |
| IC401 | 8-759-634-50 | IC M5218AL |
| IC411 | 8-759-634-50 | IC M5218AL |
| IC412 | 8-759-991-11 | IC XR1091 |
| IC501 | 8-759-634-76 | IC M50727-183SP |
| IC502 | 8-759-500-31 | IC X24C01P |
| IC503 | 8-759-820-59 | IC LC7565 |
| IC701 | 8-759-820-62 | IC LB1639 |
| IC702 | 8-759-634-50 | IC M5218AL |
| IC801 | 8-749-941-52 | IC STK415211 |
| IC802 | 8-759-111-68 | IC UPC1237HA |
| IC901 | 8-759-604-29 | IC M5F7805L |
| △ICP901 | 1-532-846-21 | (EXCEPT US,CND)...LINK, IC 5A |
| △ICP902 | 1-532-846-21 | (EXCEPT US,CND)...LINK, IC 5A |
| J101 | 1-565-258-11 | (US,CND,AEP,UK,WG,IT)...JACK, PIN 4P (AUX/PHONO) |
| J101 | 1-565-320-11 | (E,EA,AUS)...JACK, PIN 6P(AUX/CD/PHONO) |
| J301 | 1-562-837-21 | JACK (MIX MIC) |
| J801 | 1-562-837-21 | JACK (HEADPHONES) |
| L501 | 1-410-509-11 | INDUCTOR 10UH |
| L502 | 1-410-509-11 | INDUCTOR 10UH |
| L503 | 1-410-509-11 | INDUCTOR 10UH |
| L891 | *1-420-872-00 | COIL, AIR CORE |
| L892 | *1-420-872-00 | COIL, AIR CORE |
| PT901 | △.1-449-998-11 | (E,EA,AUS)...TRANSFORMER, POWER |
| PT901 | △.1-449-999-11 | (AEP,WG,IT)...TRANSFORMER, POWER |
| PT901 | △.1-450-001-11 | (UK)...TRANSFORMER, POWER |
| PT901 | △.1-450-002-11 | (US)...TRANSFORMER, POWER |
| PT901 | △.1-450-003-11 | (CND)...TRANSFORMER, POWER |
| PT902 | △.1-450-041-11 | (E,EA,AUS)...TRANSFORMER, POWER |
| PT902 | △.1-450-042-11 | (AEP,UK,WG,IT)...TRANSFORMER, POWER |
| PT902 | △.1-450-043-11 | (US,CND)...TRANSFORMER, POWER |
| Q102 | 8-729-900-74 | TRANSISTOR DTC143TS |
| Q103 | 8-729-900-74 | TRANSISTOR DTC143TS |
| Q104 | 8-729-900-65 | TRANSISTOR DTA144ES |
| Q152 | 8-729-900-74 | TRANSISTOR DTC143TS |
| Q401 | 8-729-620-05 | TRANSISTOR 2SC2603-EF |
| Q402 | 8-729-809-07 | TRANSISTOR 2SC4113 |
| Q421 | 8-729-620-05 | TRANSISTOR 2SC2603-EF |
| Q451 | 8-729-620-05 | TRANSISTOR 2SC2603-EF |
| Q452 | 8-729-809-07 | TRANSISTOR 2SC4113 |
| Q501 | 8-729-900-80 | TRANSISTOR DTC114ES |
| Q502 | 8-729-900-61 | TRANSISTOR DTA114ES |
| Q503 | 8-729-900-65 | (US,CND,AEP,UK,WG,IT) ...TRANSISTOR DTA144ES |
| Q504 | 8-729-620-05 | (US,CND,AEP,UK,WG,IT) ...TRANSISTOR 2SC2603-EF |
| Q505 | 8-729-900-61 | TRANSISTOR DTA114ES |
| Q506 | 8-729-900-61 | TRANSISTOR DTA114ES |
| Q507 | 8-729-900-65 | TRANSISTOR DTA144ES |

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

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

| Ref.No. | Part No. | Description | Ref.No. | Part No. | Description |
|---------|--------------|----------------------------------|---------|----------------|---|
| Q508 | 8-729-900-65 | TRANSISTOR DTA144ES | R145 | 1-249-426-11 | CARBON 5.6K 5% 1/4W |
| Q509 | 8-729-900-61 | TRANSISTOR DTA114ES | R147 | 1-249-429-11 | CARBON 10K 5% 1/4W |
| Q510 | 8-729-900-61 | TRANSISTOR DTA114ES | R148 | 1-249-427-11 | CARBON 6.8K 5% 1/4W |
| Q511 | 8-729-900-61 | TRANSISTOR DTA114ES | R151 | 1-249-417-11 | (E,EA,AUS)...CARBON 1K 5% 1/4W |
| Q512 | 8-729-900-61 | TRANSISTOR DTA114ES | R152 | 1-249-429-11 | (E,EA,AUS)...CARBON 10K 5% 1/4W |
| Q513 | 8-729-900-61 | TRANSISTOR DTA114ES | R153 | 1-249-423-11 | (E,EA,AUS)...CARBON 3.3K 5% 1/4W |
| Q514 | 8-729-620-05 | TRANSISTOR 2SC2603-EF | R154 | 1-249-429-11 | CARBON 10K 5% 1/4W |
| Q515 | 8-729-900-89 | TRANSISTOR DTC144ES | R155 | 1-249-426-11 | CARBON 5.6K 5% 1/4W |
| Q517 | 8-729-900-89 | TRANSISTOR DTC144ES | R157 | 1-249-417-11 | CARBON 1K 5% 1/4W |
| Q518 | 8-729-900-65 | TRANSISTOR DTA144ES | R158 | 1-249-417-11 | CARBON 1K 5% 1/4W |
| Q703 | 8-729-801-93 | TRANSISTOR 2SD1387-3 | R159 | 1-249-438-11 | CARBON 56K 5% 1/4W |
| Q801 | 8-729-140-84 | TRANSISTOR 2SA1841-PAFAEA | R160 | 1-249-417-11 | CARBON 1K 5% 1/4W |
| Q802 | 8-729-119-76 | TRANSISTOR 2SA1175-HFE | R161 | 1-249-437-11 | CARBON 47K 5% 1/4W |
| Q803 | 8-729-900-65 | TRANSISTOR DTA144ES | R162 | 1-247-897-11 | CARBON 560K 5% 1/4W |
| Q804 | 8-729-801-93 | TRANSISTOR 2SD1387-3 | R163 | 1-249-429-11 | CARBON 10K 5% 1/4W |
| Q851 | 8-729-140-84 | TRANSISTOR 2SA1841-PAFAEA | R164 | 1-249-430-11 | CARBON 12K 5% 1/4W |
| Q901 | 8-729-801-93 | TRANSISTOR 2SD1387-3 | R165 | 1-249-405-11 | CARBON 100 5% 1/4W |
| Q902 | 8-729-801-84 | TRANSISTOR 2SB013-4 | R171 | 1-249-428-11 | CARBON 8.2K 5% 1/4W |
| Q903 | 8-729-900-89 | TRANSISTOR DTC144ES | R172 | 1-249-423-11 | CARBON 3.3K 5% 1/4W |
| Q904 | 8-729-620-05 | TRANSISTOR 2SC2603-EF | R173 | 1-249-435-11 | CARBON 33K 5% 1/4W |
| R101 | 1-249-417-11 | (E,EA,AUS)...CARBON 1K 5% 1/4W | R174 | 1-249-438-11 | CARBON 56K 5% 1/4W |
| R102 | 1-249-429-11 | (E,EA,AUS)...CARBON 10K 5% 1/4W | R175 | 1-249-435-11 | CARBON 33K 5% 1/4W |
| R103 | 1-249-423-11 | (E,EA,AUS)...CARBON 3.3K 5% 1/4W | R176 | 1-249-441-11 | CARBON 100K 5% 1/4W |
| R104 | 1-249-429-11 | CARBON 10K 5% 1/4W | R177 | 1-249-435-11 | CARBON 33K 5% 1/4W |
| R105 | 1-249-426-11 | CARBON 5.6K 5% 1/4W | R178 | 1-249-438-11 | CARBON 56K 5% 1/4W |
| R107 | 1-249-417-11 | CARBON 1K 5% 1/4W | R179 | 1-249-427-11 | CARBON 6.8K 5% 1/4W |
| R108 | 1-249-417-11 | CARBON 1K 5% 1/4W | R181 | 1-249-427-11 | CARBON 6.8K 5% 1/4W |
| R109 | 1-249-438-11 | CARBON 56K 5% 1/4W | R182 | 1-247-903-00 | CARBON 1M 5% 1/4W |
| R110 | 1-249-417-11 | CARBON 1K 5% 1/4W | R183 | 1-247-903-00 | CARBON 1M 5% 1/4W |
| R111 | 1-249-437-11 | CARBON 47K 5% 1/4W | R184 | 1-247-903-00 | CARBON 1M 5% 1/4W |
| R112 | 1-247-897-11 | CARBON 560K 5% 1/4W | R185 | 1-247-903-00 | CARBON 1M 5% 1/4W |
| R113 | 1-249-429-11 | CARBON 10K 5% 1/4W | R186 | 1-247-903-00 | CARBON 1M 5% 1/4W |
| R114 | 1-249-430-11 | CARBON 12K 5% 1/4W | R187 | 1-247-903-00 | CARBON 1M 5% 1/4W |
| R115 | 1-249-405-11 | CARBON 100 5% 1/4W | R188 | 1-247-903-00 | CARBON 1M 5% 1/4W |
| R121 | 1-249-428-11 | CARBON 8.2K 5% 1/4W | R194 | 1-249-429-11 | CARBON 10K 5% 1/4W |
| R122 | 1-249-423-11 | CARBON 3.3K 5% 1/4W | R195 | 1-249-426-11 | CARBON 5.6K 5% 1/4W |
| R123 | 1-249-435-11 | CARBON 33K 5% 1/4W | R197 | 1-249-429-11 | CARBON 10K 5% 1/4W |
| R124 | 1-249-438-11 | CARBON 56K 5% 1/4W | R198 | 1-249-427-11 | CARBON 6.8K 5% 1/4W |
| R125 | 1-249-435-11 | CARBON 33K 5% 1/4W | R201 | 1-249-429-11 | (US,CND,AEP,UK,WG,IT) ...CARBON 10K 5% 1/4W |
| R126 | 1-249-441-11 | CARBON 100K 5% 1/4W | R202 | 1-249-423-11 | (US,CND,AEP,UK,WG,IT) ...CARBON 3.3K 5% 1/4W |
| R127 | 1-249-435-11 | CARBON 33K 5% 1/4W | R203 | 1-249-405-11 | CARBON 100 5% 1/4W |
| R128 | 1-249-438-11 | CARBON 56K 5% 1/4W | R204 | 1-249-441-11 | CARBON 100K 5% 1/4W |
| R129 | 1-249-427-11 | CARBON 6.8K 5% 1/4W | R205 | 1-249-441-11 | CARBON 100K 5% 1/4W |
| R130 | 1-249-439-11 | CARBON 68K 5% 1/4W | R251 | 1-249-429-11 | (US,CND,AEP,UK,WG,IT) ...CARBON 10K 5% 1/4W |
| R131 | 1-249-427-11 | CARBON 6.8K 5% 1/4W | R252 | 1-249-423-11 | (US,CND,AEP,UK,WG,IT) ...CARBON 3.3K 5% 1/4W |
| R132 | 1-247-903-00 | CARBON 1M 5% 1/4W | R301 | △.1-212-970-00 | FUSIBLE 33 5% 1/2W F |
| R133 | 1-247-903-00 | CARBON 1M 5% 1/4W | R302 | △.1-212-970-00 | FUSIBLE 33 5% 1/2W F |
| R134 | 1-247-903-00 | CARBON 1M 5% 1/4W | R303 | △.1-217-469-00 | (US)...FUSIBLE 1 5% 1W F |
| R135 | 1-247-903-00 | CARBON 1M 5% 1/4W | R304 | 1-249-393-11 | (US)...CARBON 10 5% 1/4W |
| R136 | 1-247-903-00 | CARBON 1M 5% 1/4W | R401 | 1-249-432-11 | CARBON 18K 5% 1/4W |
| R137 | 1-247-903-00 | CARBON 1M 5% 1/4W | R402 | 1-247-891-00 | CARBON 330K 5% 1/4W |
| R138 | 1-247-903-00 | CARBON 1M 5% 1/4W | R403 | 1-249-419-11 | CARBON 1.5K 5% 1/4W |
| R141 | 1-249-417-11 | CARBON 1K 5% 1/4W | R404 | 1-249-425-11 | CARBON 4.7K 5% 1/4W |
| R142 | 1-249-417-11 | CARBON 1K 5% 1/4W | R405 | 1-249-441-11 | CARBON 100K 5% 1/4W |
| R143 | 1-249-417-11 | CARBON 1K 5% 1/4W | | | |
| R144 | 1-249-429-11 | CARBON 10K 5% 1/4W | | | |

Note:

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Note:

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| Ref.No. | Part No. | Description | | | | |
|---------|--------------|------------------------------------|------|----|------|--|
| R408 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W | |
| R411 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W | |
| R412 | 1-249-441-11 | CARBON | 100K | 5% | 1/4W | |
| R413 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W | |
| R414 | 1-249-411-11 | CARBON | 330 | 5% | 1/4W | |
| R415 | 1-249-419-11 | CARBON | 1.5K | 5% | 1/4W | |
| R416 | 1-249-405-11 | CARBON | 100 | 5% | 1/4W | |
| R421 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W | |
| R422 | 1-249-415-11 | CARBON | 680 | 5% | 1/4W | |
| R423 | 1-249-434-11 | CARBON | 27K | 5% | 1/4W | |
| R424 | 1-249-441-11 | CARBON | 100K | 5% | 1/4W | |
| R425 | 1-249-422-11 | CARBON | 2.7K | 5% | 1/4W | |
| R426 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W | |
| R427 | 1-249-414-11 | CARBON | 560 | 5% | 1/4W | |
| R451 | 1-249-432-11 | CARBON | 18K | 5% | 1/4W | |
| R452 | 1-247-891-00 | CARBON | 330K | 5% | 1/4W | |
| R453 | 1-249-419-11 | CARBON | 1.5K | 5% | 1/4W | |
| R454 | 1-249-425-11 | CARBON | 4.7K | 5% | 1/4W | |
| R455 | 1-249-441-11 | CARBON | 100K | 5% | 1/4W | |
| R458 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W | |
| R501 | 1-247-903-00 | CARBON | 1M | 5% | 1/4W | |
| R502 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W | |
| R503 | 1-249-441-11 | CARBON | 100K | 5% | 1/4W | |
| R505 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W | |
| R506 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W | |
| R507 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W | |
| R508 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W | |
| R509 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W | |
| R510 | 1-249-429-11 | (US,CND,AEP,UK,WG,IT) ...CARBON | 10K | 5% | 1/4W | |
| R511 | 1-249-429-11 | (US,CND,AEP,UK,WG,IT) ...CARBON | 10K | 5% | 1/4W | |
| R512 | 1-249-429-11 | (US,CND,AEP,UK,WG,IT) ...CARBON | 10K | 5% | 1/4W | |
| R513 | 1-249-393-11 | (US,CND,AEP,UK,WG,IT) ...CARBON | 10 | 5% | 1/4W | |
| R515 | 1-249-409-11 | CARBON | 220 | 5% | 1/4W | |
| R516 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W | |
| R517 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W | |
| R518 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W | |
| R519 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W | |
| R520 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W | |
| R521 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W | |
| R522 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W | |
| R523 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W | |
| R524 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W | |
| R525 | 1-249-413-11 | CARBON | 470 | 5% | 1/4W | |
| R526 | 1-249-413-11 | CARBON | 470 | 5% | 1/4W | |
| R527 | 1-249-413-11 | CARBON | 470 | 5% | 1/4W | |
| R528 | 1-249-413-11 | CARBON | 470 | 5% | 1/4W | |
| R529 | 1-249-413-11 | CARBON | 470 | 5% | 1/4W | |
| R530 | 1-249-413-11 | CARBON | 470 | 5% | 1/4W | |
| R531 | 1-249-413-11 | CARBON | 470 | 5% | 1/4W | |
| R532 | 1-249-413-11 | CARBON | 470 | 5% | 1/4W | |
| R533 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W | |
| R535 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W | |
| R536 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W | |

| Ref.No. | Part No. | Description | | | | |
|---------|----------------|---------------------|------|----|------|---|
| R537 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W | |
| R538 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W | |
| R539 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W | |
| R541 | 1-249-423-11 | CARBON | 3.3K | 5% | 1/4W | |
| R542 | 1-249-413-11 | CARBON | 470 | 5% | 1/4W | |
| R543 | 1-249-415-11 | CARBON | 680 | 5% | 1/4W | |
| R544 | 1-249-416-11 | CARBON | 820 | 5% | 1/4W | |
| R545 | 1-249-419-11 | CARBON | 1.5K | 5% | 1/4W | |
| R546 | 1-249-421-11 | CARBON | 2.2K | 5% | 1/4W | |
| R547 | 1-249-425-11 | CARBON | 4.7K | 5% | 1/4W | |
| R548 | 1-249-430-11 | CARBON | 12K | 5% | 1/4W | |
| R550 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W | |
| R551 | 1-249-423-11 | CARBON | 3.3K | 5% | 1/4W | |
| R552 | 1-249-413-11 | CARBON | 470 | 5% | 1/4W | |
| R553 | 1-249-415-11 | CARBON | 680 | 5% | 1/4W | |
| R554 | 1-249-416-11 | CARBON | 820 | 5% | 1/4W | |
| R555 | 1-249-419-11 | CARBON | 1.5K | 5% | 1/4W | |
| R556 | 1-249-421-11 | CARBON | 2.2K | 5% | 1/4W | |
| R557 | 1-249-425-11 | CARBON | 4.7K | 5% | 1/4W | |
| R558 | 1-249-430-11 | CARBON | 12K | 5% | 1/4W | |
| R560 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W | |
| R561 | 1-249-441-11 | CARBON | 100K | 5% | 1/4W | |
| R562 | 1-249-441-11 | CARBON | 100K | 5% | 1/4W | |
| R563 | 1-249-441-11 | CARBON | 100K | 5% | 1/4W | |
| R564 | 1-249-432-11 | CARBON | 18K | 5% | 1/4W | |
| R565 | 1-247-896-11 | CARBON | 510K | 5% | 1/4W | |
| R566 | 1-249-441-11 | CARBON | 100K | 5% | 1/4W | |
| R567 | 1-249-425-11 | CARBON | 4.7K | 5% | 1/4W | |
| R568 | 1-249-425-11 | CARBON | 4.7K | 5% | 1/4W | |
| R569 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W | |
| R579 | 1-249-441-11 | CARBON | 100K | 5% | 1/4W | |
| R580 | 1-249-441-11 | CARBON | 100K | 5% | 1/4W | |
| R601 | 1-249-417-11 | (E,EA,AUS)...CARBON | 1K | 5% | 1/4W | |
| R602 | 1-249-405-11 | (E,EA,AUS)...CARBON | 100 | 5% | 1/4W | |
| R701 | △.1-212-857-00 | FUSIBLE | 10 | 5% | 1/4W | F |
| R707 | 1-249-415-11 | CARBON | 680 | 5% | 1/4W | |
| R708 | 1-249-422-11 | CARBON | 2.7K | 5% | 1/4W | |
| R709 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W | |
| R710 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W | |
| R711 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W | |
| R712 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W | |
| R713 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W | |
| R721 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W | |
| R722 | 1-249-430-11 | CARBON | 12K | 5% | 1/4W | |
| R723 | 1-249-441-11 | CARBON | 100K | 5% | 1/4W | |
| R724 | 1-249-405-11 | CARBON | 100 | 5% | 1/4W | |
| R771 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W | |
| R772 | 1-249-430-11 | CARBON | 12K | 5% | 1/4W | |
| R773 | 1-249-441-11 | CARBON | 100K | 5% | 1/4W | |
| R774 | 1-249-405-11 | CARBON | 100 | 5% | 1/4W | |
| R801 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W | |
| R802 | 1-249-419-11 | CARBON | 1.5K | 5% | 1/4W | |
| R803 | 1-249-438-11 | CARBON | 56K | 5% | 1/4W | |
| R804 | 1-249-414-11 | CARBON | 560 | 5% | 1/4W | |
| R805 | 1-249-438-11 | CARBON | 56K | 5% | 1/4W | |
| R806 | 1-249-421-11 | CARBON | 2.2K | 5% | 1/4W | |
| R807 | 1-247-756-11 | CARBON | 2.2K | 5% | 1/2W | |

Note:
The components identified by mark **△** or dotted line with mark **△** are critical for safety. Replace only with part number specified.

Note:
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| Ref.No. | Part No. | Description | | | | | | | |
|---------|----------------|------------------------------|-----------------------------------|-----|------|---|--|--|--|
| R808 | 1-249-441-11 | CARBON | 100K | 5% | 1/4W | | | | |
| R810 | 1-249-438-11 | CARBON | 56K | 5% | 1/4W | | | | |
| R811 | 1-217-151-00 | METAL PLATE | 0.22 | | 2W | | | | |
| R813 | 1-249-431-11 | CARBON | 15K | 5% | 1/4W | | | | |
| R814 | 1-249-441-11 | CARBON | 100K | 5% | 1/4W | | | | |
| R815 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W | | | | |
| R821 | △.1-212-881-11 | FUSIBLE | 100 | 5% | 1/4W | F | | | |
| R822 | 1-247-752-11 | CARBON | 1K | 5% | 1/2W | | | | |
| R823 | 1-247-752-11 | CARBON | 1K | 5% | 1/2W | | | | |
| R824 | △.1-212-881-11 | FUSIBLE | 100 | 5% | 1/4W | F | | | |
| R825 | 1-249-441-11 | CARBON | 100K | 5% | 1/4W | | | | |
| R826 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W | | | | |
| R828 | 1-249-433-11 | CARBON | 22K | 5% | 1/4W | | | | |
| R829 | 1-249-433-11 | CARBON | 22K | 5% | 1/4W | | | | |
| R830 | △.1-247-744-11 | CARBON | 270 | 5% | 1/2W | F | | | |
| R831 | 1-249-439-11 | CARBON | 68K | 5% | 1/4W | | | | |
| R832 | 1-249-430-11 | CARBON | 12K | 5% | 1/4W | | | | |
| R833 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W | | | | |
| R834 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W | | | | |
| R837 | 1-249-441-11 | CARBON | 100K | 5% | 1/4W | | | | |
| R851 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W | | | | |
| R852 | 1-249-419-11 | CARBON | 1.5K | 5% | 1/4W | | | | |
| R853 | 1-249-438-11 | CARBON | 56K | 5% | 1/4W | | | | |
| R854 | 1-249-414-11 | CARBON | 560 | 5% | 1/4W | | | | |
| R855 | 1-249-438-11 | CARBON | 56K | 5% | 1/4W | | | | |
| R856 | 1-249-421-11 | CARBON | 2.2K | 5% | 1/4W | | | | |
| R857 | 1-247-756-11 | CARBON | 2.2K | 5% | 1/2W | | | | |
| R858 | 1-249-441-11 | CARBON | 100K | 5% | 1/4W | | | | |
| R860 | 1-249-437-11 | CARBON | 47K | 5% | 1/4W | | | | |
| R861 | 1-217-151-00 | METAL PLATE | 0.22 | | 2W | | | | |
| R862 | △.1-212-881-11 | FUSIBLE | 100 | 5% | 1/4W | F | | | |
| R863 | 1-249-431-11 | CARBON | 15K | 5% | 1/4W | | | | |
| R864 | 1-249-441-11 | CARBON | 100K | 5% | 1/4W | | | | |
| R865 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W | | | | |
| R891 | △.1-247-727-11 | CARBON | 10 | 5% | 1/2W | F | | | |
| R892 | △.1-247-727-11 | CARBON | 10 | 5% | 1/2W | F | | | |
| R893 | 1-249-399-11 | CARBON | 33 | 5% | 1/4W | | | | |
| R894 | 1-249-399-11 | CARBON | 33 | 5% | 1/4W | | | | |
| R901 | 1-249-427-11 | CARBON | 6.8K | 5% | 1/4W | | | | |
| R902 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W | | | | |
| R903 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W | | | | |
| R904 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W | | | | |
| R905 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W | | | | |
| R906 | 1-249-425-11 | CARBON | 4.7K | 5% | 1/4W | | | | |
| R907 | △.1-212-873-11 | FUSIBLE | 47 | 5% | 1/4W | F | | | |
| R908 | △.1-202-725-00 | (US,CND)...SOLID | 3.3M | 10% | 1/2W | | | | |
| R921 | 1-249-421-11 | CARBON | 2.2K | 5% | 1/4W | | | | |
| R922 | 1-249-429-11 | CARBON | 10K | 5% | 1/4W | | | | |
| R923 | 1-249-441-11 | CARBON | 100K | 5% | 1/4W | | | | |
| R924 | 1-249-405-11 | CARBON | 100 | 5% | 1/4W | | | | |
| RB501 | 1-233-206-11 | COMPOSITION CIRCUIT BLOCK | (100KX12) | | | | | | |
| RB502 | 1-233-206-11 | COMPOSITION CIRCUIT BLOCK | (100KX12) | | | | | | |
| RV401 | 1-238-491-11 | RES, VAR, CARBON | 500K/500K | | | | | | |
| | | | (DBFB (SAT) LEVEL) | | | | | | |
| RV402 | 1-238-459-11 | RES, VAR, CARBON | 100K (BALANCE) | | | | | | |
| RV403 | 1-238-458-11 | RES, VAR, CARBON | 50K (MIC LEVEL) | | | | | | |
| RV701 | 1-238-708-11 | RES, VAR, CARBON | 10K/100K/100K (VOLUME) | | | | | | |
| RY801 | 1-515-533-11 | RELAY | | | | | | | |
| RY901 | 1-515-720-11 | RELAY | | | | | | | |
| S501 | 1-554-303-21 | SWITCH, KEY BOARD | (POWER) | | | | | | |
| S502 | 1-554-303-21 | SWITCH, KEY BOARD | (PROGRAM FUNCTION) | | | | | | |
| S503 | 1-554-303-21 | SWITCH, KEY BOARD | (SURROUND) | | | | | | |
| S504 | 1-554-303-21 | SWITCH, KEY BOARD | (TUNER) | | | | | | |
| S505 | 1-554-303-21 | SWITCH, KEY BOARD | (CD) | | | | | | |
| S506 | 1-554-303-21 | SWITCH, KEY BOARD | (TAPE) | | | | | | |
| S507 | 1-554-303-21 | SWITCH, KEY BOARD | (AUX/VIDEO) | | | | | | |
| S508 | 1-554-303-21 | SWITCH, KEY BOARD | (PHONO) | | | | | | |
| S511 | 1-554-303-21 | SWITCH, KEY BOARD | (EQUALIZATION) | | | | | | |
| S512 | 1-554-303-21 | SWITCH, KEY BOARD | (DISPLAY) | | | | | | |
| S513 | 1-554-303-21 | SWITCH, KEY BOARD | (MEMORY) | | | | | | |
| S514 | 1-554-303-21 | SWITCH, KEY BOARD | (CURSOR/PRESET EQ) | | | | | | |
| S515 | 1-554-303-21 | SWITCH, KEY BOARD | (CURSOR CONTROL △) | | | | | | |
| S516 | 1-554-303-21 | SWITCH, KEY BOARD | (CURSOR CONTROL ▽) | | | | | | |
| S517 | 1-554-303-21 | SWITCH, KEY BOARD | (CURSOR CONTROL ▷) | | | | | | |
| S518 | 1-554-303-21 | SWITCH, KEY BOARD | (CURSOR CONTROL ◁) | | | | | | |
| S901 | △.1-571-437-11 | (E,EA,AUS)...SWITCH, POWER | VOLTAGE CHANGE (VOLTAGE SELECTOR) | | | | | | |
| TB801 | 1-536-705-00 | TERMINAL BOARD (SP)(SPEAKER) | | | | | | | |
| X501 | 1-577-358-21 | VIBRATOR, CERAMIC | (4MHz) | | | | | | |

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TA-H200/H300

SONY[®] SERVICE MANUAL

*US Model
Canadian Model
AEP Model
UK Model
Australian Model*


TA-H300

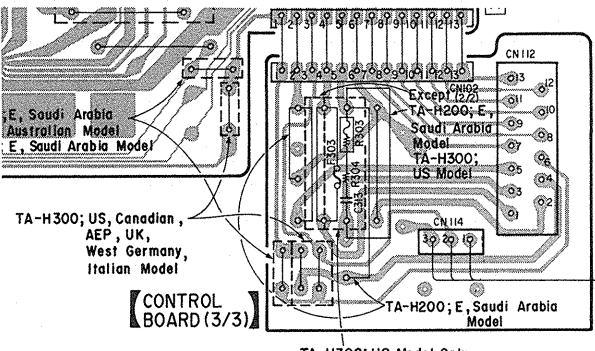
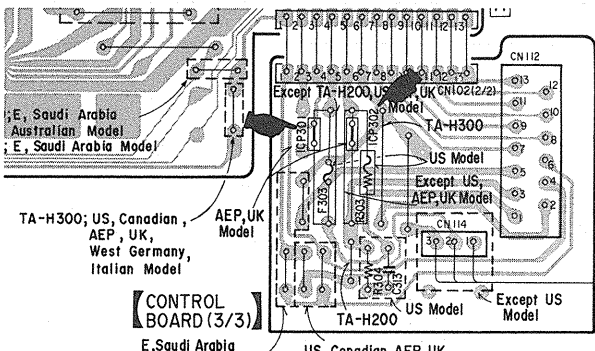
CORRECTION-1

File this correction with the service manual.

E Model

TA-H200/H300

 : indicates corrected portion.

| Page | INCORRECT | | | | CORRECT | | | |
|------|--|----------|-------------|--------|--|---------------|--------------------------|--------|
| | Ref. No. | Part No. | Description | Remark | Ref. No. | Part No. | Description | Remark |
| 26 | | | | | ICP301 | Δ1-532-844-21 | LINK, IC 3.15A (AEP, UK) | |
| | | | | | ICP302 | Δ1-532-844-21 | LINK, IC 3.15A (AEP, UK) | |
| 9 |  <p>TA-H300; US, Canadian, AEP, UK, West Germany, Italian Model</p> <p>TA-H200; E, Saudi Arabia Model</p> <p>TA-H300; US Model</p> <p>TA-H200; E, Saudi Arabia Model</p> <p>TA-H300; US Model Only</p> | | | |  <p>TA-H300; US, Canadian, AEP, UK, West Germany, Italian Model</p> <p>AEP, UK Model</p> <p>Except TA-H200, US Model</p> <p>US Model</p> <p>Except US, AEP, UK Model</p> <p>TA-H200</p> <p>US Model</p> <p>Except US Model</p> <p>E, Saudi Arabia Australian Model</p> <p>US Canadian, AEP, UK Germany, Italian Model</p> | | | |

