

TA-V701

SERVICE MANUAL

AEP Model
UK Model
E Model

This set is the stereo amplifier section in LBT-V701/V701CD/V701CDG.



SPECIFICATIONS

Amplifier (TA-V701)

Continuous RMS power output (AEP, UK, West Germany, Italian model)

60 W + 60 W (at 1 kHz, 5% T.H.D.)

Peak music power output: 600 W (E, Saudi Arabia model)

Inputs

	Jack type	Sensitivity	Impedance
PHONO IN	Phono	3 mV	50 kohms
VIDEO/DAT IN	Phono	200 mV	50 kohms
CD IN	Phono	200 mV	50 kohms
TAPE IN	Phone	200 mV	50 kohms
MIC	Phone	1 mV	10 kohms

Outputs

	Jack type	Voltage	Impedance
VIDEO/DAT	Phono	200 mV	470 ohms
SURROUND SPEAKER	Phono	Accepts speakers of 6 ohms to 16 ohms.	
HEADPHONES	Stereo phone	Accepts headphones of 8 ohms or more.	

General

Power requirement (AEP, West Germany, Italian model) : 220V AC, 50Hz

(E, Saudi Arabia model) : 120, 220 or 240V, adjustable, 50/60Hz

(UK model) : 240V, 50/60Hz

Power consumption (AEP, West Germany, Italian model) : 110W

(E, Saudi Arabia model) : 140W

(UK model) : 240W

AC outlet (AEP, West Germany, Italian model) : 2 unswitched, total 100W max.

(E, Saudi Arabia model) : 2 switched, total 100W max.

(UK model) : 1. unswitched, 100W max.

Accessories supplied

Remote commander (1)

Batteries Sony SUM-3 (NS) (2)

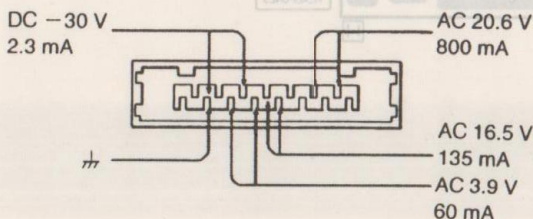
AM loop antenna (1)

FM wire antenna (Except for West Germany model) (1)

45-rpm adaptor (1)

SYSTEM CONTROL connector

SYSTEM CONTROL 2: 15-pin



STEREO AMPLIFIER
SONY®

MODEL IDENTIFICATION
- Specification Label -

SONY MODEL NO. TA-V701
INTEGRATED STEREO AMPLIFIER

SERIAL NO.
MADE IN JAPAN

West Germany Model :
SONY MODEL NO. LBT-V701
COMPACT HI-FI STEREO SYSTEM
TA-V701 : INTEGRATED STEREO AMPLIFIER
AC : 220V~50/60Hz 110W
ST-V701L : FM STEREO/FM-AM TUNER
TC-V701 : STEREO CASSETTE DECK

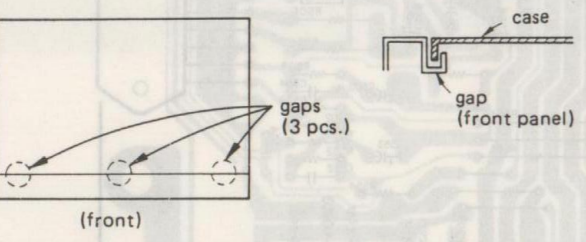
- AEP Model : AC : 220V~50/60Hz
- Italian Model : AC : 220V~50/60Hz 110W
- UK Model : AC : 220V~50/60Hz
- E. Saudi Arabia Model : AC : 120/220/240V~50/60Hz 140W

SERVICING NOTES

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
AEP, West Germany Italian Model	220 V AC
UK Model	240 V AC
E, Saudi Arabia Model	120, 220 or 240 V AC, adjustable with the voltage selector on the rear.

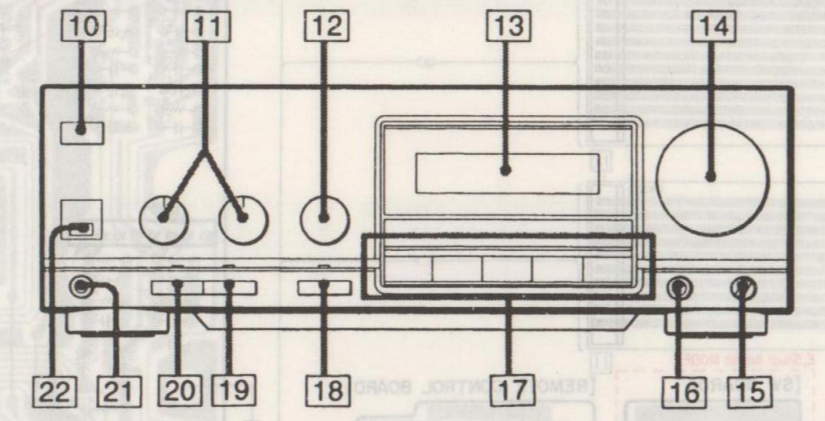
On removing the case
Remove the case by lifting it up straightly above. Unbalanced lifting damages gaps of the front panel assembly for supporting the case.



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.

**SECTION 1
GENERAL**

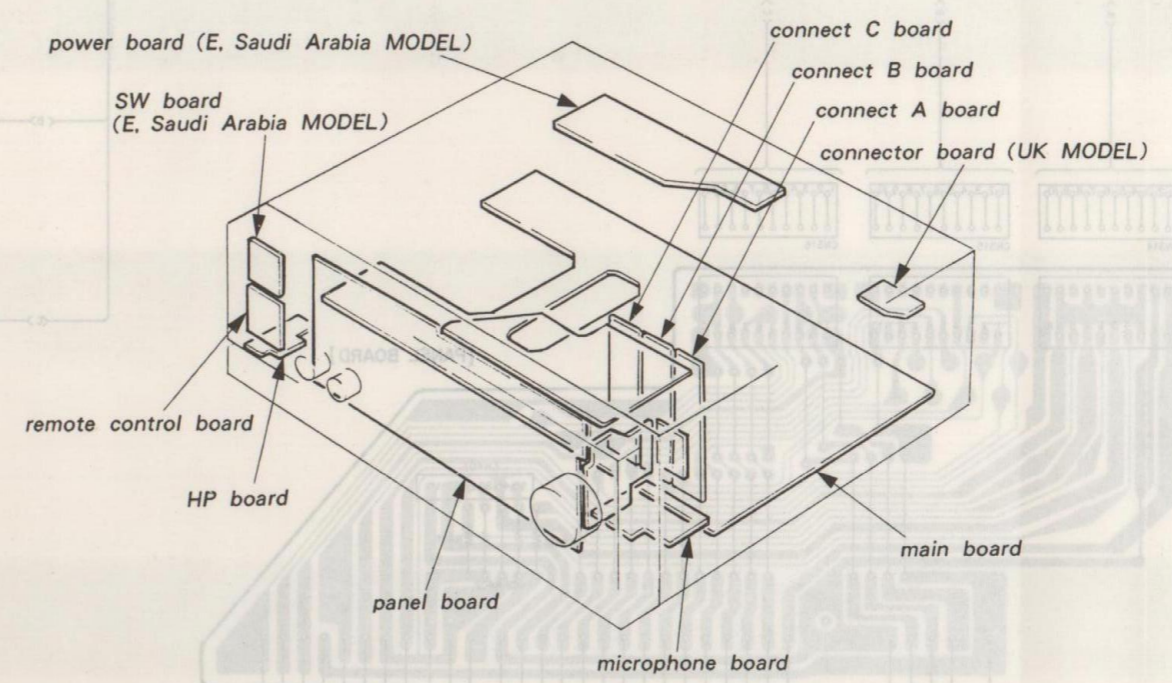
PARTS IDENTIFICATION



- 10 POWER switch (AEP, UK, West Germany, Italian model)
SYSTEM POWER switch (E. Saudi Arabia model)
- 11 Tone controls (BASS and TREBLE)
- 12 BALANCE control
- 13 Function display
- 14 VOLUME control
- 15 MIC (microphone) LEVEL control
- 16 MIC (microphone) jack
- 17 FUNCTION CONTROL buttons
- 18 EQ REC (equalizer recording) switch
- 19 SURROUND button
- 20 DBFB (Dynamic Bass FeedBack) button (AEP, UK, West Germany, Italian model)
SAT (Super Acoustic Turbo) button (E. Saudi Arabia model)
- 21 HEADPHONES jack
- 22 Remote control sensor

**SECTION 2
DIAGRAMS**

2-1. PC BOARD LOCATION



2-2. SEMICONDUCTOR LEAD LAYOUTS

GP1U52XB 	M5218L μ PC1237HA 	2SK246BL
LB1639 μ PC4570C 	STK4152 II STK4192 II 	HZS6B1L UZL-27M
LC4066BH 	DTA124ES 2SC2785HFE 2SC3330-S 2SC3400 	RBV-602-11
LC7818 	L78MR05 	2SA1317
M5F7810 M5F7812 	25B1187F 	RD5.1FB2 US1060M 10E2N
M50721-127P 	2SC1841 2SC3622AL 	SEL1222R-C SEL2410E-D SEL4225RM-D SEL4825WMCD

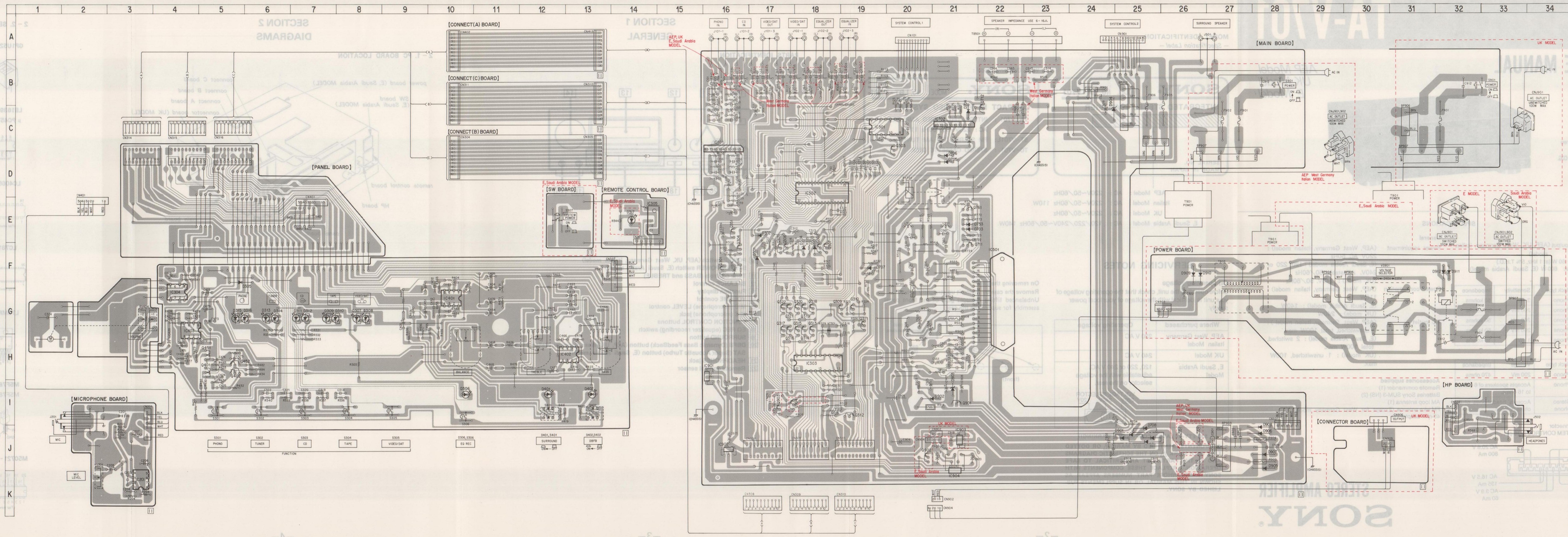
2-3. PRINTED WIRING BOARDS

See page 5 for Semiconductor Lead Layouts.

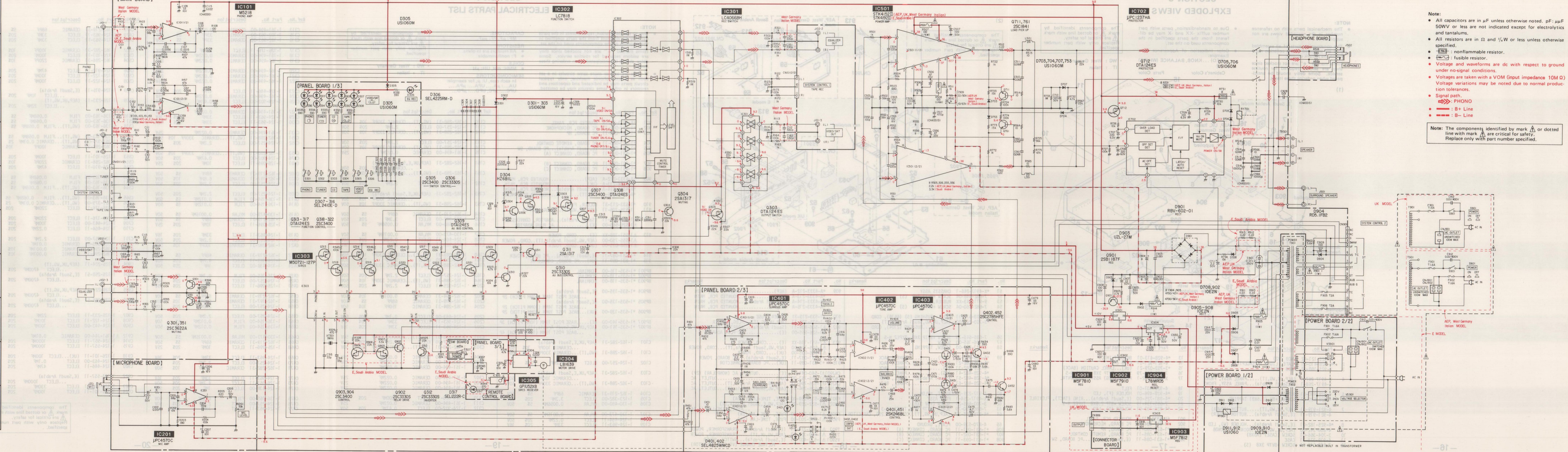
Semiconductor Location

Ref. No.	Location	Ref. No.	Location
D301	F-17	IC305	E-14
D302	E-17	IC401	G-10
D303	F-18	IC402	H-13
D304	F-18	IC403	G-4
D305	F-5	IC501	G-22
D306	I-10	IC702	C-21
D307	G-8	IC901	H-16
D308	G-8	IC902	J-16
D309	G-7	IC903	J-21
D310	G-8	IC904	J-21
D311	G-7		
D312	G-7	Q301	F-16
D313	G-6	Q303	C-20
D314	G-6	Q304	F-16
D315	G-5	Q305	F-17
D316	G-6	Q306	F-17
D317	E-14	Q307	F-18
D401	I-12	Q308	F-18
D402	I-13	Q309	G-19
D703	E-21	Q310	G-19
D704	C-21	Q311	G-19
D705	C-21	Q312	I-19
D706	C-21	Q313	G-18
D707	F-19	Q314	G-18
D708	J-25	Q315	G-18
D753	E-21	Q316	G-17
D901	J-25	Q317	G-17
D902	I-20	Q318	G-18
D903	I-21	Q319	G-18
D904	C-24	Q320	G-18
D905	J-28	Q321	G-17
D906	J-28	Q322	G-17
D907	J-28	Q351	E-16
D908	J-28	Q401	H-5
D909	F-26	Q402	H-5
D910	F-26	Q451	H-5
D911	F-32	Q452	H-5
D912	F-32	Q711	F-21
		Q712	C-22
IC101	C-16	Q761	E-21
IC201	K-3	Q901	I-21
IC301	C-19	Q902	J-20
IC302	D-18	Q903	I-17
IC303	H-18	Q904	I-17
IC304	G-4		

Note: parts extracted from the component side.



2-4. SCHEMATIC DIAGRAM



Note:

- All capacitors are in μF unless otherwise noted. $\text{pF} = \mu\text{F} \times 10^{-6}$ and $\text{nF} = \mu\text{F} \times 10^{-9}$.
- All resistors are in Ω and $1/4\text{W}$ or less unless otherwise specified.
- \square : nonflammable resistor.
- \square : fusible resistor.
- Voltage and waveforms are dc with respect to ground under no-signal conditions.
- Voltages are taken with a VOM (input impedance $10\text{M}\Omega$). Voltage variations may be noted due to normal production tolerances.
- Signal path: PHONO
- : 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.

SECTION 3 EXPLODED VIEWS

NOTE: The mechanical parts with no reference number in the exploded views are not supplied.

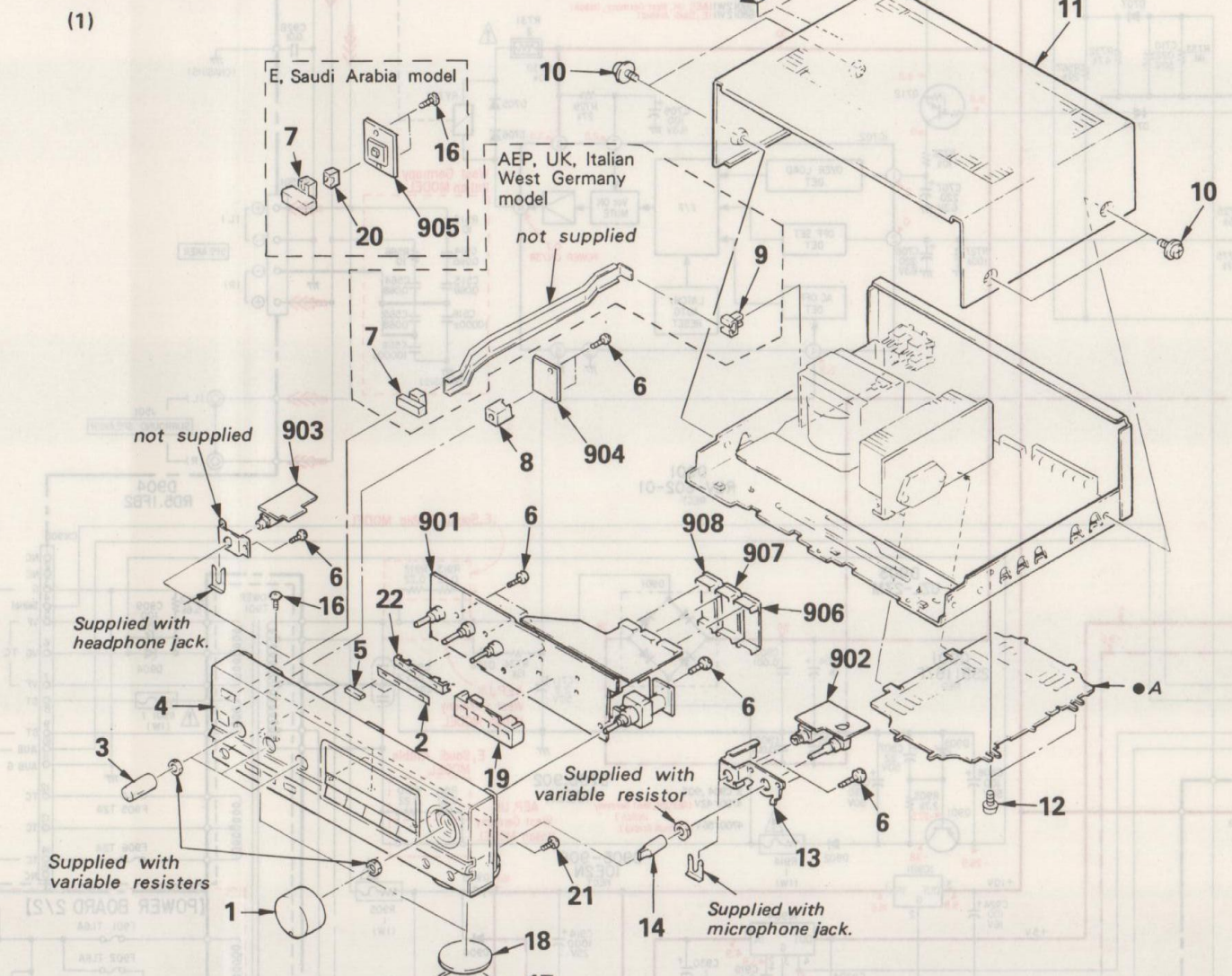


Table with 3 columns: No., Part No., Description. Lists parts such as knobs, plates, screws, and chassis components.

The components identified by mark A or dotted line with mark A are critical for safety.

The components identified by mark A or dotted line with mark A are critical for safety.

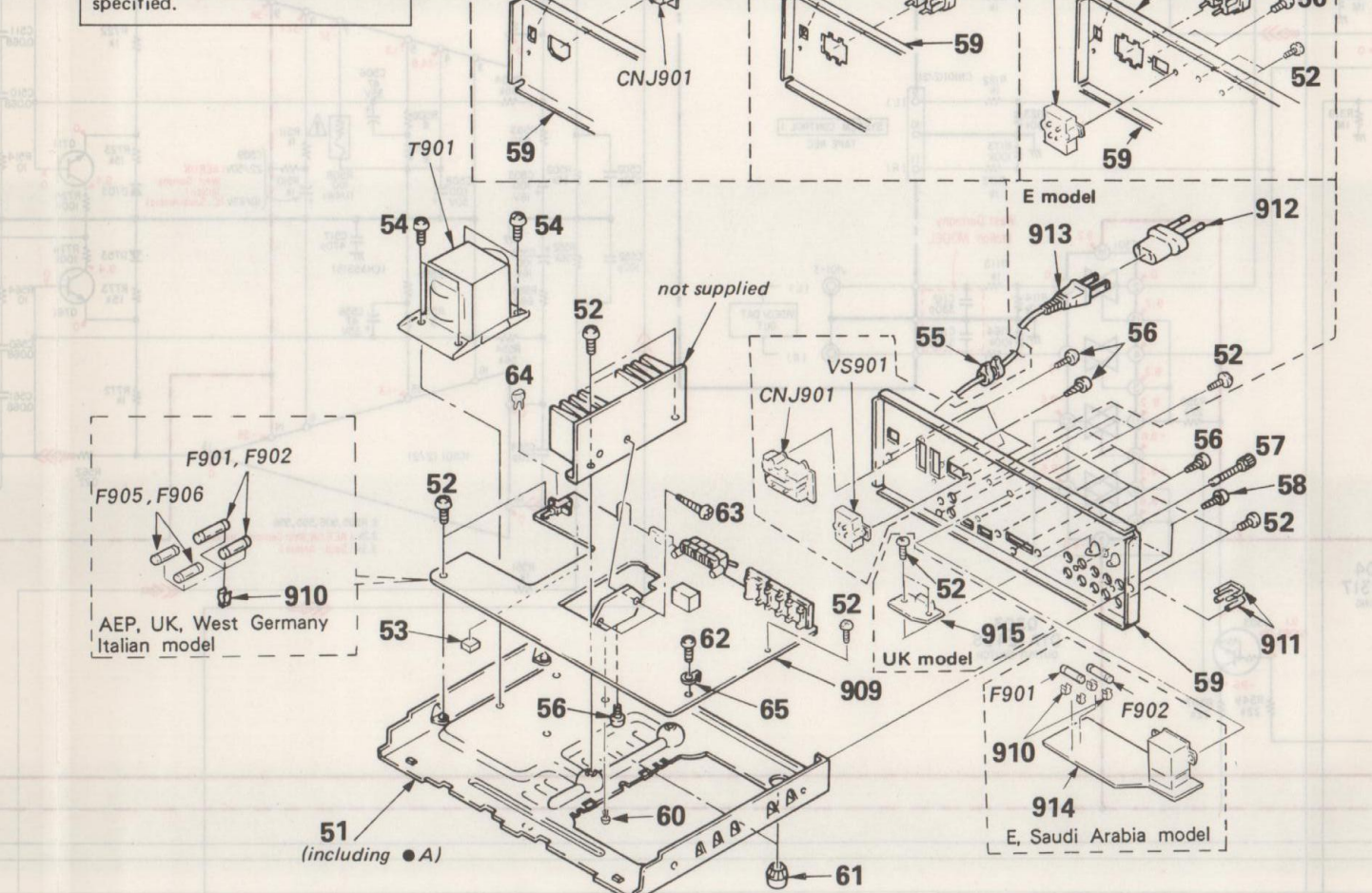


Table with 3 columns: No., Part No., Description. Lists internal components like PCBs, fuses, and connectors.

SECTION 4 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.

RESISTORS: All resistors are in ohms. MF: microfarad, PF: picofarad.

COILS: MMH: millihenry, UH: microhenry.

SEMICONDUCTORS: In each case, U: micro, for example: UA: microampere, UPA: microampere, UPA: microampere.

Large table listing electrical parts with columns for Ref. No., Part No., and Description. Includes various capacitors, resistors, and semiconductors.

Table listing electrical parts with columns for Ref. No., Part No., and Description. Includes various capacitors, resistors, and semiconductors.

The components identified by mark A or dotted line with mark A are critical for safety.

Ref.No.	Part No.	Description
C925	1-126-101-11	ELECT 100MF 20% 16V
C926	1-161-379-00	CERAMIC 0.01MF 30% 25V
C927	1-161-379-00	CERAMIC 0.01MF 30% 25V
C928	1-161-379-00	CERAMIC 0.01MF 30% 25V
C929	1-161-494-00	CERAMIC 0.022MF 25V
C930	1-124-438-00	ELECT 1MF 20% 50V
CN101	*1-566-858-11	SOCKET, CONNECTOR 11P(SYSTEM CONTROL 1)
CN304	*1-565-439-11	PIN, CONNECTOR (PCB) 10P
CN305	*1-565-439-11	PIN, CONNECTOR (PCB) 10P
CN308	*1-565-438-11	SOCKET, CONNECTOR (PCB) 10P
CN309	*1-565-438-11	SOCKET, CONNECTOR (PCB) 10P
CN310	*1-565-438-11	SOCKET, CONNECTOR (PCB) 10P
CN311	*1-565-439-11	PIN, CONNECTOR (PCB) 10P
CN312	*1-565-439-11	PIN, CONNECTOR (PCB) 10P
CN314	*1-565-438-11	SOCKET, CONNECTOR (PCB) 10P
CN315	*1-565-438-11	SOCKET, CONNECTOR (PCB) 10P
CN316	*1-565-438-11	SOCKET, CONNECTOR (PCB) 10P
CN402	*1-565-439-11	PIN, CONNECTOR (PCB) 10P
CN413	*1-565-439-11	PIN, CONNECTOR (PCB) 10P
CN501	*1-564-508-11	PLUG, CONNECTOR 5P
CN901	*1-566-859-11	SOCKET, CONNECTOR 15P(SYSTEM CONTROL 2)
CN903	*1-564-506-11	PLUG, CONNECTOR 3P
CN906	*1-566-210-11	(UK)...PIN, CONNECTOR 3P (OUT PUT)
CNJ901	*1-540-041-11	(E).....OUTLET, AC (NONPOLAR) (2P)
CNJ901	*1-526-751-00	(UK).....OUTLET, AC
CNJ901	*1-526-794-11	(AEP,WG,Saudi Arabia,IT)...OUTLET, AC
CNJ902	*1-526-794-11	(AEP,WG,Saudi Arabia,IT)...OUTLET, AC
D301	8-719-000-26	DIODE US1060M
D302	8-719-000-26	DIODE US1060M
D303	8-719-000-26	DIODE US1060M
D304	8-719-933-36	DIODE HZS6B1L
D305	8-719-000-26	DIODE US1060M
D306	8-719-310-42	DIODE SEL4225RM-D
D307	8-719-301-44	DIODE SEL2410E-D
D308	8-719-301-44	DIODE SEL2410E-D
D309	8-719-301-44	DIODE SEL2410E-D
D310	8-719-301-44	DIODE SEL2410E-D
D311	8-719-301-44	DIODE SEL2410E-D
D312	8-719-301-44	DIODE SEL2410E-D
D313	8-719-301-44	DIODE SEL2410E-D
D314	8-719-301-44	DIODE SEL2410E-D
D315	8-719-301-44	DIODE SEL2410E-D
D316	8-719-301-44	DIODE SEL2410E-D
D317	8-719-311-87	(E,Saudi Arabia)...DIODE SEL1222R-C
D401	8-719-311-86	DIODE SEL4825WMCD
D402	8-719-311-86	DIODE SEL4825WMCD
D703	8-719-000-26	DIODE US1060M
D704	8-719-000-26	DIODE US1060M
D705	8-719-000-26	DIODE US1060M
D706	8-719-000-26	DIODE US1060M
D707	8-719-000-26	DIODE US1060M
D708	8-719-200-77	DIODE 10E2N
D753	8-719-000-26	DIODE US1060M
D901	8-719-302-38	DIODE RBV-602-01
D902	8-719-200-77	DIODE 10E2N
D903	8-719-002-45	DIODE UZL-27M
D904	8-719-160-23	DIODE RD5.1FB2

Ref.No.	Part No.	Description
D905	8-719-200-77	DIODE 10E2N
D906	8-719-200-77	DIODE 10E2N
D907	8-719-200-77	DIODE 10E2N
D908	8-719-200-77	DIODE 10E2N
D909	8-719-200-77	(E,Saudi Arabia)...DIODE 10E2N
D910	8-719-200-77	(E,Saudi Arabia)...DIODE 10E2N
D911	8-719-000-26	(E,Saudi Arabia)...DIODE US1060M
D912	8-719-000-26	(E,Saudi Arabia)...DIODE US1060M
F901	*1-532-259-00	FUSE, TIME-LAG (1.6A)
F902	*1-532-259-00	(AEP,WG,E,Saudi Arabia,IT) ...FUSE, TIME-LAG (1.6A)
F905	*1-532-203-00	FUSE, TIME-LAG (2A)
F906	*1-532-203-00	FUSE, TIME-LAG (2A)
IC101	8-759-600-02	IC M5218L
IC201	8-759-106-41	IC UPC4570C
IC301	8-759-800-37	IC LC4066BH
IC302	8-759-802-52	IC LC7818
IC303	8-759-632-31	IC M50721-127P
IC304	8-759-820-62	IC LB1639
IC305	8-749-920-83	IC GP1U52XB
IC401	8-759-106-41	IC UPC4570C
IC402	8-759-106-41	IC UPC4570C
IC403	8-759-106-41	IC UPC4570C
IC501	8-749-900-78	(E,Saudi Arabia)...IC STK4192II
IC501	8-749-941-52	(AEP,UK,WG,IT)....IC STK4152II
IC702	8-759-111-68	IC UPC1237HA
IC901	8-759-604-32	IC M5F7810
IC902	8-759-604-50	IC M5F7910
IC903	8-759-604-33	(UK)...IC M5F7812
IC904	8-759-820-84	IC L78MR05
J101	1-565-320-11	JACK, PIN 6P (PHONO IN,CD IN,VIDEO/DAT OUT)
J102	1-565-320-11	JACK, PIN 6P (VIDEO/DAT IN,EQUALIZER OUT/IN)
J201	1-563-347-11	JACK (MIC)
J501	1-565-352-21	JACK, PIN 2P (SURROUND SPEAKER)
J502	1-568-018-11	JACK, LARGE TYPE 1P (HEADPHONES)
L501	*1-420-872-00	COIL, AIR CORE
L551	*1-420-872-00	COIL, AIR CORE
Q301	8-729-107-98	TRANSISTOR 2SC3622AL
Q303	8-729-900-63	TRANSISTOR DTA124ES
Q304	8-729-820-10	TRANSISTOR 2SA1317
Q305	8-729-806-34	TRANSISTOR 2SC3400
Q306	8-729-820-23	TRANSISTOR 2SC3330S
Q307	8-729-806-34	TRANSISTOR 2SC3400
Q308	8-729-900-63	TRANSISTOR DTA124ES
Q309	8-729-900-63	TRANSISTOR DTA124ES
Q310	8-729-820-23	TRANSISTOR 2SC3330S
Q311	8-729-820-10	TRANSISTOR 2SA1317
Q312	8-729-820-23	TRANSISTOR 2SC3330S
Q313	8-729-900-63	TRANSISTOR DTA124ES
Q314	8-729-900-63	TRANSISTOR DTA124ES
Q315	8-729-900-63	TRANSISTOR DTA124ES
Q316	8-729-900-63	TRANSISTOR DTA124ES
Q317	8-729-900-63	TRANSISTOR DTA124ES
Q318	8-729-806-34	TRANSISTOR 2SC3400
Q319	8-729-806-34	TRANSISTOR 2SC3400

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

Ref.No.	Part No.	Description
Q320	8-729-806-34	TRANSISTOR 2SC3400
Q321	8-729-806-34	TRANSISTOR 2SC3400
Q322	8-729-806-34	TRANSISTOR 2SC3400
Q351	8-729-107-98	TRANSISTOR 2SC3622AL
Q401	8-729-224-63	TRANSISTOR 2SK246BL
Q402	8-729-119-78	TRANSISTOR 2SC2785HFE
Q451	8-729-224-63	TRANSISTOR 2SK246BL
Q452	8-729-119-78	TRANSISTOR 2SC2785HFE
Q711	8-729-108-06	TRANSISTOR 2SC1841
Q712	8-729-900-63	TRANSISTOR DTA124ES
Q761	8-729-108-06	TRANSISTOR 2SC1841
Q901	8-729-920-91	TRANSISTOR 2SB1187F
Q902	8-729-820-23	(E,Saudi Arabia)...TRANSISTOR 2SC3330S
Q903	8-729-806-34	(E,Saudi Arabia)...TRANSISTOR 2SC3400
Q904	8-729-806-34	(E,Saudi Arabia)...TRANSISTOR 2SC3400
R101	1-249-417-11	(WG,IT)...CARBON 1K 5% 1/4W
R103	1-249-417-11	CARBON 1K 5% 1/4W
R105	1-247-832-11	CARBON 1.1K 5% 1/4W
R106	1-247-897-11	CARBON 560K 5% 1/4W
R107	1-249-437-11	CARBON 47K 5% 1/4W
R108	1-249-405-11	CARBON 100 5% 1/4W
R109	1-249-441-11	CARBON 100K 5% 1/4W
R110	1-249-417-11	CARBON 1K 5% 1/4W
R112	1-249-441-11	CARBON 100K 5% 1/4W
R113	1-249-417-11	CARBON 1K 5% 1/4W
R114	1-249-441-11	CARBON 100K 5% 1/4W
R115	1-249-417-11	CARBON 1K 5% 1/4W
R117	1-249-441-11	CARBON 100K 5% 1/4W
R119	1-249-441-11	CARBON 100K 5% 1/4W
R121	1-249-441-11	CARBON 100K 5% 1/4W
R122	1-249-417-11	CARBON 1K 5% 1/4W
R123	1-249-441-11	CARBON 100K 5% 1/4W
R124	1-249-437-11	CARBON 47K 5% 1/4W
R151	1-249-417-11	(WG,IT)...CARBON 1K 5% 1/4W
R153	1-249-417-11	CARBON 1K 5% 1/4W
R155	1-247-832-11	CARBON 1.1K 5% 1/4W
R156	1-247-897-11	CARBON 560K 5% 1/4W
R157	1-249-437-11	CARBON 47K 5% 1/4W
R158	1-249-405-11	CARBON 100 5% 1/4W
R159	1-249-441-11	CARBON 100K 5% 1/4W
R160	1-249-417-11	CARBON 1K 5% 1/4W
R162	1-249-441-11	CARBON 100K 5% 1/4W
R163	1-249-417-11	CARBON 1K 5% 1/4W
R164	1-249-441-11	CARBON 100K 5% 1/4W
R165	1-249-417-11	CARBON 1K 5% 1/4W
R167	1-249-441-11	CARBON 100K 5% 1/4W
R169	1-249-441-11	CARBON 100K 5% 1/4W
R171	1-249-441-11	CARBON 100K 5% 1/4W
R172	1-249-417-11	CARBON 1K 5% 1/4W
R173	1-249-441-11	CARBON 100K 5% 1/4W
R174	1-249-437-11	CARBON 47K 5% 1/4W
R201	1-249-417-11	CARBON 1K 5% 1/4W
R202	1-249-429-11	CARBON 10K 5% 1/4W
R203	1-249-412-11	CARBON 390 5% 1/4W
R204	1-249-441-11	CARBON 100K 5% 1/4W
R205	1-249-416-11	CARBON 820 5% 1/4W
R301	1-249-417-11	CARBON 1K 5% 1/4W

Ref.No.	Part No.	Description
R302	1-249-441-11	CARBON 100K 5% 1/4W
R303	1-249-417-11	CARBON 1K 5% 1/4W
R305	1-249-441-11	CARBON 100K 5% 1/4W
R306	1-249-433-11	CARBON 22K 5% 1/4W
R307	1-249-433-11	CARBON 22K 5% 1/4W
R308	1-249-433-11	CARBON 22K 5% 1/4W
R309	1-249-433-11	CARBON 22K 5% 1/4W
R310	1-249-441-11	CARBON 100K 5% 1/4W
R311	1-247-901-11	CARBON 820K 5% 1/4W
R312	1-249-441-11	CARBON 100K 5% 1/4W
R313	1-249-441-11	CARBON 100K 5% 1/4W
R314	1-249-433-11	CARBON 22K 5% 1/4W
R315	1-249-417-11	CARBON 1K 5% 1/4W
R316	1-249-441-11	CARBON 100K 5% 1/4W
R317	1-249-433-11	CARBON 22K 5% 1/4W
R318	1-247-903-00	CARBON 1M 5% 1/4W
R319	1-247-903-00	CARBON 1M 5% 1/4W
R320	1-249-405-11	CARBON 100 5% 1/4W
R321	1-249-405-11	CARBON 100 5% 1/4W
R322	1-249-433-11	CARBON 22K 5% 1/4W
R323	1-249-425-11	CARBON 4.7K 5% 1/4W
R324	1-249-429-11	CARBON 10K 5% 1/4W
R325	1-249-433-11	CARBON 22K 5% 1/4W
R326	1-249-433-11	CARBON 22K 5% 1/4W
R327	1-249-433-11	CARBON 22K 5% 1/4W
R328	1-249-433-11	CARBON 22K 5% 1/4W
R329	1-249-413-11	CARBON 470 5% 1/4W
R330	1-249-412-11	CARBON 390 5% 1/4W
R331	1-249-412-11	CARBON 390 5% 1/4W
R332	1-249-412-11	CARBON 390 5% 1/4W
R333	1-249-412-11	CARBON 390 5% 1/4W
R334	1-249-412-11	CARBON 390 5% 1/4W
R335	1-249-412-11	CARBON 390 5% 1/4W
R336	1-249-433-11	CARBON 22K 5% 1/4W
R337	1-249-433-11	CARBON 22K 5% 1/4W
R338	1-249-433-11	CARBON 22K 5% 1/4W
R339	1-249-433-11	CARBON 22K 5% 1/4W
R340	1-249-433-11	CARBON 22K 5% 1/4W
R341	1-249-425-11	CARBON 4.7K 5% 1/4W
R342	1-249-425-11	CARBON 4.7K 5% 1/4W
R343	1-249-431-11	CARBON 15K 5% 1/4W
R344	1-249-410-11	(E,Saudi Arabia) ...CARBON 270 5% 1/4W
R345	1-249-441-11	CARBON 100K 5% 1/4W
R346	1-249-441-11	CARBON 100K 5% 1/4W
R347	1-249-441-11	CARBON 100K 5% 1/4W
R348	1-249-441-11	CARBON 100K 5% 1/4W
R349	1-249-433-11	CARBON 22K 5% 1/4W
R350	1-249-433-11	CARBON 22K 5% 1/4W
R351	1-249-417-11	CARBON 1K 5% 1/4W
R352	1-249-441-11	CARBON 100K 5% 1/4W
R353	1-249-417-11	CARBON 1K 5% 1/4W
R355	1-249-411-11	CARBON 100K 5% 1/4W
R356	1-249-433-11	CARBON 22K 5% 1/4W
R357	1-249-435-11	CARBON 33K 5% 1/4W

Ref.No.	Part No.	Description
R401	1-249-437-11	CARBON 47K 5% 1/4W
R402	1-249-437-11	CARBON 47K 5% 1/4W
R403	1-249-434-11	CARBON 27K 5% 1/4W
R404	1-249-434-11	CARBON 27K 5% 1/4W
R405	1-249-430-11	CARBON 12K 5% 1/4W
R406	1-247-903-00	CARBON 1M 5% 1/4W
R416	1-249-406-11	CARBON 120 5% 1/4W
R419	1-249-413-11	CARBON 470 5% 1/4W
R420	1-249-406-11	CARBON 120 5% 1/4W
R421	1-249-441-11	CARBON 100K 5% 1/4W
R422	1-249-435-11	CARBON 33K 5% 1/4W
R423	1-249-435-11	CARBON 33K 5% 1/4W
R425	1-249-428-11	CARBON 8.2K 5% 1/4W
R426	1-249-425-11	CARBON 4.7K 5% 1/4W
R427	1-249-417-11	CARBON 1K 5% 1/4W
R428	1-249-441-11	CARBON 100K 5% 1/4W
R429	1-249-425-11	CARBON 4.7K 5% 1/4W
R430	1-249-441-11	CARBON 100K 5% 1/4W
R431	1-249-417-11	CARBON 1K 5% 1/4W
R432	1-249-439-11	CARBON 68K 5% 1/4W
R433	1-249-426-11	CARBON 5.6K 5% 1/4W
R434	1-249-412-11	CARBON 390 5% 1/4W
R435	1-247-887-00	CARBON 220K 5% 1/4W
R451	1-249-437-11	CARBON 47K 5% 1/4W
R452	1-249-437-11	CARBON 47K 5% 1/4W
R453	1-249-434-11	CARBON 27K 5% 1/4W
R454	1-249-434-11	CARBON 27K 5% 1/4W
R455	1-249-430-11	CARBON 12K 5% 1/4W
R456	1-247-903-00	CARBON 1M 5% 1/4W
R471	1-249-441-11	CARBON 100K 5% 1/4W
R472	1-249-435-11	CARBON 33K 5% 1/4W
R473	1-249-435-11	CARBON 33K 5% 1/4W
R475	1-249-428-11	CARBON 8.2K 5% 1/4W
R476	1-249-425-11	CARBON 4.7K 5% 1/4W
R477	1-249-417-11	CARBON 1K 5% 1/4W
R478	1-249-441-11	CARBON 100K 5% 1/4W
R479	1-249-425-11	CARBON 4.7K 5% 1/4W
R480	1-249-441-11	CARBON 100K 5% 1/4W
R481	1-249-417-11	CARBON 1K 5% 1/4W
R482	1-249-439-11	CARBON 68K 5% 1/4W
R483	1-249-426-11	CARBON 5.6K 5% 1/4W
R484	1-249-412-11	CARBON 390 5% 1/4W
R501	1-247-713-11	CARBON 1K 5% 1/4W
R502	1-249-438-11	CARBON 56K 5% 1/4W
R503	1-249-415-11	CARBON 680 5% 1/4W
R504	1-249-438-11	CARBON 56K 5% 1/4W
R505	1-247-758-11	(E,Saudi Arabia) ...CARBON 3.3K 5% 1/2W
R505	1-247-756-11	(AEP,UK,WG,IT) ...CARBON 2.2K 5% 1/2W
R506	1-247-756-11	(AEP,UK,WG,IT) ...CARBON 2.2K 5% 1/2W
R506	1-247-758-11	(E,Saudi Arabia) ...CARBON 3.3K 5% 1/2W
R507	1-212-881-11	FUSIBLE 100 5% 1/4W F
R508	1-212-881-11	FUSIBLE 100 5% 1/4W F
R510	1-247-752-11	CARBON 1K 5% 1/2W
R511	1-247-752-11	CARBON 1K 5% 1/2W
R512	1-217-156-00	METAL PLATE 0.22 10% 5W
R514	1-247-727-11	CARBON 10 5% 1/2W

Ref.No.	Part No.	Description
R515	1-247-727-11	CARBON 10 5% 1/2W
R516	1-247-727-11	(WG,IT)...CARBON 10 5% 1/2W
R517	1-249-433-11	CARBON 22K 5% 1/4W
R518	1-247-746-11	CARBON 390 5% 1/2W
R551	1-247-713-11	CARBON 1K 5% 1/4W
R552	1-249-438-11	CARBON 56K 5% 1/4W
R553	1-249-415-11	CARBON 680 5% 1/4W
R554	1-249-438-11	CARBON 56K 5% 1/4W
R555	1-247-756-11	(AEP,UK,WG,IT) ...CARBON 2.2K 5% 1/2W
R555	1-247-758-11	(E,Saudi Arabia) ...CARBON 3.3K 5% 1/2W
R556	1-247-756-11	(AEP,UK,WG,IT) ...CARBON 2.2K 5% 1/2W
R556	1-247-758-11	(E,Saudi Arabia) ...CARBON 3.3K 5% 1/2W
R566	1-247-727-11	(WG,IT)...CARBON 10 5% 1/2W
R562	1-217-156-00	METAL PLATE 0.22 10% 5W
R564	1-247-727-11	CARBON 10 5% 1/2W
R565	1-247-727-11	CARBON 10 5% 1/2W
R567	1-249-433-11	CARBON 22K 5% 1/4W
R568	1-247-746-11	CARBON 390 5% 1/2W
R722	1-249-417-11	CARBON 1K 5% 1/4W
R723	1-249-431-11	CARBON 15K 5% 1/4W
R724	1-249-441-11	CARBON 100K 5% 1/4W
R725	1-249-438-11	CARBON 56K 5% 1/4W
R726	1-249-429-11	CARBON 10K 5% 1/4W
R727	1-249-441-11	CARBON 100K 5% 1/4W
R729	1-249-434-11	CARBON 27K 5% 1/4W
R730	1-247-764-11	CARBON 10K 5% 1/2W
R731	1-215-891-11	(E,Saudi Arabia) ...METAL OXIDE 680 5% 2W F
R731	1-216-455-11	(AEP,UK,WG,IT) ...METAL OXIDE 560 5% 2W F
R732	1-249-425-11	CARBON 4.7K 5% 1/4W
R733	1-247-903-00	CARBON 1M 5% 1/4W
R734	1-249-431-11	CARBON 15K 5% 1/4W
R772	1-249-417-11	CARBON 1K 5% 1/4W
R773	1-249-431-11	CARBON 15K 5% 1/4W
R774	1-249-441-11	CARBON 100K 5% 1/4W
R775	1-249-437-11	CARBON 47K 5% 1/4W
R901	1-217-469-00	FUSIBLE 1 5% 1W F
R902	1-247-761-11	CARBON 5.6K 5% 1/2W
R903	1-249-422-11	CARBON 2.7K 5% 1/4W
R904	1-217-469-00	FUSIBLE 1 5% 1W F
R905	1-217-469-00	FUSIBLE 1 5% 1W F
R907	1-249-423-11	(E,Saudi Arabia) ...CARBON 3.3K 5% 1/4W
R908	1-249-433-11	CARBON 22K 5% 1/4W
R910	1-217-156-00	(E,Saudi Arabia) ...METAL PLATE 0.22 10% 5W
R911	1-217-156-00	(E,Saudi Arabia) ...METAL PLATE 0.22 10% 5W
R912	1-217-156-00	(E,Saudi Arabia) ...METAL PLATE 0.22 10% 5W

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

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

Ref.No.	Part No.	Description	Ref.No.	Part No.	Description
R913	1-217-156-00	(E,Saudi Arabia) ...METAL PLATE 0.22 10% 5W	R913	1-217-156-00	(E,Saudi Arabia) ...METAL PLATE 0.22 10% 5W
R914	1-217-469-00	FUSIBLE 1 5% 1W F	R914	1-217-469-00	FUSIBLE 1 5% 1W F
RV201	1-237-883-11	RES, VAR, CARBON 50K (MIC LEVEL)	RV201	1-237-883-11	RES, VAR, CARBON 50K (MIC LEVEL)
RV401	1-237-881-11	RES, VAR, CARBON 100K/100K (BASS)	RV401	1-237-881-11	RES, VAR, CARBON 100K/100K (BASS)
RV402	1-237-881-11	RES, VAR, CARBON 100K/100K (TREBLE)	RV402	1-237-881-11	RES, VAR, CARBON 100K/100K (TREBLE)
RV403	1-237-882-11	RES, VAR, CARBON 100K (BALANCE)	RV403	1-237-882-11	RES, VAR, CARBON 100K (BALANCE)
RV404	1-237-884-11	RES, VAR, CARBON 100K/100K (including motor)(VOLUME)	RV404	1-237-884-11	RES, VAR, CARBON 100K/100K (including motor)(VOLUME)
RY701	1-515-501-00	RELAY	RY701	1-515-501-00	RELAY
RY901	1-515-720-11	RELAY	RY901	1-515-720-11	RELAY
S301	1-554-303-21	SWITCH, KEY BOARD (PHONO)	S301	1-554-303-21	SWITCH, KEY BOARD (PHONO)
S302	1-554-303-21	SWITCH, KEY BOARD (TUNER)	S302	1-554-303-21	SWITCH, KEY BOARD (TUNER)
S303	1-554-303-21	SWITCH, KEY BOARD (CD)	S303	1-554-303-21	SWITCH, KEY BOARD (CD)
S304	1-554-303-21	SWITCH, KEY BOARD (TAPE)	S304	1-554-303-21	SWITCH, KEY BOARD (TAPE)
S305	1-554-303-21	SWITCH, KEY BOARD (VIDEO/DAT)	S305	1-554-303-21	SWITCH, KEY BOARD (VIDEO/DAT)
S306	1-554-303-21	SWITCH, KEY BOARD (EQ REC)	S306	1-554-303-21	SWITCH, KEY BOARD (EQ REC)
S307	1-552-412-00	(E,Saudi Arabia) ...SWITCH, KEY BOARD (SYSTEM POWER)	S307	1-552-412-00	(E,Saudi Arabia) ...SWITCH, KEY BOARD (SYSTEM POWER)
S401	1-571-292-11	SWITCH, PUSH (1 KEY)(SURROUND)	S401	1-571-292-11	SWITCH, PUSH (1 KEY)(SURROUND)
S402	1-571-292-11	(AEP,WG,UK,IT)....SWITCH, PUSH (1 KEY)(DBFB)	S402	1-571-292-11	(AEP,WG,UK,IT)....SWITCH, PUSH (1 KEY)(DBFB)
S402	1-571-292-11	(E,Saudi Arabia)....SWITCH, PUSH (1 KEY)(SAT)	S402	1-571-292-11	(E,Saudi Arabia)....SWITCH, PUSH (1 KEY)(SAT)
S901	1-554-920-21	(AEP,UK,WG,IT).... SWITCH, PUSH (1 KEY)(AC POWER)(POWER)	S901	1-554-920-21	(AEP,UK,WG,IT).... SWITCH, PUSH (1 KEY)(AC POWER)(POWER)
T901	1-449-724-11	(E,Saudi Arabia)....TRANSFORMER, POWER	T901	1-449-724-11	(E,Saudi Arabia)....TRANSFORMER, POWER
T901	1-449-725-11	(AEP,WG,UK,IT)....TRANSFORMER, POWER	T901	1-449-725-11	(AEP,WG,UK,IT)....TRANSFORMER, POWER
T902	1-449-723-11	(E,Saudi Arabia)....TRANSFORMER, POWER	T902	1-449-723-11	(E,Saudi Arabia)....TRANSFORMER, POWER
TB501	1-536-705-00	TERMINAL BOARD (SP)(SPEAKER)	TB501	1-536-705-00	TERMINAL BOARD (SP)(SPEAKER)
VS901	1-571-437-11	(E,Saudi Arabia)....SWITCH, POWER VOLTAGE CHANGE (VOLTAGE SELECTOR)	VS901	1-571-437-11	(E,Saudi Arabia)....SWITCH, POWER VOLTAGE CHANGE (VOLTAGE SELECTOR)
XT301	1-567-839-11	VIBRATOR, CERAMIC 3MHz	XT301	1-567-839-11	VIBRATOR, CERAMIC 3MHz

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

SONY. SERVICE MANUAL

AEP Model
UK Model
E Model

CORRECTION-1

File this Correction with the Service Manual.

 : corrected portion

page 2

