# TA-EX9/EX18/20

## SERVICE MANUAL

AEP Model **UK Model** E Model Australian Model

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TA-EX9/EX10 are the Amplifier Section in MHC-EX9AV/EX10AV.

Photo: TA-EX10

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#### **SPECIFICATIONS**

Peak music power output (TA-EX9: E, Saudi Arabia, Hong Kong, Malaysia, Singapore, Australian)

1,000 W (2 speakers driven)

DIN power output (TA-EX10/TA-EX9: AEP, UK, German, Italian)

FRONT:

60 W + 60 W (6 ohms,

at 1 kHz) (TA-EX9)

CENTER:

20 W (6 ohms, at 1 kHz)

REAR:

7W+7W (6 ohms,

Continuous RMS power output FRONT:

70 W + 70 W (6 ohms,

at 1 kHz, 5% THD)

(TA-EX9)

CENTER:

28 W (6 ohms, at 1 kHz,

5% THD)

REAR:

10 W + 10 W (6 ohms, at 1 kHz, 5% THD)

Input	Jack type	Sensiti- vity	Impedance
CD	Phono	450 mV	47 kilohms
MD/DAT	Phono	450 mV	47 kilohms
TUNER	Phono	250 mV	47 kilohms
VIDEO1	Phono	250 mV	47 kilohms
VIDEO2	Phono	250 mV	47 kilohms
TAPE	Phono	250 mV	47 kilohms
		1 mV ng Kong, Ma lian models)	

Output	Jack type	Voltage	Impedance
MD/DAT	Phono	250 mV	1 kilohm
VIDEO1	Phono	250 mV	1 kilohm
TAPE	Phono	250 mV	1 kilohm
HEAD- PHONES	Stereo phone	7 c= 18	Accepts headphones of 8 ohms or more

MONITOR OUT (phono jack):

1 Vp-p/75 ohms FRONT SPEAKER:

TA-EX9

accepts speakers of 6 to

16 ohms

TA-EX10

Phono jacks: only for SA-EX100

CENTER SPEAKER:

accepts speakers of 6 to

16 ohms

REAR SPEAKER:

accepts speakers of 6 to 16 ohms

**Dimensions** 

Approx. 280 x 125 x 315 mm (w/h/d)

(11 1/8 x 5 x 12 1/2 inches)

TA-EX9 : Approx. 6.5 kg (14 lb 6 oz) TA-EX10: Approx. 5.1 kg (11 lb 4 oz)

- Continued on next page

# AV CENTER/CONTROL AMPLIFIER SONY



#### General

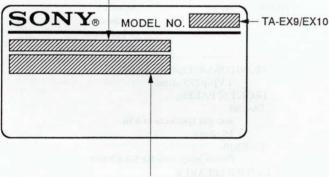
Power requirements
AEP, UK, German, Italian model:
220 – 230 V AC, 50/60 Hz
E, Saudi Arabia, Hong Kong, Malaysia, Singapore,
Australian model:
110 – 120 V or 220 – 240 V AC
adjustable, 50/60 Hz

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#### MODEL IDENTIFICATION

Model Number Label
 TA-EX9: AV CENTER AMPLIFIER
 TA-EX10: AV CONTROL AMPLIFIER



#### TA-EX9

AEP model: AC 220 - 230 V ~50/60 Hz 200 W

UK model: AC 220 - 230 V ~50 Hz

German, Italian model:

AC 220 - 230 V ~50 Hz 200 W

E, Saudi Arabia, Hong Kong, Malaysia,

Singapore, Australian model:

AC 110 - 120/220 - 240 V ~50/60 Hz 200 W

#### TA-EX10

AEP model: AC 220 - 230 V ~50/60 Hz 85 W

UK model: AC 220 - 230 V ~50 Hz

German, Italian model:

AC 220 - 230 V ~50 Hz 85 W

E, Saudi Arabia, Hong Kong, Malaysia, Singapore, Australian model:

AC 110 - 120/220 - 240 V ~50/60 Hz 85 W

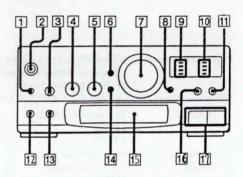
#### SAFETY-RELATED COMPONENT WARNING!!

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.

## SECTION 1 GENERAL

This section is extracted from instruction manual.

## Index to Parts and Controls



1 Remote sensor

2 SYSTEM POWER switch and ON/STANDBY indicator (7)

The indicator remains lit as long as the AC power cord is connected to a wall outlet.

3 MIC LEVEL control (21) (E, EA, MY, SP, HK, AUS)

4 BASS control (20)

5 TREBLE control (20)

6 KARAOKE PON button\* (21) (E, EA, MY, SP, HK, AUS)

7 VOLUME control (5, 7, 20)

8 SOURCE DIRECT button\* (20)

9 PRO LOGIC MODE indicators (21)

DSP MENU indicators (20)

DSP MENU indicators

11 DSP button (20)

12 HEADPHONES jack (20, 24)

13 MIX MIC jack (phone jack) (21, 22)

(E, EA, MY, SP, HK, AUS)

14 MUTING button\* (20)

15 Display window (20)

16 DOLBY PRO LOGIC button (21)

17 FUNCTION buttons (16, 19, 24)

VIDEO (24)

AUDIO (16, 19, 24)

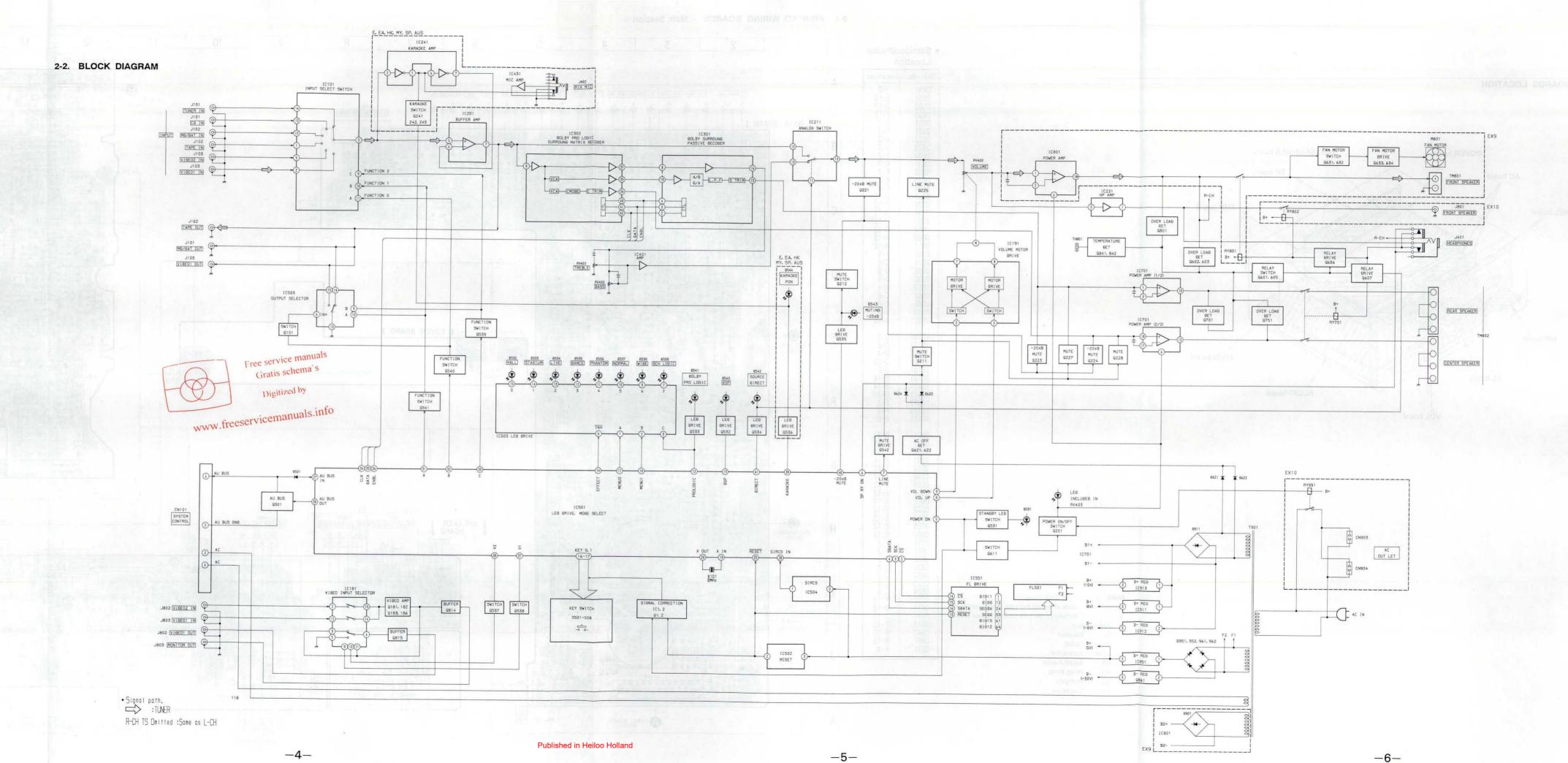
#### Abbreviation

AUS : Australian
EA : Saudi Arabia
HK : Hong Kong
MY : Malaysia
SP : Singapore

# SECTION 2 DIAGRAMS

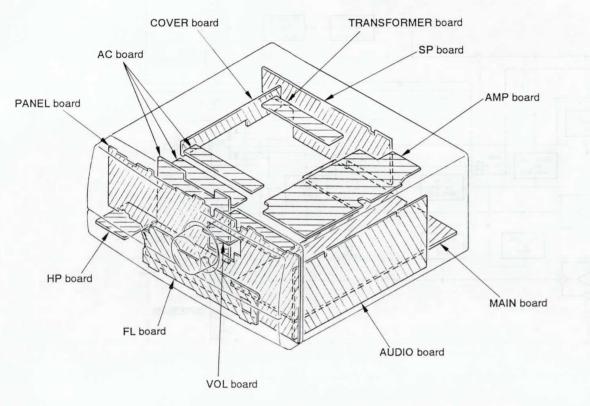
## 2-1. IC PIN FUNCTION DESCRIPTION PANEL BOARD IC501 M37471M4-469SP (LED Drive, Mode Select)

Pin No.	Pin Name	I/O	Function
1		_	Not used
2	CS	0	IC551 FL Driver control
3	SCK	0	IC551 FL Driver control
4	SDATA	0	IC551 FL Driver control
5	POWER ON	0	System power ON
6	SP RY ON	0	Speaker relay ON
7	LINEMUTE	0	Line mute ON
8	VOLUP	0	Volume up
9	VOLDOWN	0	Volume down
10	MENU1	0	LED Control
11	MENU0	0	LED Control
12	PROLOGIC	0	LED Control
13	DSP	0	LED Control
14	EFFECT	0	LED Control
15			Not used
16	KEY1	I	A/D input
17	KEY0	I	A/D input
18	VREF	I	A/D Reference Voltage
19	XIN	1	X'TAL input
20	XOUT	0	X'TAL output
21	VSS	I	GND
22	VCC	I	+5 V
23	E/CE	I	For CE = "L", E = "H"
24	65/75	I	For EX9 ="H", EX = 10 "L"
25	RESET	I	Reset input
26	ACOFF	1	Not used BRAGE
27	AUBIN	I	AU BUS Input
28	SIRCSIN	I	SIRCS Input
29	Ison State		Not used
30	AUBOUT	0	AU BUS Output
31	A	0	IC101, 102, 103 Audio function control
32	В	0	IC101, 102, 103 Audio function control
33	С	0	IC101, 102, 103 Audio function control
34	CLK	0	IC301, 302 Prologic/DSP control
35	DATA	0	IC301, 302 Prologic/DSP control
36	ENBL	0	IC301, 302 Prologic/DSP control
37	V1	0	IC181 Video function control
38	V2	0	IC181 Video function control
39	KARAOKE	0	KARAOKE PON ON
40	- 20MUTE	0	- 20 dB Muting ON
41	DIRECT	0	Direct ON
42	_	_	Not used

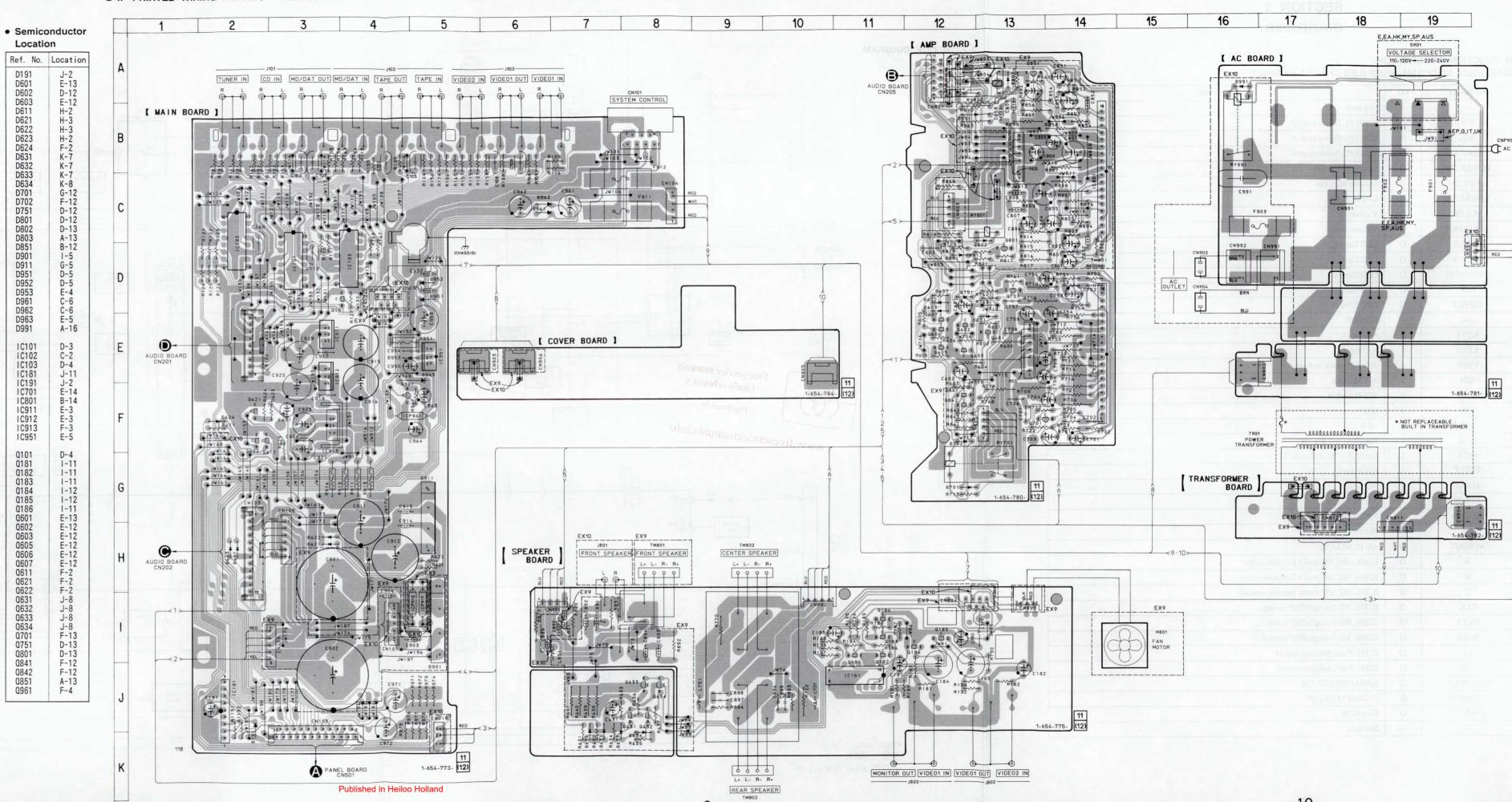


TA-EX9/EX10 21/8/2016 TA-EX9/EX10 info

#### 2-3. CIRCUIT BOARDS LOCATION

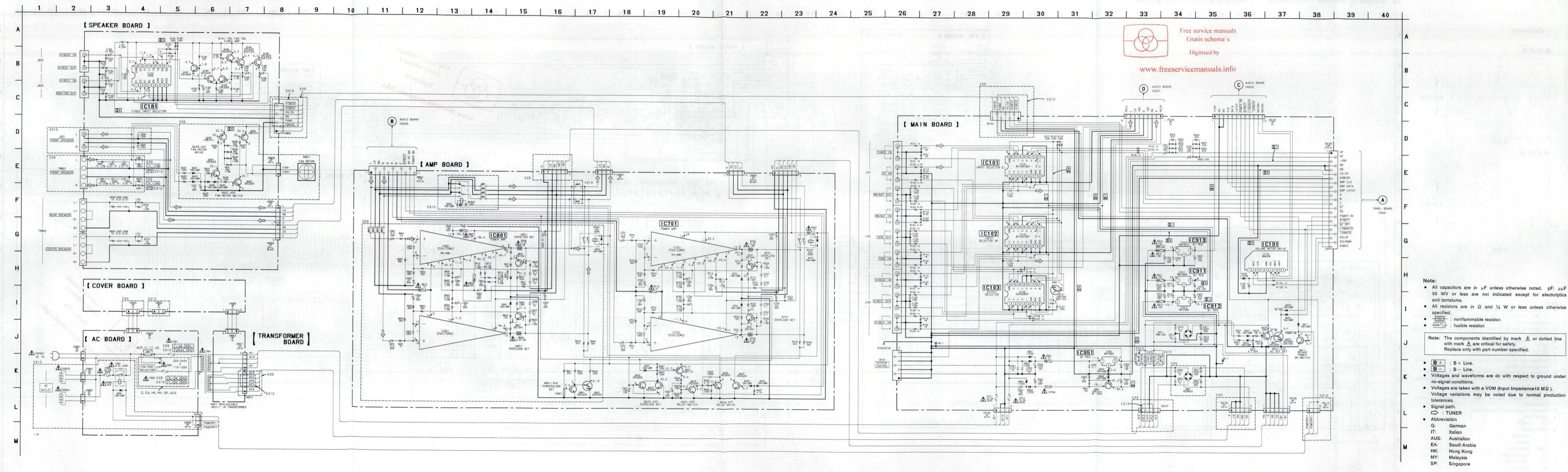


2-4. PRINTED WIRING BOARDS - Main Section



• o- : parts extracted from the component side.

: Pattern on the side which enables seen.

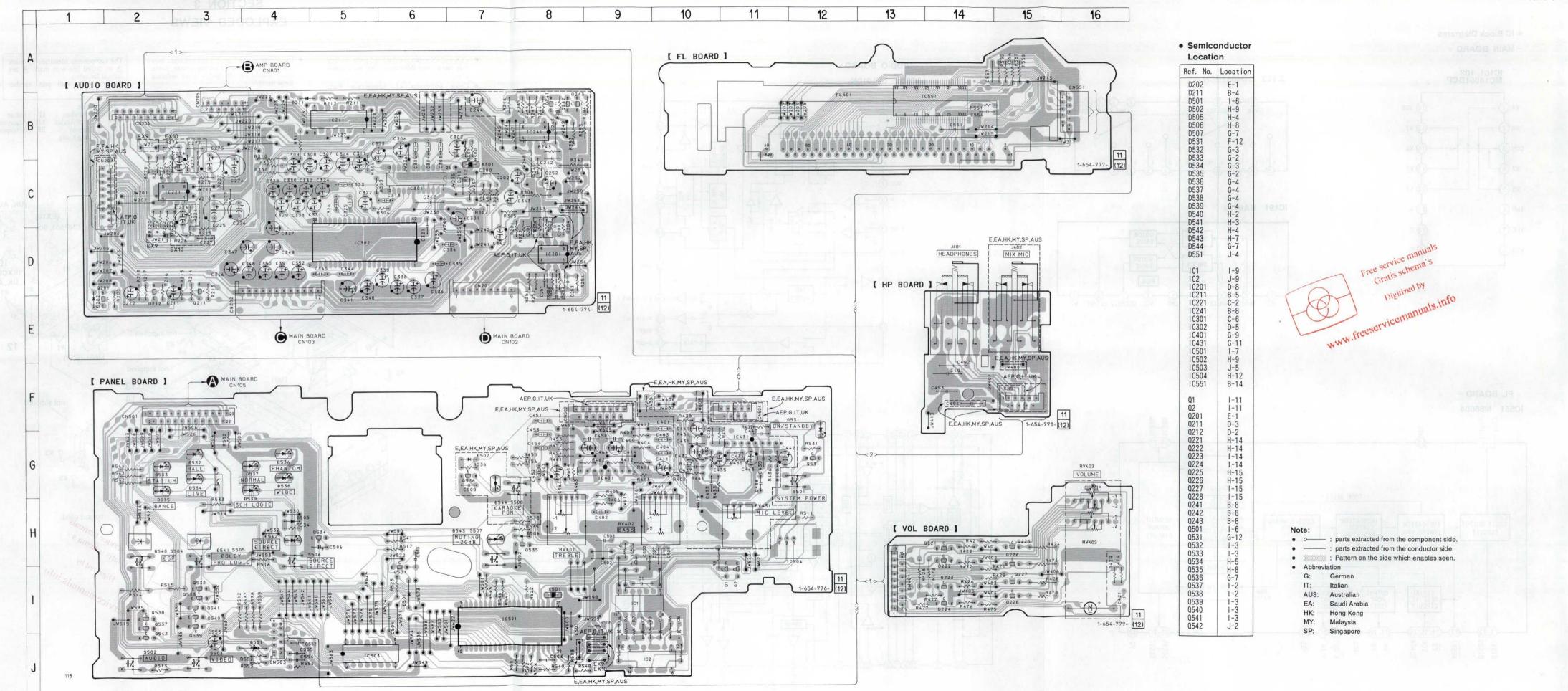


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www.freeservic2n5anuSCHEMATIC DIAGRAM - Main Section - • Refer to page 24 for IC Block Diagrams.

-11-

21/8/20

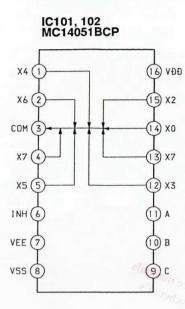


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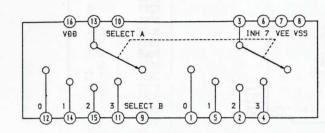
-22-

2-7 PRINTED WIRING BOARDS - Panel Section - • Refer to page 7 for Circuit Boards Location.

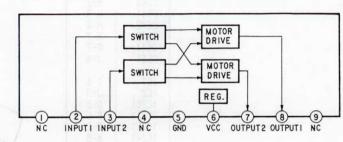
- IC Block Diagrams
- MAIN BOARD -



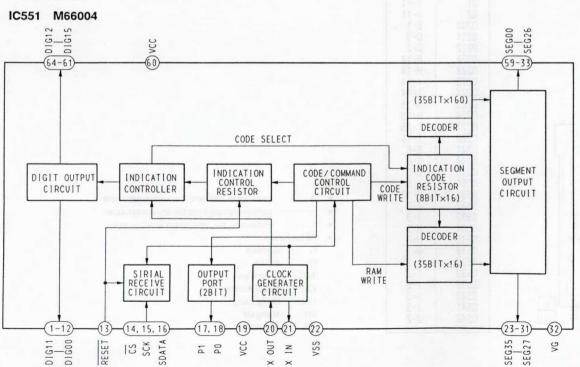
#### IC103 CD4052BCN



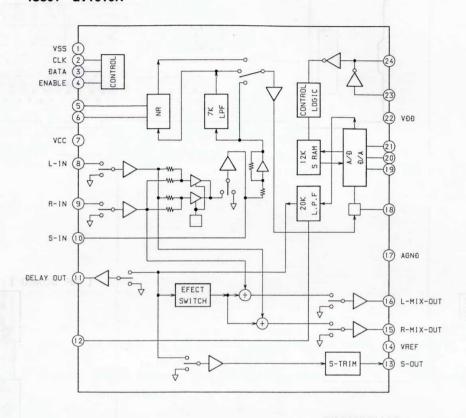
#### IC191 BA6208



#### - FL BOARD -



#### - AUDIO BOARD -IC301 LV1010N



# 

# SECTION 3 EXPLODED VIEWS

#### NOTE

 -XX and -X mean standardized parts, so they may have some difference from the original one.

Parts Color Cabinet's Color

- Color Indication of Appearance Parts Example:
  KNOB, BALANCE (WHITE) . . . (RED)

  ↑ ↑
- Items marked "\*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- The mechanical parts with no reference number in the exploded views are not supplied.
- Hardware (# mark) list and accessories and packing materials are given in the last of the electrical parts list.

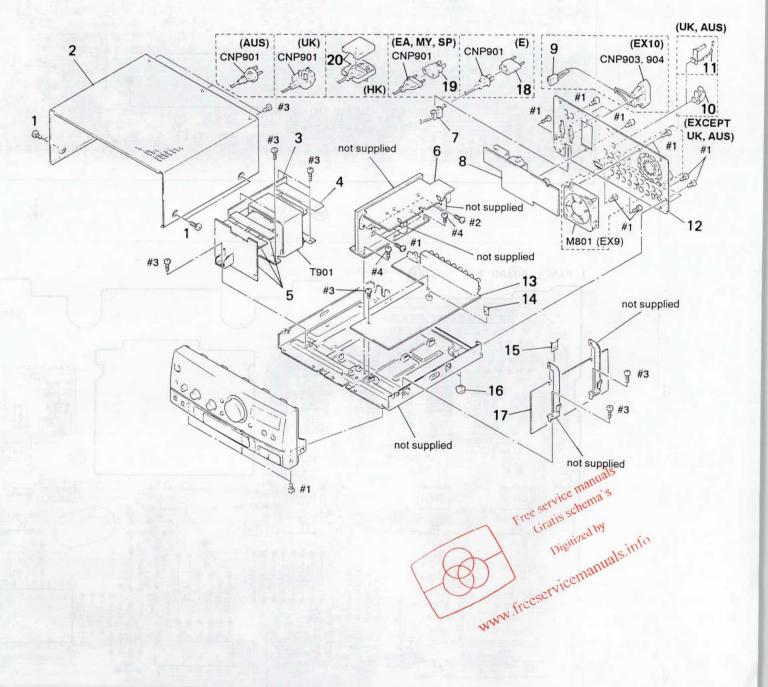
The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.

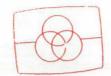
Replace only with part number specified.

Abbreviation

AUS : Australian IT : Italian
EA : Saudi Arabia MY : Malaysia
G : German SP : Singapore
HK : Hong Kong

### (1) CHASSIS SECTION





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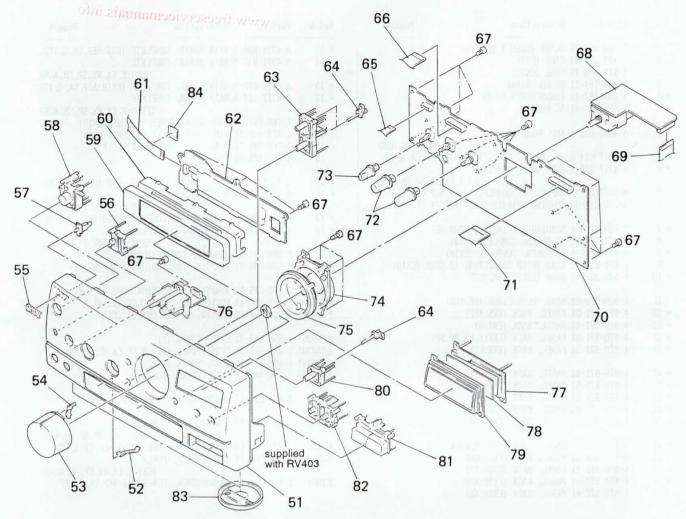
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Ref. No.	Part No.	Description Remark	Ref. No.	Part Woww.freeservicemanuals.info Remark
1	3-363-099-01	SCREW (CASE 3 TP2)	* 13	A-4371-996-A MAIN BOARD, COMPLETE (EX9:AEP, UK, G, IT)
2	3-919-558-51		* 13	A-4371-997-A MAIN BOARD, COMPLETE
2	3-919-558-71		10	(EX9: E, EA, MY, SP, HK, AUS)
* 3		COVER, BOARD	* 13	A-4377-013-A MAIN BOARD, COMPLETE (EX10:AEP, UK, G, IT)
* 4		TRANSFORMER BOARD	* 13	A-4377-014-A MAIN BOARD, COMPLETE (EXTO. AEF, OR, G, 11)
* 5	1-654-781-11		. 13	(EX10:E, EA, MY, SP, HK, AUS)
	1 001 701 11	no bomb	14	1-769-847-11 WIRE (FLAT TYPE) (5 CORE) (EX10)
* 6	A-4377-008-A	AMP BOARD, COMPLETE	14	
. 0	A 4377 000 A		7,017	1-769-881-11 WIRE (FLAT TYPE) (7 CORE) (EX9)
* 6	A 4277 D24 A	(EX9: E, EA, MY, SP, HK, AUS)	15	1-769-940-11 WIRE (FLAT TYPE) (11 CORE)
1000		AMP BOARD, COMPLETE (EX10: AEP, UK, G, IT)	16	4-965-822-01 FOOT
* 6	A-4377-025-A	AMP BOARD, COMPLETE		
		(EX10: E, EA, MY, SP, HK, AUS)	* 17	A-4371-998-A AUDIO BOARD, COMPLETE (EX9: AEP, UK, G, IT)
* 6		AMP BOARD, COMPLETE (EX9: AEP, UK, G, IT)	* 17	A-4371-999-A AUDIO BOARD, COMPLETE
* 7	3-703-244-00	BUSHING (2104), CORD (EXCEPT E)	VO.9	(EX9:E, EA, MY, SP, HK, AUS)
			* 17	A-4377-015-A AUDIO BOARD, COMPLETE (EX10: AEP, UK, G, IT)
* 7	3-703-571-11	BUSHING (S) (4516), CORD (E)	* 17	A-4377-016-A AUDIO BOARD, COMPLETE
* 8	A-4377-000-A	SP BOARD, COMPLETE (EX9)	O WAS	(EX10:E, EA, MY, SP, HK, AUS)
* 8	A-4377-017-A	SP BOARD, COMPLETE (EX10)	<u>1</u> 18	1-569-007-11 ADAPTER, CONVERSION 2P (E)
9	1-751-216-52	LEAD (WITH CONNECTOR) (2 CORE) (EX10)	<b>1</b> 19 <b>1</b> 19	1-569-008-11 ADAPTER, CONVERSION 2P (EA, MY, SP)
* 10	4-949-235-01	HOOK (EXCEPT UK, AUS)	78/20	the state of the s
			/î\20	1-770-019-11 ADAPTOR, CONVERSION PLUG 3P (HK)
11	4-956-370-02	BAND, PLUG FIXED (UK, AUS)		1-526-794-11 OUTLET, AC (AC OUTLET) (EX10)
* 12		PANEL, BACK (EX9:AEP)		1-526-794-11 OUTLET, AC (AC OUTLET) (EX10)
* 12		PANEL, BACK (EX9:G)	21,011304	1 320 734 11 OUTEET, NO (NO OUTEET) (ENTO)
* 12		PANEL, BACK (EX9:E, EA, MY, SP)	A CNDON1	1-558-943-41 CORD, POWER (E)
* 12		PANEL, BACK (EX9:UK)		1-575-651-21 CORD, POWER (AEP, G, IT, EA, MY, SP, HK)
12	4 370 371 31	TANEL, DAGE (EAS.OR)		
* 12	4 070 071 41	PANEL, BACK (EX9:IT)		1-696-571-11 CORD, POWER (UK)
* 12		DAMEL DACK (EVO. AUC)	₹ZCN5a01	1-696-845-11 CORD, POWER (AUS)
		PANEL, BACK (EX9:AUS)	Mona	
* 12		PANEL, BACK (EX9:HK)	M801	1-698-209-11 MOTOR, DC FAN (FAN MOTOR) (EX9)
* 12		PANEL, BACK (EX10:AEP)		
* 12	4-970-972-11	PANEL, BACK (EX10:G)	<b>1 1 1 1 1 1 1 1 1 1</b>	1-427-702-11 TRANSFORMER, POWER
* 12	4-970-972-21	PANEL, BACK (EX10:E. EA. MY. SP)	∕₹T901	(EX10: E, EA, MY, SP, HK, AUS) 1-427-703-11 TRANSFORMER, POWER (EX10: AEP, UK, G, IT)
* 12		PANEL, BACK (EX10:UK)	/\T901	
* 12		PANEL, BACK (EX10: IT)	₹71901	1-427-704-11 TRANSFORMER, POWER
* 12			A T001	(EX9:E, EA, MY, SP, HK, AUS)
* 12		PANEL, BACK (EX10:AUS)	<b>⚠</b> T901	1-427-705-11 TRANSFORMER, POWER (EX9: AEP, UK, G, IT)
* 17	4-9/0-9/2-01	PANEL, BACK (EX10:HK)		

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#### (2) FRONT PANEL SECTION



Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description Remark
51	4-970-974-01	PANEL, FRONT (EX9:AEP,	UK, G, IT)	67	4-951-620-01	SCREW (2. 6X8), +BVTP
51	4-970-974-11	PANEL, FRONT (EX9:E, EA	, MY, SP, HK, AUS)	* 68	1-654-779-11	VOL BOARD
51		PANEL, FRONT (EX10: AEP		69	1-773-038-11	WIRE (FLAT TYPE) (17 CORE)
51		PANEL, FRONT (EX10:E, E		* 70	A-4377-001-A	PANEL BOARD, COMPLETE (EX9: AEP, UK, G, IT)
52		PLATE, GROUND		* 70	A-4377-002-A	PANEL BOARD, COMPLETE
02	1 010 000 01					(EX9:E, EA, MY, SP, HK, AUS)
53	4-970-955-01	KNOB (VOL)				
54	4-970-956-01	INDICATOR (VOL)		* 70	A-4377-018-A	PANEL BOARD, COMPLETE (EX10: AEP, UK, G, IT)
55	4-962-708-01	EMBLEM (4-A), SONY		* 70	A-4377-019-A	PANEL BOARD, COMPLETE
56	4-970-964-01	LENS				(EX10:E, EA, MY, SP, HK, AUS)
57	4-970-963-01	INDICATOR (POWER)		71	1-773-183-11	WIRE (FLAT TYPE) (23 CORE)
				72	4-970-965-01	KNOB (TONE)
58	4-970-962-01	BUTTON (POWER)		73	4-973-043-01	KNOB (KR) (E, EA, MY, SP, HK, AUS)
59		PLATE (WINDOW), ORNAME	NTAL			
60	4-970-981-01	WINDOW (FL)		* 74	4-970-987-01	BRACKET (VOL)
61	1-769-914-11	WIRE (FLAT TYPE) (9 CO	RE)	75	4-970-979-01	PLATE (VOL), ORNAMENTAL
* 62	1-654-777-11	FL BOARD		* 76	1-654-778-11	HP BOARD
				77	4-970-985-01	HOLDER, LED
63	4-970-976-01	BUTTON (MK) (AEP, UK, G, I	T)	78	4-970-984-01	PLATE (DSP), INDICATION
63	4-970-976-11	BUTTON (MK) (E, EA, MY, SP	, HK, AUS)			
64	4-970-954-01	INDICATOR (D & M)		79	4-970-982-01	WINDOW (DSP)
65	1-769-846-11	WIRE (FLAT TYPE) (5 CO	RE) (AEP, UK, G, IT)	80	4-970-975-01	BUTTON (DIRECT)
65		WIRE (FLAT TYPE) (9 CO		81	4-970-978-01	BUTTON (FUNCTION)
			EA, MY, SP, HK, AUS)	82	4-970-977-01	BUTTON (DSP)
66	1-765-326-11	WIRE (FLAT TYPE) (11 CO	RE) (AEP, UK, G, IT)	83	4-972-656-01	FOOT (ORNAMENT)
66		WIRE (FLAT TYPE) (15 C				
			, EAP MYSISSH, MISHeild	oo Holland	4-614-901-01	INSULATOR, TERMINAL

### 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.
- -XX and -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

Abbreviation

Ref. No. Part No.

AUS: Australian EA:Saudi Arabia MY:Malaysia G:German

HK: Hong Kong

IT: Italian SP:Singapore

Remark

1-654-781-11 AC BOARD \*\*\*\*\*\*

1-533-293-11 FUSE HOLDER

< CAPACITOR >

Description

**↑**C991 1-161-744-51 CERAMIC 400V (EX10)

< CONNECTOR >

CN901 1-580-230-11 PIN, CONNECTOR (PC BOA D) 2P \* CN902 1-569-499-11 PIN, CONNECTOR 3P

⚠CN903 1-526-794-11 OUTLET, AC (AC OUTLET) (EX10) CN991 1-564-321-00 PIN, CONNECTOR 2P (EX10)

CN992 1-564-321-00 PIN, CONNECTOR 2P (EX10)

\* CN993 1-564-506-11 PLUG, CONNECTOR 3P (EX10)

< DIODE >

8-719-987-63 DIODE 1N4148M (EX10)

< FUSE >

<u>A</u>F901 1-532-259-00 FUSE, TIME LAG (1.6A 250V) (EX9) ⚠F901 1-532-284-00 FUSE, CYLINDRICAL (0.63A 250V) (EX10)

1-532-237-00 FUSE, TIME LAG (3.15A 250V) ▲F902

(EX9:E, EA, MY, SP, HK, AUS)

1-532-285-00 FUSE, TIME LAG (1.25A 250V)

(EX10: E, EA, MY, SP, HK, AUS)

1-532-286-00 FUSE, TIME LAG (2.5A 250V) (EX10)

< RELAY >

ARY991 1-755-065-11 RELAY (EX10)

< SWITCH >

AS901 1-572-675-11 SWITCH, POWER VOLTAGE CHANGE

(VOLTAGE SELECTOR) (E, EA, MY, SP, HK, AUS)

• Items marked "\*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

SEMICONDUCTORS

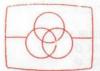
In each case, u: µ, for example: uA . . : μA. . uPA. . : μPA. .

uPB. .: μPB. . uPC. .: μPC. . uPD. .: μPD. .

 CAPACITORS uF: µF

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

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



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## Ref. No. Part Nowwolescriptionvicemanuals.infemark

- A-4377-007-A AMP BOARD, COMPLETE (EX9:AEP, G, IT, UK)
  - A-4377-008-A AMP BOARD, COMPLETE
  - (EX9: E, EA, MY, SP, HK, AUS) A-4377-024-A AMP BOARD, COMPLETE (EX10:AEP, G, IT, UK)
- A-4377-025-A AMP BOARD, COMPLETE

(EX10: E, EA, MY, SP, HK, AUS)

#### < CAPACITOR >

C601	1-124-443-00	ELECT	100uF		20%	10V	
C602	1-124-907-11	ELECT	10uF		20%	50V	
C603	1-162-294-31	CERAMIC	0.001	uF	10%	50V	
C701	1-124-925-11	ELECT	2. 2uF		20%	100V	
C702	1-162-282-31	CERAMIC	100PF		10%	50V	
C703	1-124-910-11	ELECT	47uF		20%	50V	
C704	1-124-916-11	ELECT	22uF		20%	63V	
C706	1-124-916-11	ELECT	22uF		20%	63V	
C707	1-164-159-11	CERAMIC	0. 1uF			50V	
C708	1-164-159-11	CERAMIC	0. 1uF			50V	
C709	1-124-916-11	ELECT	22uF		20%	63V	
C751	1-124-925-11	ELECT	2. 2uF		20%	100V	
C752	1-162-282-31	CERAMIC	100PF		10%	50V	
C753	1-124-910-11	ELECT	47uF		20%	50V	
C754	1-124-916-11	ELECT	22uF		20%	63V	
C757	1-164-159-11	CERAMIC	0. 1uF			50V	
C758	1-164-159-11	CERAMIC	0. 1uF			50V	
C759	1-124-916-11	ELECT	22uF		20%	63V	
C801	1-124-925-11	ELECT	2. 2uF	20%	1001	(EX9)	
C802	1-164-070-11	CERAMIC	100PF	5%	50V	(EX9)	
C803	1-124-910-11		47uF	20%	50V	(EX9)	
C804	1-124-910-11	ELECT	47uF	20%	50V	(EX9)	
C805	1-124-122-11	ELECT	100uF	20%	50V	(EX9)	
C806	1-124-916-11	ELECT	22uF	20%	63V	(EX9)	
C807	1-136-165-00	FILM	0. 1uF	5%	50V	(EX9)	
C808	1-136-165-00	FILM	0. 1uF	5%	50V	(EX9)	



Ref. No.	Part No.	Description			Re	mark	Ref. No.	Part No.	Description			Re	emark
C809	1-124-916-11	ELECT 2	2uF	20%	63V	(EX9)	R603	1-249-441-11	CARBON	100K	5%	1/4W	
C851	1-124-925-11		. 2uF			(EX9)	R604	1-249-429-11		10K	5%	1/4W	
C852	1-164-070-11		00PF			(EX9)	1001	1 210 120 11	orango.	10			
C853	1-124-910-11		7uF			(EX9)	R605	1-249-425-11	CARRON	4. 7K	5%	1/4W	
0000	1 124 310 11	LLLOI	rui	204	001	(LN3)	R606	1-249-441-11		100K		1/4W	
C854	1-124-910-11	FI FCT A	7uF	20%	50V	(EX9)	DC07	1-249-425-11		4. 7K		1/4W	
C855	1-124-122-11		00uF			(EX9)	R608	1-249-441-11		100K		1/4W	
C857	1-136-165-00		. 1uF			(EX9)	R701	1-249-417-11		1K	5%	1/4W	
C858			. 1uF			(EX9)	11701	1 243 417 11	OMIDON	III	0.0	1/ 111	
	1-136-165-00						D702	1-249-438-11	CADRON	56K	5%	1/4W	
C859	1-124-916-11	ELECT 2	2uF	20%	031	(EX9)	R702	1-249-411-11			5%		
		/ GONNEGTOD					R703			330		1/4W	
	ice manuals	< CONNECTOR	)	-			R704	1-249-438-11		56K	5%	1/4W	
				-			R705	1-260-103-11		2. 2K		1/2W	
	1-568-830-11 1-564-507-11						R706	1-260-103-11	CARBON	2. 2K	5%	1/2W	
	1-564-507-11						/₹R708	1-217-151-00	RES, METAL PLA	TF 0 2	9		F
* CNOUS	1-304-307-11	FLUG, CONNEC	10h 4r				R709	1-260-076-11		10	5%	1/2W	1
		/ DIODE \									5%	1/4W	Г
	nuals.info	BUILDE	Bortl. W				<u>↑</u> R710	1-212-857-00 1-249-417-11		10 1K	5%	1/4W	1
D004							R711						
D601		DIODE 1N41					R712	1-249-431-11	CARBON	15K	5%	1/4W	
D602		DIODE 1N41					D710	1 040 441 11	CADDON	1007	Γeν	1 /400	
D603	8-719-987-63						R713	1-249-441-11		100K		1/4W	
D701	8-719-987-63						R714	1-260-099-11		1K	5%	1/2W	
D702	8-719-987-63	DIODE 1N41	48M				R716	1-260-099-11		1K	5%	1/2W	
	21E.52.5N.21.31	HEEL -	1015-0-0				R718	1-249-437-11		47K	5%	1/4W	
D751	8-719-987-63						R721	1-249-441-11	CARBON	100K	5%	1/4W	
D801	8-719-987-63		48M (EX9)				1003		3000 ft 3	HVEE 3			
D802	8-719-987-63		48M (EX9)				R722	1-249-441-11		100K		1/4W	
D803	8-719-987-63	DIODE 1N41	48M (EX10	))			R751	1-249-417-11		1K	5%	1/4W	
D851	8-719-987-63	DIODE 1N41	48M (EX9)				R752	1-249-438-11	CARBON	56K	5%	1/4W	
							R753	1-249-411-11		330	5%	1/4W	
		< IC >					R754	1-249-438-11	CARBON	56K	5%	1/4W	
IC701	8-749-920-19	IC STK4122	MK2				R755	1-260-103-11	CARBON	2. 2K	5%	1/2W	
IC801			MK2 (EX9)				R756	1-260-103-11		2. 2K		1/2W	
	0 110 020 10		(2710)				∕NR758		RES, METAL PLA				F
		< TRANSISTOR	> 100 10				R759	1-260-076-11		10	5%	1/2W	
		Thumbiology					R761	1-249-417-11		1K	5%	1/4W	
Q601	8-729-119-76	TRANSISTOR	2SA1175-	HFE						1010 4			
Q602	8-729-620-05		2SC2603-				R762	1-249-431-11	CARBON	15K	5%	1/4W	
Q602	8-729-620-05		2SC2603-				S-0.0 15-15	1-249-441-11		100K		1/4W	
Q605	8-729-620-05		2SC2603-				R768	1-249-438-11		56K	5%	1/4W	
Q606	8-729-620-05		2SC2603-				R801	1-249-417-11		1K	5%	1/4W	(FYQ)
QUUU	0-729-020-03	TRANSISION	2302003	LI			R802	1-249-438-11		56K	5%		(EX9)
Q607	8-729-620-05	TRANSISTOR	2SC2603-	EF			11002	1 245 450 11	OTHER OTHER	3011	370	1/ 111	(LAJ)
							R803	1-249-415-11	CARRON	680	5%	1/4W	(FYO)
Q701	8-729-140-84		2SC1841-				2022				-	1/4W	Contract of the Contract of th
Q751	8-729-140-84		2SC1841-		VO)		R804	1-249-438-11 1-260-103-11		56K	5%		Contract of the Contract of th
Q801	8-729-140-84		2SC1841-		VA)		R805			2. 2K		1/2W	
Q841	8-729-620-05	1KAN51510K	2SC2603-	Er (EVA)			R806 ∕∆R807	1-260-103-11 1-212-881-11		2. 2K 100		1/2W 1/4W F	
0049	8-729-900-36	TDANGICTOD	DTC124ES	(FYO)			\(\frac{17}{4}\)	1 212 001 11	LOSIDEL	100	J./6	1/411 [	(LV3)
Q842							A Dono	1-217-151-00	RES, METAL PLA	TE O o	2	r	(EX9)
Q851	8-729-140-84	TRANS151UR	2SC1841-	PAPAEA (E	Va)		<u></u>						
		/ DEGLOTOD					R809	1-260-076-11		10	5%	1/2W	
		< RESISTOR >					<u></u>	1-212-857-00		10	5%	1/4W F	
				F0 1			R811	1-249-417-11 1-249-431-11		1K	5%	1/4W	
Carlot and Carlot Control	1 010 0== 0=							1-/44-431-11					
<u></u> <b>№</b> R600	1-212-857-00		10		/4W		R812	1 243 431 11	CARDON	15K	5%	1/4W	(LAJ)
Carlot and Carlot Control	1-212-857-00 1-249-441-11 1-249-441-11	CARBON	10 100K 100K	5% 1	/4W /4W		R813	1-249-441-11		100K		1/4W	

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

Replace only with part number specified.



Ref. No.         Part No.         Description         Remark         Ref. No.         Part No.         Description           R814         1-260-103-11 CARBON         2. 2K 5% 1/2W (EX9)         C242         1-162-282-31 CERAMIC         100P           R815         1-260-103-11 CARBON         2. 2K 5% 1/2W (EX9)         C242         1-162-282-31 CERAMIC         100P           R816         1-260-103-11 CARBON         2. 2K 5% 1/2W (EX9)         C243         1-162-600-11 CERAMIC         0.00           R818         1-249-437-11 CARBON         47K 5% 1/4W (EX9)         C244         1-124-907-11 ELECT         10uF           R821         1-249-441-11 CARBON         100K 5% 1/4W (EX9)         C246         1-162-282-31 CERAMIC         100P           R842         1-249-441-11 CARBON         100K 5% 1/4W (EX9)         C246         1-162-282-31 CERAMIC         100P           R843         1-249-441-11 CARBON         100K 5% 1/4W (EX9)         C251         1-164-070-11 CERAMIC         100P           R851         1-249-417-11 CARBON         1K 5% 1/4W (EX9)         C251         1-164-070-11 CERAMIC         100P           R853         1-249-438-11 CARBON         56K 5% 1/4W (EX9)         C253         1-164-070-11 CERAMIC         100P           R854         1-249-438-11 CARBON <t< th=""><th>(E, EA, MY  47uF 20% (E, EA, MY 20% (E, EA, MY F 10% (E, EA, MY F 5% 20% F 5% 20% F 20% F 20%</th><th>7, SP, HK, AUS) 6, 16V 7, SP, HK, AUS) 6, 50V 7, SP, HK, AUS) 6, 50V 7, SP, HK, AUS) 50V 50V 50V 50V 50V</th></t<>	(E, EA, MY  47uF 20% (E, EA, MY 20% (E, EA, MY F 10% (E, EA, MY F 5% 20% F 5% 20% F 20% F 20%	7, SP, HK, AUS) 6, 16V 7, SP, HK, AUS) 6, 50V 7, SP, HK, AUS) 6, 50V 7, SP, HK, AUS) 50V 50V 50V 50V 50V
R815 1-260-103-11 CARBON 2. 2K 5% 1/2W (EX9) R816 1-260-103-11 CARBON 2. 2K 5% 1/2W (EX9) R817 1-260-103-11 CARBON 2. 2K 5% 1/2W (EX9)  R818 1-249-437-11 CARBON 47K 5% 1/4W (EX9) R821 1-249-441-11 CARBON 100K 5% 1/4W (EX9) R841 1-249-437-11 CARBON 47K 5% 1/4W (EX9) R842 1-249-441-11 CARBON 100K 5% 1/4W (EX9) R843 1-249-441-11 CARBON 100K 5% 1/4W (EX9) R843 1-249-441-11 CARBON 100K 5% 1/4W (EX9) R851 1-249-417-11 CARBON 100K 5% 1/4W (EX9) R852 1-249-438-11 CARBON 56K 5% 1/4W (EX9) R853 1-249-415-11 CARBON 680 5% 1/4W (EX9) R854 1-249-438-11 CARBON 56K 5% 1/4W (EX9) R855 1-260-103-11 CARBON 2. 2K 5% 1/2W (EX9) C276 1-124-472-11 ELECT 470u C277 1-164-159-11 CERAMIC 0. 1u R856 1-260-103-11 CARBON 2. 2K 5% 1/2W (EX9)	(E, EA, MY  47uF 20% (E, EA, MY 20% (E, EA, MY F 10% (E, EA, MY F 5% 20% F 5% 20% F 20% F 20%	7, SP, HK, AUS) 6, 16V 7, SP, HK, AUS) 6, 50V 7, SP, HK, AUS) 6, 50V 7, SP, HK, AUS) 50V 50V 50V 50V 50V
R815 1-260-103-11 CARBON 2. 2K 5% 1/2W (EX9) R816 1-260-103-11 CARBON 2. 2K 5% 1/2W (EX9) R817 1-260-103-11 CARBON 2. 2K 5% 1/2W (EX9)  R818 1-249-437-11 CARBON 47K 5% 1/4W (EX9) R821 1-249-441-11 CARBON 100K 5% 1/4W (EX9) R841 1-249-437-11 CARBON 47K 5% 1/4W (EX9) R842 1-249-441-11 CARBON 100K 5% 1/4W (EX9) R843 1-249-441-11 CARBON 100K 5% 1/4W (EX9) R843 1-249-441-11 CARBON 100K 5% 1/4W (EX9) R851 1-249-417-11 CARBON 100K 5% 1/4W (EX9) R852 1-249-438-11 CARBON 56K 5% 1/4W (EX9) R853 1-249-415-11 CARBON 680 5% 1/4W (EX9) R854 1-249-438-11 CARBON 56K 5% 1/4W (EX9) R855 1-260-103-11 CARBON 2. 2K 5% 1/2W (EX9) C276 1-124-472-11 ELECT 470u C277 1-164-159-11 CERAMIC 0. 1u R856 1-260-103-11 CARBON 2. 2K 5% 1/2W (EX9)	(E, EA, MY  47uF 20% (E, EA, MY 20% (E, EA, MY F 10% (E, EA, MY F 5% 20% F 5% 20% F 20% F 20%	5 16V 7, SP, HK, AUS) 6 50V 7, SP, HK, AUS) 6 50V 7, SP, HK, AUS) 50V 50V 50V 50V
R816 1-260-103-11 CARBON 2. 2K 5% 1/2W (EX9)  R817 1-260-103-11 CARBON 2. 2K 5% 1/2W (EX9)  R818 1-249-437-11 CARBON 47K 5% 1/4W (EX9)  R821 1-249-441-11 CARBON 100K 5% 1/4W (EX9)  R841 1-249-437-11 CARBON 47K 5% 1/4W (EX9)  R842 1-249-441-11 CARBON 100K 5% 1/4W (EX9)  R843 1-249-441-11 CARBON 100K 5% 1/4W (EX9)  R843 1-249-441-11 CARBON 100K 5% 1/4W (EX9)  R851 1-249-417-11 CARBON 100K 5% 1/4W (EX9)  R852 1-249-438-11 CARBON 56K 5% 1/4W (EX9)  R853 1-249-415-11 CARBON 680 5% 1/4W (EX9)  R854 1-249-438-11 CARBON 56K 5% 1/4W (EX9)  R855 1-260-103-11 CARBON 2. 2K 5% 1/2W (EX9)  R856 1-260-103-11 CARBON 2. 2K 5% 1/2W (EX9)	47uF 20% (E, EA, MY 20% (E, EA, MY F 10% (E, EA, MY F 5% 20% F 5% 20% F 20% F 20%	5 16V 7, SP, HK, AUS) 6 50V 7, SP, HK, AUS) 6 50V 7, SP, HK, AUS) 50V 50V 50V 50V
R817 1-260-103-11 CARBON 2. 2K 5% 1/2W (EX9) C243 1-162-600-11 CERAMIC 0. 00  R818 1-249-437-11 CARBON 47K 5% 1/4W (EX9) C244 1-124-907-11 ELECT 10uF  R821 1-249-441-11 CARBON 100K 5% 1/4W (EX9) C246 1-162-282-31 CERAMIC 100P  R842 1-249-441-11 CARBON 100K 5% 1/4W (EX9) C251 1-164-070-11 CERAMIC 100P  R843 1-249-441-11 CARBON 100K 5% 1/4W (EX9) C252 1-124-907-11 ELECT 10uF  R851 1-249-417-11 CARBON 1K 5% 1/4W (EX9) C252 1-124-907-11 CERAMIC 100P  R852 1-249-438-11 CARBON 56K 5% 1/4W (EX9) C253 1-164-070-11 CERAMIC 100P  R853 1-249-415-11 CARBON 680 5% 1/4W (EX9) C274 1-124-907-11 ELECT 10uF  R854 1-249-438-11 CARBON 56K 5% 1/4W (EX9) C275 1-124-472-11 ELECT 470u  R855 1-260-103-11 CARBON 2. 2K 5% 1/2W (EX9) C276 1-124-472-11 ELECT 470u  R856 1-260-103-11 CARBON 2. 2K 5% 1/2W (EX9) C277 1-164-159-11 CERAMIC 0. 1u	(E, EA, MY 20% (E, EA, MY F 10% (E, EA, MY F 5% 20% F 5% 20% F 20% F 20% F 20% F 20%	7, SP, HK, AUS) 7, SP, HK, AUS, AUS, AUS, AUS, AUS, AUS, AUS, AUS
R818 1-249-437-11 CARBON 47K 5% 1/4W (EX9) R821 1-249-441-11 CARBON 100K 5% 1/4W (EX9) R841 1-249-437-11 CARBON 47K 5% 1/4W (EX9) R842 1-249-441-11 CARBON 100K 5% 1/4W (EX9) R843 1-249-441-11 CARBON 100K 5% 1/4W (EX9) R851 1-249-417-11 CARBON 100K 5% 1/4W (EX9) R852 1-249-438-11 CARBON 56K 5% 1/4W (EX9) R853 1-249-415-11 CARBON 680 5% 1/4W (EX9) R854 1-249-438-11 CARBON 56K 5% 1/4W (EX9) R855 1-260-103-11 CARBON 2. 2K 5% 1/2W (EX9) R856 1-260-103-11 CARBON 2. 2K 5% 1/2W (EX9) R856 1-260-103-11 CARBON 2. 2K 5% 1/2W (EX9)	(E, EA, MY 20% (E, EA, MY F 10% (E, EA, MY F 5% 20% F 5% 20% F 20% F 20% F 20% F 20%	7, SP, HK, AUS) 7, SP, HK, AUS, AUS, AUS, AUS, AUS, AUS, AUS, AUS
R818 1-249-437-11 CARBON 47K 5% 1/4W (EX9) R821 1-249-441-11 CARBON 100K 5% 1/4W (EX9) R841 1-249-437-11 CARBON 47K 5% 1/4W (EX9) R842 1-249-441-11 CARBON 100K 5% 1/4W (EX9) R843 1-249-441-11 CARBON 100K 5% 1/4W (EX9) R851 1-249-441-11 CARBON 1K 5% 1/4W (EX9) R852 1-249-438-11 CARBON 56K 5% 1/4W (EX9) R853 1-249-415-11 CARBON 680 5% 1/4W (EX9) R854 1-249-438-11 CARBON 56K 5% 1/4W (EX9) R855 1-260-103-11 CARBON 2. 2K 5% 1/2W (EX9) C246 1-162-282-31 CERAMIC 100P C252 1-164-070-11 CERAMIC 100P C252 1-124-907-11 ELECT 10uF C253 1-164-070-11 CERAMIC 100P C274 1-124-907-11 ELECT 10uF C275 1-124-472-11 ELECT 470u C277 1-164-159-11 CERAMIC 0. 1u C277 1-164-159-11 CERAMIC 0. 1u	20% (E, EA, MY F 10% (E, EA, MY F 5% 20% F 5% 20% F 20% F 20%	5 50V 7, SP, HK, AUS) 5 50V 7, SP, HK, AUS) 50V 50V 50V 50V
R821 1-249-441-11 CARBON	(E, EA, MY F 10% (E, EA, MY F 5% 20% F 5% 20% F 20% F 20%	7, SP, HK, AUS) 5, 50V 7, SP, HK, AUS) 50V 50V 50V 50V 50V
R841 1-249-437-11 CARBON 47K 5% 1/4W (EX9) R842 1-249-441-11 CARBON 100K 5% 1/4W (EX9) R843 1-249-441-11 CARBON 100K 5% 1/4W (EX9) R851 1-249-417-11 CARBON 1K 5% 1/4W (EX9) R852 1-249-438-11 CARBON 56K 5% 1/4W (EX9) R853 1-249-415-11 CARBON 680 5% 1/4W (EX9) R854 1-249-438-11 CARBON 56K 5% 1/4W (EX9) R855 1-260-103-11 CARBON 2. 2K 5% 1/2W (EX9) R856 1-260-103-11 CARBON 2. 2K 5% 1/2W (EX9) R856 1-260-103-11 CARBON 2. 2K 5% 1/2W (EX9) R856 1-260-103-11 CARBON 2. 2K 5% 1/2W (EX9) R857 1-260-103-11 CARBON 2. 2K 5% 1/2W (EX9) R858 1-260-103-11 CARBON 2. 2K 5% 1/2W (EX9)	F 10% (E, EA, MY) F 5% 20% F 5% 20% F 20% F 20% F 20%	5 50V 7, SP, HK, AUS) 50V 50V 50V 50V 50V(EX10)
R842 1-249-441-11 CARBON 100K 5% 1/4W (EX9) R843 1-249-441-11 CARBON 100K 5% 1/4W (EX9)  R851 1-249-417-11 CARBON 1K 5% 1/4W (EX9)  R852 1-249-438-11 CARBON 56K 5% 1/4W (EX9)  R853 1-249-415-11 CARBON 680 5% 1/4W (EX9)  R854 1-249-438-11 CARBON 56K 5% 1/4W (EX9)  R855 1-260-103-11 CARBON 2. 2K 5% 1/2W (EX9)  C251 1-164-070-11 CERAMIC 100F  C252 1-124-907-11 ELECT 10uF  C253 1-164-070-11 CERAMIC 100P  C254 1-124-907-11 ELECT 10uF  C255 1-124-472-11 ELECT 10uF  C276 1-124-472-11 ELECT 470u  C277 1-164-159-11 CERAMIC 0. 1u	(E, EA, MY F 5% 20% F 5% 20% F 20% F 20%	7, SP, HK, AUS) 50V 5 50V 50V 50V (EX10)
R843 1-249-441-11 CARBON 100K 5% 1/4W (EX9) C251 1-164-070-11 CERAMIC 100P  R851 1-249-417-11 CARBON 1K 5% 1/4W (EX9)  R852 1-249-438-11 CARBON 56K 5% 1/4W (EX9)  R853 1-249-415-11 CARBON 680 5% 1/4W (EX9)  R854 1-249-438-11 CARBON 56K 5% 1/4W (EX9)  R855 1-260-103-11 CARBON 2. 2K 5% 1/2W (EX9)  C251 1-164-070-11 CERAMIC 100P  C252 1-124-907-11 ELECT 100P  C253 1-164-070-11 CERAMIC 100P  C274 1-124-907-11 ELECT 100P  C275 1-124-472-11 ELECT 4700  C276 1-124-472-11 ELECT 4700  C277 1-164-159-11 CERAMIC 0. 100P	F 5% 20% F 5% 20% F 20% F 20% F 20%	50V 50V 50V 50V (EX10)
R851 1-249-417-11 CARBON 1K 5% 1/4W (EX9) R852 1-249-438-11 CARBON 56K 5% 1/4W (EX9) R853 1-249-415-11 CARBON 680 5% 1/4W (EX9) R854 1-249-438-11 CARBON 56K 5% 1/4W (EX9) R855 1-260-103-11 CARBON 2. 2K 5% 1/2W (EX9)  C252 1-124-907-11 ELECT 10uF C253 1-164-070-11 CERAMIC 100P C274 1-124-907-11 ELECT 10uF C275 1-124-472-11 ELECT 470u C276 1-124-472-11 ELECT 470u C277 1-164-159-11 CERAMIC 0. 1u R856 1-260-103-11 CARBON 2. 2K 5% 1/2W (EX9)	20% F 5% 20% F 20% F 20%	50V 50V 50V (EX10)
R851 1-249-417-11 CARBON 1K 5% 1/4W (EX9) R852 1-249-438-11 CARBON 56K 5% 1/4W (EX9) R853 1-249-415-11 CARBON 680 5% 1/4W (EX9) R854 1-249-438-11 CARBON 56K 5% 1/4W (EX9) R855 1-260-103-11 CARBON 2. 2K 5% 1/2W (EX9)  R856 1-260-103-11 CARBON 2. 2K 5% 1/2W (EX9)  C253 1-164-070-11 CERAMIC 100P C274 1-124-907-11 ELECT 10uF C275 1-124-472-11 ELECT 470u C277 1-164-159-11 CERAMIC 0. 1u	F 5% 20% F 20% F 20%	50V 50V (EX10)
R852 1-249-438-11 CARBON 56K 5% 1/4W (EX9) C253 1-164-070-11 CERAMIC 100P R853 1-249-415-11 CARBON 680 5% 1/4W (EX9) C274 1-124-907-11 ELECT 10uF R854 1-249-438-11 CARBON 56K 5% 1/4W (EX9) C275 1-124-472-11 ELECT 470u R855 1-260-103-11 CARBON 2. 2K 5% 1/2W (EX9) C276 1-124-472-11 ELECT 470u C277 1-164-159-11 CERAMIC 0. 1u R856 1-260-103-11 CARBON 2. 2K 5% 1/2W (EX9)	20% F 20% F 20%	50V (EX10)
R853 1-249-415-11 CARBON 680 5% 1/4W (EX9) C274 1-124-907-11 ELECT 10uF R854 1-249-438-11 CARBON 56K 5% 1/4W (EX9) C275 1-124-472-11 ELECT 470u R855 1-260-103-11 CARBON 2. 2K 5% 1/2W (EX9) C276 1-124-472-11 ELECT 470u C277 1-164-159-11 CERAMIC 0. 1u R856 1-260-103-11 CARBON 2. 2K 5% 1/2W (EX9)	20% F 20% F 20%	50V (EX10)
R854 1-249-438-11 CARBON 56K 5% 1/4W (EX9) C275 1-124-472-11 ELECT 470u R855 1-260-103-11 CARBON 2. 2K 5% 1/2W (EX9) C276 1-124-472-11 ELECT 470u C277 1-164-159-11 CERAMIC 0. 1u R856 1-260-103-11 CARBON 2. 2K 5% 1/2W (EX9)	F 20% F 20%	
R855 1-260-103-11 CARBON 2. 2K 5% 1/2W (EX9) C276 1-124-472-11 ELECT 470u C277 1-164-159-11 CERAMIC 0. 1u	F 20%	IIIV
R856 1-260-103-11 CARBON 2. 2K 5% 1/2W (EX9)		
R856 1-260-103-11 CARBON 2. 2K 5% 1/2W (EX9)		
	Filma Riv	50V (EX10)
↑R857 1-212-881-11 FUSIBLE 100 5% 1/4W F (EX9)   C300 1-162-286-21 CERAMIC 220P		
The second secon	F 10%	50V
⚠R858 1-217-151-00 RES, METAL PLATE 0.22 F (EX9) C301 1-124-443-00 ELECT 100u	F 20%	3 10V
R859 1-260-076-11 CARBON 10 5% 1/2W (EX9) C302 1-104-666-11 ELECT 220u	F 20%	3 10V
R861 1-249-417-11 CARBON 1K 5% 1/4W (EX9) C303 1-136-159-00 FILM 0.03	3uF 5%	50V
C304 1-130-473-00 MYLAR 0.00	15uF 5%	50V
R862 1-249-431-11 CARBON 15K 5% 1/4W (EX9)		
R863 1-249-441-11 CARBON 100K 5% 1/4W (EX9) C305 1-136-159-00 FILM 0.03	3uF 5%	50V
R868 1-249-438-11 CARBON 56K 5% 1/4W (EX9) C306 1-124-903-11 ELECT 1uF	20%	
C307 1-124-907-11 ELECT 10uF		
C308 1-124-907-11 ELECT 10uF		
10uF 124-907-11 ELECT 10uF	20%	
RY701 1-515-920-11 RELAY (24V)	2010	, 001
RY801 1-515-920-11 RELAY (24V) (EX9) MAN TO THE RY801 1-164-159-11 CERAMIC 0. 1u	F SI THE	50V
RY802 1-515-804-11 RELAY (EX10) C311 1-124-925-11 ELECT 2. 2u		
C312 1-164-159-11 CERAMIC 0. 1u		50V
C313 1-136-159-00 FILM 0.03		50V
	20%	
TH801 1-807-796-11 THERMISTOR (EX9)		
0321 1 102 232 31 OLIVANIO 0001		
C322 1-124-907-11 ELECT 10uF		
* A-4371-998-A AUDIO BOARD, COMPLETE (EX9:AEP, G, IT, UK) C323 1-136-173-00 FILM 0. 47		50V
* A-4371-999-A AUDIO BOARD, COMPLETE C324 1-124-477-11 ELECT 47uF		
(EX9:E, EA, MY, SP, HK, AUS) C325 1-136-165-00 FILM 0. 1u		50V
	208-74 10	
* A-4377-016-A AUDIO BOARD, COMPLETE C326 1-136-165-00 FILM 0.1u		50V
(EX10: E, EA, MY, SP, HK, AUS) C327 1-124-465-00 ELECT 0. 47		
**************************************		
C329 1-124-465-00 ELECT 0. 47	uF 20%	5 50V
<pre>&lt; CAPACITOR &gt;</pre>	F 20%	5 50V
(2.0A, XI) 486 (Y) 474 (Y) 386 (Y) 474 (X) 386 (X) 474 (X) 386 (X) 474 (X) 486		
C201 1-164-070-11 CERAMIC 100PF 5% 50V C331 1-124-250-11 ELECT 0.15	uF 20%	50V
C202 1-124-907-11 ELECT 10uF 20% 50V C332 1-126-962-11 ELECT 3. 3u	F 20%	50V
C203 1-164-070-11 CERAMIC 100PF 5% 50V C333 1-124-250-11 ELECT 0.15	uF 20%	50V
C211 1-124-907-11 ELECT 10uF 20% 50V C334 1-136-157-00 FILM 0.02	2uF 5%	50V
C212 1-124-907-11 ELECT 10uF 20% 50V C335 1-136-161-00 FILM 0.04	7uF 5%	50V
Medical Commence of the New York of the Commence of the Commen		
C224 1-124-907-11 ELECT 10uF 20% 50V(EX10) C336 1-104-666-11 ELECT 220u		
C225 1-124-472-11 ELECT 470uF 20% 10V C337 1-124-907-11 ELECT 10uF	20%	
C226 1-124-472-11 ELECT 470uF 20% 10V C338 1-124-907-11 ELECT 10uF	20%	50V
C227 1-164-159-11 CERAMIC 0.1uF 50V(EX10) C339 1-124-907-11 ELECT 10uF	20%	50V

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



Ref. No.	Part No.	Description			Rem	ark	Ref. No.	Part No.	Description			Ren	nark
C340	1-124-907-11	ELECT	10uF	20%	50V	2020	R202	1-249-430-11	CARBON	12K	5%	1/4W	191
							R203	1-249-429-11	CARBON	10K	5%	1/4W	
C341	1-104-666-11	ELECT	220uF	20%	10V						(E, EA,	MY, SP, H	(, AUS)
C342	1-124-907-11	ELECT	10uF	20%	50V	0880	R204	1-249-430-11	CARBON	12K	5%	1/4W	
C343	1-124-907-11	ELECT	10uF	20%	50V								
C344	1-136-165-00	FILM	0. 1uF	5%	50V	1000	R205	1-249-429-11	CARBON	10K	5%	1/4W	
C345	1-136-165-00	FILM	0. 1uF	5%	50V							(AEP, G, 1	T, UK)
						0.249	R211	1-249-441-11	CARBON	100K	5%	1/4W	
C346	1-124-465-00	ELECT	0. 47uF	20%	50V		R212	1-249-417-11	CARBON	1K	5%	1/4W	
C347	1-126-963-11	ELECT	4. 7uF	20%	50V	(8.5)	R213	1-249-417-11	CARBON	1K	5%	1/4W	
C348	1-124-465-00	ELECT	0. 47uF	20%	50V	2523	R214	1-249-421-11	CARBON	2. 2K	5%	1/4W	
C349	1-126-963-11	ELECT	4. 7uF	20%	50V								
C350	1-124-250-11	ELECT	0. 15uF	20%	50V	6.600	R215	1-249-429-11	CARBON	10K	5%	1/4W	
						147.0	R216	1-249-417-11	CARBON	1K	5%	1/4W	
C351	1-126-962-11	ELECT	3. 3uF	20%	50V	ATAU .	R217	1-249-421-11	CARBON	2. 2K	5%	1/4W	
C352	1-124-250-11	ELECT	0. 15uF	20%	50V	E 1257	R218	1-249-429-11	CARBON	10K	5%	1/4W	
C353	1-124-443-00	ELECT	100uF	20%	10V		R220	1-249-417-11	CARBON	1K	5%	1/4W	
		< CONNECTOR >					R221	1-247-903-00	CARBON	1M	5%	1/4W	
						145	R222	1-249-422-11		2. 7K		1/4W	
* CN201	1-569-504-11	PIN, CONNECTOR	9P			116	R223	1-249-429-11		10K	5%	1/4W	
		PIN, CONNECTOR				BUED	R224	1-249-441-11		100K		1/4W(E	(X10)
		SOCKET, CONNECT		P. G. IT	UK)	100	R224	1-249-441-11		100K		1/4W	
		SOCKET, CONNECT				AUS)	(0)	11.11/11.	. XE)			MY, SP, HK	( AUS)
		SOCKET, CONNECT			EL-1	- 6000					(1)	54-213-I	Mai
31.23	MUS SUE	Aul	THE			3620	R225	1-249-399-11	CARBON	33	5%	1/4W	
* CN205	1-568-854-11	SOCKET, CONNEC	TOR 11P			1080	R226	1-249-413-11		470	5%	1/4W(E	X10)
01.00	AUG. 200	and a second	7771111			3000	R227	1-249-429-11		10K	5%	1/4W	
		< DIODE >				THE RESERVE	R241	1-249-441-11		100K		1/4W	
		, ,					112.11	1 210 111 11	THE STATE OF THE S			MY, SP, HK	(ZIIA)
D202	8-719-987-63	DIODE 1N4148	М				R242	1-249-441-11	CARRON	100K		1/4W	, 1100)
D211	8-719-987-63					711	112 12	1 210 111 11	LILET			MY, SP, HK	(ZIIA
,,,,	110 001 00	211220									D, D,	, O. , III.	, 1100/
		< IC >					R243	1-249-441-11	CARRON	100K	5%	1/4W	
		10				100	112 10	1 210 111 11	O'HEDON'			MY, SP, HK	(SUA
IC201	8-759-910-83	IC TLO72ACP					R244	1-249-441-11	CARBON	100K		1/4W	, 1100)
	8-759-140-53					1587	112.11	1 010 111 11	or in the contract of the cont			MY, SP, HK	AUS)
IC221	8-759-910-83					2320	R245	1-249-441-11	CARBON	100K		1/4W	, 1100)
	8-759-634-51		E. EA. HK. M	SP A	US)	250	ILL TO	TI D TITATESEN				MY, SP, HK	(SIIA
	8-759-168-98					1323	R246	1-249-441-11	CARBON	100K		1/4W	, 1100/
	Van ee	301.0				7320	RISH		ARMS			MY, SP, HK	AUS)
IC302	8-759-248-74	IC LA2785					R247	1-249-441-11	CARBON			1/4W	, ,
						200						MY, SP, HK	AUS)
		< TRANSISTOR >				TEN						,,	, 11007
		TERM					R251	1-249-429-11	CARBON	10K	5%	1/4W	
Q201	8-729-900-63	TRANSISTOR DT.	A124ES				R252	1-249-430-11		12K	5%	1/4W	
Q211	8-729-900-63					15.0	R253	1-249-429-11		10K	5%	1/4W	
Q212		TRANSISTOR DT.					11200	1 210 120 11	0.1110-011			MY, SP, HK	AUS)
Q241		TRANSISTOR 2S				Tat I	R254	1-249-430-11	CARBON	12K	5%	1/4W	, 100)
Qu II	0 120 111 00	THE RESTOR LO		EA, MY,			R255	1-249-429-11		10K	5%	1/4W	
Q242	8-729-900-63	TRANSISTOR DT				The state of the s	11200	V. 210 120 11		10M		(AEP, G, I	T HK)
An in	0 120 000 00		100 (b, 1	,,	or , 1115,	1.00)						(ALL) , U, I	1, 011/
Q243	8-729-900-63	TRANSISTOR DTA	A124ES (F. F	A MV	SP HK	AUS)	R270	1-249-417-11		1K	5%	1/4W	
QL 10	5 . 25 550 65		200 (b, I	, 111, 1	., 1111,	,	R271	1-247-903-00		1M	5%	1/4W	
		< RESISTOR >				700	R272	1-249-422-11			5%	1/4W	
		TEGISION /					R272	1-249-429-11		10K	5%	1/4W	
R200	1-249-417-11	CARRON	1K 5%		/4W	BEEL ST	R274	1-249-441-11		100K		1/4W (E	X10)
R201	1-249-429-11		10K 5%					1 243 441 11	OARDON	1001	J /0	1/411 (E.	AIU)
11201	1 645 465 11	OTHEOUT	IUN JA	, 1,	411								

							A	UDIO	COVI	ER	FL	HF	)	MAIN
Ref. No.	Part No.	Description			Rem	ark	Ref. No.	Part No.	Descripti	on		R	emarl	<b>(</b>
R275	1-249-399-11	CARBON	33	5%	1/4W				< CONNECT	OR >				
R276	1-249-413-11		470	5%	1/4W(E	X10)				•				
R277	1-249-429-11		10K	5%	1/4W	tunia -	* CN551	1-568-852-11	SOCKET. C	ONNECTO	R 9P			
R291	1-249-429-11		10K	5%	1/4W		011001	1 000 002 11	DOUNLI, U	OMMEDIO	11 01			
11201	1 210 120 11				MY, SP, HK	AUS)			< FILTER	1				
R292	1-249-441-11	CARRON	100K		1/4W	, nob)			V I ILILIU					
11232	1 243 441 11	CARDON CONTRACTOR OF THE PARTY			MY, SP, HK	(SIIA	FL501	1-517-367-11						
			371.16		m1, 51, 111	, 105/	1 1501	1 317 307 11	INDICATOR		LUURLSU			
R293	1-249-441-11		100K		1/4W				< IC >					
N233	1-245-441-11				MY, SP, HK	ALIC)			(10)					
R294	1-249-417-11		1K	5%	1/4W	, AUS)	IC551	0 750 961 69	IC MCCO	DANCED				
R234	1-245-417-11	CANDON			MY, SP, HK	ALIC)	10331		IC MOOU	U4MOFP				
R300	1-247-903-00	CADDON	1M	5%	1/4W				/ DECICEO	D				
				- 200	100				< RESISTO	n /				
R301	1-249-411-11		330	5%	1/4W		DEE1	1 040 404 11	CADDON			124-143		
R302	1-249-436-11		39K	5%	1/4W		R551	1-249-434-11			27K 5%	a salahan		
DOOO	1 040 400 44	MREATIVE.					R555	1-249-417-11			1K 5%			
R303	1-249-436-11		39K	5%	1/4W		R556	1-249-417-11			1K 5%	-,		
R304	1-249-432-11		18K	5%	1/4W		R557	1-249-417-11			1K 5%			
R305	1-249-417-11		1K	5%	1/4W		R558	1-249-417-11	CARBON		1K 5%	1/4W		
R306	1-249-417-11		1K	5%	1/4W		1EX							
R307	1-249-389-11	CARBON	4.7	5%	1/4W		******	******	*******	*****	******	*****	****	**
R308	1-249-411-11	CARBON	330	5%	1/4W		*	1-654-778-11	HP BOARD					
R309	1-249-411-11	CARBON	330	5%	1/4W				*****					
R310	1-249-418-11	CARBON	1. 2K		1/4W									
R311	1-249-418-11	CARBON	1. 2K	5%	1/4W				< CAPACIT	OR >				
R312	1-249-417-11	CARBON	1K	5%	1/4W									
							C491	1-164-159-11	CERAMIC		0. 1uF		50	V
R351	1-249-417-11	CARBON	1K	5%	1/4W		C492	1-164-159-11	CERAMIC		0. 1uF		50	V
R352	1-249-417-11	CARBON	1K	5%	1/4W		C493	1-164-159-11	CERAMIC		0. 1uF		50	V
R353	1-249-417-11	CARBON	1K	5%	1/4W		C494	1-164-159-11	CERAMIC		0. 1uF		50	)V
											(E, E	A, MY, SP,	HK, Al	JS)
		< VIBRATOR >							COMMECT					
V201	1 570 105 11	WIDDATOR CERAL	ATC (ON	m_/					< CONNECT					
X301	1-5/9-125-11	VIBRATOR, CERAN	nic (an	IHZ)			. ONE11	1 500 004 11	COOKET O			C IT III		
******	*****	*******	*****	****		***	100000000000000000000000000000000000000	1-568-824-11 1-568-828-11						JS)
*	1-654-784-11	COVER BOARD												
		******							< JACK >					
		< CONNECTOR >					J401	1-507-854-21	JACK, LAR	GE TYPE	(HEADPHO	NES) (AEP, G		
CN903	1-569-490-11	SOCKET, CONNECT	FOR 3P	(FX9)			J401	1-507-854-00	JACK PHO	NF (HFA	DPHONES)	(1111)		1000
		PIN, CONNECTOR		1000000			0.01	V03 - /9X	3,000	(11211		A, MY, SP,		
		SOCKET, CONNECT					J402	1-507-854-00	JACK PHO	NF (MIX				
		SOCKET, CONNECT		(FX10	)		180081000	*********						
*****		*******				****								8000
		(028) (Anii) = nii - x	V (				*	A-4371-996-A	MAIN ROAR	D COMP	LETE (FX	Q.AFD G	IT III	()
*	1-654-777-11	FL BOARD					*	A-4371-997-A				J.ALI, u,	11, 01	1)
	1 034 777 11	******						N 43/1 33/ N	MAIN DUAIN			A, MY, SP,	UV AI	(C)
		*******					*	A-4377-013-A	MATH DOAD!					
*	4_070_000_01	HOLDER (FL)					*					IU.AEF, U	, 11, (	JK)
•	4-370-300-01	HOLDER (FL)						A-4377-014-A		100		A MV CD	UV AI	IC)
		< CAPACITOR >							******			A, MY, SP,	nn, Au	15)
C551	1-162-282-31	CERAMIC	100PF		10%	50V		1-533-293-11	FUSE HOLDI	ER				
C556	1-164-159-11	CERAMIC	0. 1uF			50V	*	3-309-144-21	HEAT SINK					
C557	1-164-159-11	CERAMIC	0. 1uF			50V		7-685-646-79	SCREW +BV	TP 3	X8 TYPE	2 N-S		



Ref. No.	Part No.	Description			Remark	Ref. No.	Part No.	Desci	ription	Remark
*	- <del> </del>	PLATE, GROUND			_	* CN105	1-568-839-11	SOCKI	ET, CONNECTOR 23P	
	1 312 201 01	TEMIE, GROOM				C70522779000			CONNECTOR 4P	
		< CAPACITOR >				AND			CONNECTOR 5P (EX9)	
		V 0.11 1.10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1							CONNECTOR 3P (EX10)	
C103	1-164-070-11	CERAMIC	100PF	5%	50V				CONNECTOR 5P (EX9)	
C105	1-164-070-11		100PF	5%	50V	3.125			MORENI III-III	
C108	1-164-070-11		100PF	5%	50V	* CN109	1-564-509-11	PLUG.	CONNECTOR 6P	
C110	1-164-070-11		100PF	5%	50V				CONNECTOR 3P (EX10)	
C153	1-164-070-11		100PF	5%	50V	0,1110	.99321	1 200,	458845 FLORE	
0100	1 101 010 11	Olitania	10011	0.0		201		< DIG	DDE >	
C155	1-164-070-11	CERAMIC	100PF	5%	50V				AUDIA DELDE	
C158	1-164-070-11		100PF	5%	50V	D191	8-719-200-82	DIODI		
C160	1-164-070-11		100PF	5%	50V	D611	8-719-987-63			
C191	1-124-443-00		100uF	20%	10V	D621	8-719-987-63			
C621	1-126-963-11		4. 7uF	20%	50V	D622	8-719-987-63			
0021	1 120 300 11	EBBOT	1. 701	20%	001	D623	8-719-987-63			
C901	1-126-138-11	FLECT	4700uF	20%	50V (EX9)	2020	0 710 007 00	DIODI		
C902	1-126-138-11		4700uF	20%	50V (EX9)	D624	8-719-987-63	DIODE	E 1N4148M	
C903	1-136-165-00		0. 1uF	5%	50V (EX9)	D901	8-719-510-68			
C904	1-136-165-00		0. 1uF	5%	50V (EX9)	D911	8-719-025-03			
C911	1-124-618-11		2200uF	20%	35V	D951	8-719-200-82			
0311	1 124 010 11	LLLOI	2200ui	20%	331	D952	8-719-200-82			
C912	1-124-618-11	FLECT	2200uF	20%	35V	2332	0 713 200 02	DIODI	A TILOZ	
C913	1-136-165-00		0. 1uF	5%	50V	D953	8-719-987-63	DIODE	E 1N4148M	
C914	1-136-165-00		0. 1uF	5%	50V	D961	8-719-200-82			
C915	1-126-972-11		1000uF	20%	35V	D962	8-719-200-82			
C916	1-126-972-11		1000uF	20%	35V	D963	8-719-016-02			
6910	1-120-972-11	ELECT		20%	334	D303	0-719-010-02	ועטוע	. ULF JUD	
C917	1-164-159-11	CEDAMIC			50V			< FUS	SE > AMERICA DI ATTA	
C918	1-164-159-11				50V			100		
C919	1-124-472-11		470uF	20%	10V	∕AF911	1-532-203-00	FIISE	TIME LAG (2A 250V)	
C920	1-124-472-11		470uF	20%	10V	/₹F912			TIME LAG (2A 250V)	
C921	1-124-122-11		100uF	20%	50V	21312	1 002 200 00	I OUL,	TIME ENG (EN 2007)	
0321	1 124 122 11	LLLUI	10001	20%	301			< IC	>	
C922	1-164-159-11	CERAMIC	0. 1uF		50V				internal Afforda i Roma	
C923	1-124-472-11		470uF	20%	10V	IC101	8-759-000-47	IC	MC14051BCP	
C951	1-136-153-00		0. 01uF	5%	50V	200.00000000000000000000000000000000000	8-759-000-47		MC14051BCP	
C952	1-136-153-00		0. 01uF	5%	50V		8-759-068-07		CD4052BCN	
C953	1-126-942-61		1000uF	20%	16V	7800000000000	8-759-962-08		BA6208	
0000	1 120 012 01	DDD 1	100001	2070	10.	No. of the last of	8-759-604-30		M5F7808L	
C954	1-164-159-11	CERAMIC	0. 1uF		50V					
C955	1-124-443-00		100uF	20%	10V	IC912	8-759-604-48	IC	M5F7908L	
C961	1-124-122-11		100uF	20%	50V		8-759-604-32		M5F7810L	
C962	1-124-122-11		100uF	20%	50V		8-759-231-53		TA7805S	
C963	1-124-907-11		10uF	20%	50V	10001	0 .00 201 00	GP ST		
0300	1 124 307 11	LLLOI	Tour	2070				< IC	LINK >	
C964	1-124-907-11	FLECT	10uF	20%	50V			. 10		
C971	1-124-122-11		100uF	20%	50V	A ICP911	1-532-986-31	LI	NK, IC (10A) (EX9)	
C972	1-124-122-11		100uF	20%	50V	- Laboratoria de la companya de la c	1-532-986-31		NK, IC (10A) (EX9)	
0372	1 124 122 11	LDLOI	roour	2070	001	2.5	1-532-829-11		NK, IC (0. 1A)	
		< CONNECTOR >				25101301	1 002 020 11		10 (01 11)	
		COMMEDIUM /						< JAC	K >	
CN101	1-770-158-21	HOUSING, CONNE	CTOR 7P	(SYSTEM	CONTROL)			. 0110	** X 11 C 16 (6 (6 (6 )	
		SOCKET, CONNEC		COLOTEN	CONTROL/	J101	1-770-015-11	JACK	PIN 6P (TUNERIN, CD IN, MD	/DAT OUT)
		SOCKET, CONNEC				J102	1-770-015-11			2111 001)
		SOCKET, CONNEC		FXQ)		0102	2 110 010 11	31.014	(MD/DAT IN, TAPE OU	T TAPF IN)
		SOCKET, CONNEC				J103	1-770-015-11	JACK		i, itii L 111/
. 01104	1 300 024 11	SOUNET, CONNEC	TOIL OF (	LATO)		0100			VIDEO 2 IN, VIDEO 1 OUT, V	IDEO 1 IN)
									TIDEO E IN, TIDEO I OUI, Y	IDEO I IN)
						The cor	mponents ident	ified	by	

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

MAIN

PANEL

Ref. No.	Part No.	Description	Mined		Rem	ark	Ref. No.	Part No.	Description	dq1.mak0		Rei	mark
(RUA)	HLUB (MATE)	< TRANSISTOR	>		J0, -	the state of	R168	1-249-417-11	CARBON	1K	5%	1/4W	· Actor
							R611	1-249-417-11	CARBON	1K	5%	1/4W	
Q101	8-729-900-63	TRANSISTOR	DTA124ES				R621	1-249-429-11	CARBON	10K	5%	1/4W	
Q611	8-729-620-05		2SC2603-	EF			R622	1-249-429-11		10K	5%	1/4W	
Q621	8-729-620-05		2SC2603-	EF			R623	1-249-429-11		10K	5%	1/4W	
Q622	8-729-900-36		DTC124ES				- 4.284	H WANGET I			3330		
Q961	8-729-118-01		2SB1116-				R624	1-249-429-11	CARBON	10K	5%	1/4W	
4001	0 120 110 01	MASIANI		10-18			R625	1-249-441-11		100K		1/4W	
		< RESISTOR >					/₹R911	1-212-881-11		100	5%	1/4W	F
		\ ILDIDION /					<u>∧</u> R913	1-212-881-11		100	5%	1/4W	
R101	1-249-417-11	CAPRON	1K	5%	1/4W		/\R915	1-212-881-11		100	5%	1/4W	
R102	1-249-425-11				1/4W		\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	1 212 001 11	TOSTDEL	100	3.0	1/411	0.00
					The state of		A DOLG	1 212 001 11	CHCIDIC		E@		
R103	1-249-417-11		1K	5%	1/4W		<u>↑</u> R916	1-212-881-11		100	5%	1/4W	
R104	1-249-425-11		4. 7K		1/4W		⚠R951	1-212-857-00		10	5%		F
R105	1-249-417-11	CARBON	1K	5%	1/4W		R961	1-249-429-11		10K	5%	1/4W	
20.25		410000		1914	2.2000		R971	1-249-413-11		470	5%	1/4W	
R106	1-249-417-11		1K		1/4W		R972	1-249-413-11		470	5%	1/4W	
R107	1-249-417-11		1K	5%	1/4W		701						
R108	1-249-417-11	CARBON	1K	5%	1/4W		R973	1-249-413-11	CARBON	470	5%	1/4W	
R109	1-249-417-11	CARBON	1K	5%	1/4W		R974	1-249-413-11	CARBON	470	5%	1/4W	
R111	1-247-903-00	CARBON	1M	5%	1/4W		R975	1-249-413-11	CARBON	470	5%	1/4W	
							R976	1-249-413-11	CARBON	470	5%	1/4W	
R112	1-249-428-11	CARBON	8. 2K	5%	1/4W		R977	1-249-413-11	CARBON	470	5%	1/4W	
R113	1-249-428-11	CARBON	8. 2K	5%	1/4W		100					1 861-1	
R114	1-247-903-00		1M	5%	1/4W		R978	1-249-413-11	CARBON	470	5%	1/4W	
R115	1-247-903-00		1M	5%	1/4W		1000000	1-249-417-11		1K	5%	1/4W	
R116	1-247-903-00		1M	5%	1/4W		Complete Bulletin (and all and	1-249-417-11		1K	5%	1/4W	
	000 00	81.2.17	10010	0.0	1/4"			*******				1000	
R117	1-249-417-11	CARBON	1K	5%	1/4W		The						
R118	1-249-417-11	CARBON	1K	5%	1/4W		* 706	A-4377-001-A	PANEL BOARD,	COMPLETE	E (EX9	: AEP, G,	IT, UK)
R121	1-249-441-11	CARBON	100K	5%	1/4W		* /()8:	A-4377-002-A	PANEL BOARD,	COMPLETE	11-03		
R122	1-249-441-11		100K	5%	1/4W		A01					MY, SP, HI	K. AUS)
R123	1-249-441-11				1/4W		*	A-4377-018-A	PANEL BOARD.				
			50H - 31	07 - 100	9-7-9		*	A-4377-019-A					
R124	1-249-417-11	CARBON	1K	5%	1/4W		Free Vit	300	uih a		Children to the same	MY, SP, HI	K AUS)
R125	1-249-417-11		1K	5%	1/4W		781		*******			, 0, ,	2020
R126	1-249-417-11		1K	5%	1/4W		72		THE STATE OF	7.015			
R127	1-249-441-11		100K		1/4W		721		< CAPACITOR	>			
R151	1-249-417-11		1K	5%	1/4W		731		VALAUTION	STANDARDS			
1111	1 243 417 11	OTHEDON	In		1/411		C1	1-162-306-11	CERAMIC	0. 010	F	30%	16V
D159	1-240-425-11	CADRON	A 7V				25000						50V
R152	1-249-425-11		4. 7K		1/4W		C2	1-124-257-00		2. 2ul		20%	
R153	1-249-417-11		1K	5%	1/4W		100,000,000	1-124-257-00		2. 2ul		20%	50V
R154	1-249-425-11			5%	1/4W		C4	1-124-257-00		2. 2ul		20%	50V
R155	1-249-417-11		1K	5%	1/4W		C5	1-124-257-00	ELECT	2. 2uf		20%	50V
R156	1-249-417-11	CARBON	1K	5%	1/4W		0.400	1 100 000 11	CEDANIC	0.04	r	200	1.01/
D157	1 240 417 11	CADDON	117	E0	1 // 1		C400	1-162-306-11		0. 010		30%	16V
R157	1-249-417-11		1K	5%	1/4W		C401	1-136-157-00		0. 022		5%	50V
R158	1-249-417-11		1K	5%	1/4W		C402	1-136-163-00		0. 068		5%	50V
R159	1-249-417-11		1K	5%	1/4W		C403	1-136-167-00		0. 150		5%	50V
R161	1-247-903-00		1M	5%	1/4W		C404	1-136-173-00	FILM	0. 47	ıF	5%	50V
R162	1-249-428-11	CARBON	8. 2K	5%	1/4W		2000000						2220
							C411	1-124-907-11		10uF		20%	50V
R163	1-249-428-11	CARBON	8. 2K	5%	1/4W		C414	1-124-907-11		10uF		20%	50V
R164	1-247-903-00	CARBON	1M	5%	1/4W		C431	1-162-294-31	CERAMIC	0.001	uF	10%	50V
R165	1-247-903-00	CARBON	1M	5%	1/4W		2.16				E, EA,	MY, SP, HI	K, AUS)
R166	1-247-903-00	CARBON	1M	5%	1/4W		C432	1-124-903-11	ELECT 1uF	20% 50V	E, EA,	MY, SP, HI	K, AUS)
R167	1-249-417-11		1K	5%	1/4W		C433	1-162-282-31		100PF		10%	50V
					75							MY, SP, H	

The components identified by mark  $ilde{\Lambda}$  or dotted line with mark.  $\Lambda$  are critical for safety. Replace only with part number specified.

## PANEL

Ref. No	. Part No.	Descrip	tion	Re	emark	Ref. No.	Part No.	Descrip	tion	Remark
C434	1-162-282-31	CERAMIC		10% A, MY, SP, I	50V HK, AUS)	* CN504	1-568-828-11	SOCKET,	CONNECTOR 9P (E, EA,	MY, SP, HK, AUS)
C435	1-124-903-11	ELECT	1uF	20%	50V			< DIODE	> HOTEREAST DE CO	
C436	1-162-282-31	CERAMIC	(2, 2.	A, MY, SP, I 10%	50V	D501	8-719-987-63	DIODE	1N4148	
0430	1 102 202 31	CLIMITO		A, MY, SP, I		D502	8-719-200-82		11ES2	
C437	1-164-159-11	CERAMIC		ı, mı, oı , ı	50V	D505	8-719-987-63		1N4148M	
0107	1 104 105 11	OLIUMITO		A, MY, SP, I		D506	8-719-987-63		1N4148M	
C438	1-164-159-11	CERAMIC		1, MI, OI, I	50V	D507	8-719-987-63		1N4148M (E, EA, MY, S	P HK AUS)
0.100	T WAYL I SE	MI		A, MY, SP, I		2001	0 110 001 00	PTOPE	in it ion (b, bit, mi, c	, m, noo,
				86 213	, (100)	D531	8-719-046-44	LED SEL	5221S (ON/STANDBY)	
C439	1-162-282-31	CERAMIC	100PF	10%	50V	D532	8-719-046-70			
				A, MY, SP, H		D533			- William Commission and Commission	
C440	1-162-282-31	CERAMIC		10%	50V	D534	8-719-046-70			
			(E, E)	A, MY, SP, H		D535	8-719-046-70		and the second s	
C441	1-124-903-11	ELECT	1uF	20%	50V					
			(E, EA	A, MY, SP, H	HK, AUS)	D536	8-719-046-70	LED SEL	5620C (PHANTOM)	
C442	1-124-443-00	ELECT	100uF	20%	10V	D537	8-719-046-70	LED SEL	5620C (NORMAL)	
			(E, EA	MY, SP, H	łK, AUS)	D538	8-719-046-70			
C443	1-124-443-00	ELECT	100uF	20%	10V	D539	8-719-046-70	LED SEL	5620C (3CH LOGIC)	
			(E, E/	A, MY, SP, H	łk, aus)	D540	8-719-301-49	LED SEL	2810A (DSP)	
0.450	100 000 11	ADD LIVE	HOMES II	0.000	100	200				
C450	1-162-306-11			30%	16V	D541			2810A (DOLBY PROLOGI	
C451	1-136-157-00		0. 022uF	5%	50V	D542			5221S (SOURCE DIRECT	
C452			0. 068uF	5%	50V	D543			5221S (MUTING -20dB)	
C453	1-136-167-00		0. 15uF	5%	50V	D544	8-719-046-44	LED SEL	5221S (KARAOKE PON)	
C454	1-136-173-00	FILM	0. 47uF	5%	50V	D551	8-719-014-56	DIODE	(E, EA, UZP-5. 1B	MY, SP, HK, AUS)
C461	1-124-907-11	ELECT	10uF	20%	50V		7707	MI	17-11 CKRION	
C464				20%	50V			< IC >		
C501	1-164-159-11				50V			1007		
C502	1-126-177-11		100uF	20%	10V	IC1	8-759-281-71		74H000N	
C503	1-164-159-11				50V	IC2	8-759-281-71		74H000N	
							8-759-634-50		218AL	
C504	1-162-306-11	CERAMIC	0. 01uF	30%	16V	IC431	8-759-634-50		218AL (E, EA, MY, SP, H	K. AUS)
C505	1-162-306-11		0. 01uF	30%	16V	IC501	8-759-299-89		7471M4-469SP	A ON
C506	1-126-096-11	ELECT	10uF	20%	35V					
C507	1-162-306-11	CERAMIC	0. 01uF	30%	16V	IC502	8-759-165-80	IC PST	T600C-T	
C508	1-162-306-11	CERAMIC	0. 01uF	30%	16V	10503	8-759-917-43	IC SN	74HC138AN	
						IC504	8-749-920-83	IC GP1	IU52XB	
C509	1-162-306-11	CERAMIC	0. 01uF	30%	16V					
			(E, EA	, MY, SP, H	IK, AUS)			< TRANS	ISTOR >	
C510	1-162-286-21	CERAMIC	220PF	10%	50V					
C552	1-126-177-11	ELECT	100uF	20%	10V	Q1	8-729-900-36	TRANSIST	TOR DTC124ES	
C553	1-126-096-11	ELECT	10uF	20%	35V	Q2	8-729-900-36			
C554			0. 1uF		50V	Q501	8-729-620-05	TRANSIST	FOR 2SC2603-EF	
						Q531	8-729-900-63			
C555	1-164-159-11	CERAMIC	0. 1uF		50V	Q532	8-729-900-36			
		CONNEC	TOD \		1116	0522	0.720.000.20	TDANCICT	TOD DTC194FC	
		CONNEC	CTOR >		183	Q533	8-729-900-36			
+ CNEO1	1 500 020 11	COCVET	CONNECTOR 22D			Q534	8-729-900-36			
			CONNECTOR 23P			Q535	8-729-900-36			W OD HIL MO
			CONNECTOR 11P (AE	r, u, 11, U	K)	Q536			TOR DTC124ES (E, EA, I	MY, SP, HK, AUS)
* UN302	1-568-834-11	SUCKET,		MV CD II	K VIIC)	Q537	8-729-900-36	10151AN	OR DTC124ES	
* CNEOS	1-568-828-11	SOCKET		, MY, SP, H	n, AUS)	0520	8-729-900-36	TRANCICT	OD DTC194EC	
			CONNECTOR 5P (AEP	C IT UV	1	Q538 Q539	8-729-900-36			
			COMPLETON OF (AEP	, u, 11, UN	)	Q540	8-729-900-36			
						Q340	0 123 300-30	1010mm	OR DIGIZACS	



Ref. No.	Part No.	Description	Ligitalist Low I	Remark	Ref. No.	Part No.	Description			Rem	ark
Q541	8-729-900-36	TRANSISTOR	DTC124ES		R463	1-249-422-11	CARBON	2. 7K	5%	1/4W	8603
Q542	8-729-900-36	TRANSISTOR	DTC124ES		R501	1-249-429-11	CARBON	10K	5%	1/4W	
					R502	1-249-429-11		10K	5%	1/4W	
		< RESISTOR	>		R503	1-249-429-11		10K	5%	1/4W	
		NLD101011	Control of the Contro		R504						
D4	1 040 400 11	CADDON	10V FW 1.4	4111	n304	1-249-417-11		1K	5%	1/4W	
R1	1-249-429-11		10K 5% 1/4								
R2	1-249-437-11		47K 5% 1/4	1W	R505	1-249-441-11	CARBON	100K	5%	1/4W	
R3	1-247-887-00	CARBON	220K 5% 1/4	1W	R511	1-249-429-11	CARBON	10K	5%	1/4W	
R4	1-249-437-11	CARBON	47K 5% 1/4	1W	R512	1-249-431-11	CARBON	15K	5%	1/4W	
R5	1-249-429-11	CARBON	10K 5% 1/4	1W	R513	1-249-417-11	CARBON	1K	5%	1/4W	
					R514	1-249-418-11	CARBON	1. 2K	5%	1/4W	
R6	1-247-895-00	CARBON	470K 5% 1/4	1W				TANET		Managar	
R7	1-249-429-11	100000000000000000000000000000000000000	10K 5% 1/4		R515	1-249-418-11		1. 2K		1/4W	
R8	1-249-421-11				100					10000	
			The second secon		R516	1-249-419-11		1. 5K		1/4W	
R402	1-247-815-91		220 5% 1/4		R517	1-249-427-11		6. 8K		1/4W	
R403	1-249-423-11		3. 3K 5% 1/4	1W 1 108.	R518	1-249-423-11	CARBON	3. 3K	5%	1/4W	
									(E, EA	, MY, SP, HK	, AUS)
R404	1-249-417-11	CARBON	1K 5% 1/4	1W	R522	1-249-417-11	CARBON	1K	5%	1/4W	
R405	1-247-903-00	CARBON	1M 5% 1/4	1W							
R406	1-247-903-00	CARBON	1M 5% 1/4	1W	R523	1-249-417-11		1K	5%	1/4W	
R411	1-249-441-11		100K 5% 1/4		R531	1-249-411-11		330	5%	1/4W	
R412	1-249-429-11		10K 5% 1/4		R532	1-249-408-11			5%		
11412	1 243 423 11							180		1/4W	
D440	1 040 400 11				R533	1-249-408-11		180	5%	1/4W	
R413	1-249-422-11		2. 7K 5% 1/4		R534	1-249-411-11		330	5%	1/4W	
R431	1-249-441-11	CARBON	100K 5% 1/4	<b>1W</b> 8 ( E810 - )							
			(E, EA, MY, SP	P, HK, AUS)	R535	1-249-411-11	CARBON	330	5%	1/4W	
R432	1-249-417-11	CARBON	1K 5% 1/4	1W 8 3810	R536	1-249-411-11	CARBON	330	5%	1/4W	
			(E, EA, MY, SP	P, HK, AUS)	489				(E, EA	, MY, SP, HK	, AUS)
R433	1-249-441-11	CARBON	100K 5% 1/4	1W 0 97 10	R537	1-249-417-11	CARBON	1K	5%	1/4W	
			(E, EA, MY, SP	P. HK. AUS)	Value of the second	1-249-417-11		1K	5%	1/4W	
R434	1-249-441-11		100K 5% 1/4			1-249-417-11		1K		1/4W	
11101	1 210 111 11	OTHEON	(E, EA, MY, SP		11000	1 243 417 11	CAILDON	111	370	1/411	
			MOTE I RES	, III, A00/	DEAD	1 040 417 11	CADDON	11/	Fov	1 / 400	
DAGE	1 940 417 11			ıw		1-249-417-11		1K	5%	1/4W	
R435	1-249-417-11	CARBUN	1K 5% 1/4			1-249-425-11		4. 7K		1/4W	
			(E, EA, MY, SP		R542	1-249-417-11		1K	5%	1/4W	
R436	1-249-435-11	CARBON	33K 5% 1/4	WI - SAIR	R543	1-249-417-11	CARBON	1K	5%	1/4W	
			(E, EA, MY, SP	P, HK, AUS)	R544	1-249-417-11	CARBON	1K	5%	1/4W	
R437	1-249-441-11	CARBON	100K 5% 1/4	IW 1 18478							
			(E, EA, MY, SP	P. HK. AUS)	R545	1-249-425-11	CARBON	4. 7K	5%	1/4W	
R438	1-249-441-11	CARRON	100K 5% 1/4		R546	1-249-417-11		1K	5%	1/4W	
	1 210 111 11	OTHER OF	(E, EA, MY, SP		R547	1-249-417-11		1K	5%		
R439	1-249-441-11	CADDON			25.10					1/4W	
1433			100K 5% 1/4		R548	1-249-417-11			5%	1/4W	
			(E, EA, MY, SP		R552	1-247-815-91	CARBON	220	5%	1/4W	
	- HAVE - DY				2002/2002/20						
R440	1-247-807-31	CARBON	100 5% 1/4	W-1- 01-12	R553	1-247-815-91	CARBON	220	5%	1/4W	
			(E, EA, MY, SP	P, HK, AUS)	R554	1-249-429-11	CARBON	10K	5%	1/4W	
R441	1-247-807-31	CARBON	100 5% 1/4	W I I I I I I I I I I I I I I I I I I I							
			(E, EA, MY, SP	P. HK. AUS)			< VARIABLE RES	ISTOR	>		
R442	1-249-393-11		10 5% 1/4								
	Want		(E, EA, MY, SP		DVA01	1_222_010_11	DEC VAD CADD	ON 10V	/10V	(TDEDIE)	
DAES				en and a second second			RES, VAR, CARB				
R452	1-247-815-91		220 5% 1/4				RES, VAR, CARB				
R453	1-249-423-11		3. 3K 5% 1/4		RV431	1-223-816-11	RES, VAR, CARB				
VIII DA ANDRES	WAVE 28								(E, EA	, MY, SP, HK,	AUS)
R454	1-249-417-11	CARBON	1K 5% 1/4	W-C TEIN							
R455	1-247-903-00	CARBON	1M 5% 1/4				< SWITCH >				
R456	1-247-903-00		1M 5% 1/4								
R461	1-249-441-11		100K 5% 1/4		S501	1-554-303-21	SWITCH, TACTIL	F (QVC	TEM D	OWED)	
R462	1-249-429-11		CONTRACTOR CALLED		S502					OHLII)	
11-102	1 243 423 11	OTHED ON	10K 5% 1/4		3302	1 334-303-21	SWITCH, TACTIL	E (AUD	10)		

## PANEL SP



NEL	3P												
Ref. No.	Part No.	Description			Ren	ark	Ref. No.	Part No.	Description	J		R	emark
S503		SWITCH, TACTIL		)		EARS			< IC >				
S504	1-554-303-21	SWITCH, TACTIL	E (DSP)			HEN .							
S505	1-554-303-21	SWITCH, TACTIL	E (DOLBY	PROLO	GIC)	1000	IC181	8-759-140-53	IC uPD405	BBC			
S506		SWITCH, TACTIL				NEE .			< JACK >				
S507		SWITCH, TACTIL											
S508	1-554-303-21	SWITCH, TACTIL					* J801	1-764-389-11	Contractor of the contractor o				
			(E,	EA, MY	, SP, HK	, AUS)	J802	1-565-934-11					
						819H	J803	1-565-934-11	JACK, PIN 21	(VIDEO 11	N, MON	ITOR O	UT)
		< VIBRATOR >				Dieta .			< COIL >				
X501	1-579-125-11	VIBRATOR, CERA				2.154			COIL				
******	******	******	******	*****	*****	****	L181	1-408-405-00	INDUCTOR	4. 7ul			
						I full	L701	1-420-872-00	COIL, AIR-CO	ORE			
*	A-4377-000-A	SP BOARD, COMP	LETE (EX	9)		VIII .	L751	1-420-872-00	COIL, AIR-CO	ORE			
*	A-4377-017-A	SP BOARD, COMP	LETE (EX	10)		31	L801	1-420-872-00	COIL, AIR-CO	ORE (EX9)			
		******	****				L851	1-420-872-00	COIL, AIR-CO	ORE (EX9)			
		< CAPACITOR >				2279			< TRANSISTOR	> = 1 = 1			
		A				LYSH			h h	- MOTEST			
C180	1-124-443-00	ELECT	100uF	20%	10V	I Euri	Q181	8-729-620-05	TRANSISTOR	2SC2603-	EF		
C181	1-124-907-11	ELECT	10uF	20%	50V	200	Q182	8-729-620-05	TRANSISTOR	2SC2603-	EF		
C182	1-124-907-11	ELECT	10uF	20%	50V	ECEA	Q183	8-729-620-05	TRANSISTOR	2SC2603-	EF		
C183	1-124-907-11	ELECT	10uF	20%	50V	PERM	Q184	8-729-620-05	TRANSISTOR	2SC2603-	EF		
C184	1-126-941-11	ELECT	470uF	20%	16V		Q185	8-729-620-05	TRANSISTOR	2SC2603-	EF		
C185	1-126-941-11	ELECT	470uF	20%	16V	REST.	0186	8-729-620-05	TRANSISTOR	2SC2603-	EF		
C631	1-124-907-11		10uF	20%		(EX9)	Q631	8-729-620-05		2SC2603-		X9)	
C890	1-164-070-11		100PF	5%		EX10)	Q632	8-729-620-05		2SC2603-			
C891	1-136-153-00		0. 01uF	5%		(EX9)	0633	8-729-118-01		2SB1116-			
C892	1-136-153-00		0. 01uF	5%		(EX9)	Q634	8-729-118-01		2SB1116-			
C893	1-136-153-00	FILM	0. 01uF	5%	50V	(EX9)			< RESISTOR >	·			
C894	1-136-153-00		0. 01uF	5%		(EX9)			, industrial /				
C895	1-162-306-11		0. 01uF	30%	16V	(Ento)	R181	1-247-804-11	CARBON	75	5%	1/4W	
C896	1-162-306-11		0. 01uF	30%	16V	2951	R182	1-247-804-11		75	5%	1/4W	
C897	1-162-306-11		0. 01uF	30%	16V	5221	R183	1-247-815-91		220	5%	1/4W	
0037	1 102 500 11	CLIUMITO	o. orai	00%	101		R184	1-247-863-91		22K	5%	1/4W	
C898	1-162-306-11	CERAMIC	0. 01uF	30%	16V	1981	R185	1-249-429-11		10K	5%	1/4W	
C899	1-164-070-11		100PF	5%		EX10)		WALL AT			110	1000	
	THAT 20		maari :				R186	1-249-411-11	CARBON	330	5%	1/4W	
		< CONNECTOR >				15.72	R187	1-249-421-11		2. 2K		1/4W	
		Commediate				1077	R188	1-249-418-11		1. 2K		1/4W	
+ CN901		PLUG, CONNECTO					R189	1-249-417-11		1K	5%	1/4W	
		PLUG, CONNECTO				151	R190	1-247-815-91		220	5%	1/4W	
		PLUG, CONNECTOR				1	11130	1 247 013 31	UIMDUN	220	0.70	1/411	
		SOCKET, CONNECTOR					R191	1-247-804-11	CARBON	75	5%	1/4W	
		SOCKET, CONNEC					R192	1-247-804-11		75	5%	1/4W	
. 01034	1 300 040 11	BOUNET, CONNEC	TOIL OF (I	LAIU)			R193	1-249-413-11		470	5%	1/4W	
		< DIODE >				I I I I	R194	1-249-413-11		470	5%	1/4W	
		< DIODE >				tor in	R194	1-249-441-11		100K		1/4W	
D631	8-719-987-63					71.0							
D632	8-719-987-63						R196	1-249-441-11	CARBON	100K	5%	1/4W	
D633	8-719-987-63		and the second				R197	1-249-417-11		1K	5%	1/4W	
D634	8-719-987-63						R198	1-249-417-11		1K	5%	1/4W	
							R631	1-249-441-11		100K			(EX9)
							R632	1-249-441-11					(EX9)

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Ref. No.	Part No.	Description	n		Re	emark
R633	1-249-441-11	CARBON	100K	5%	1/4W	(EX9
R634	1-249-441-11	CARBON	100K	5%	1/4W	
R635	1-249-441-11		100K	5%	1/4W	Name and
R636	1-249-429-11		10K	5%		(EX9
R637	1-249-429-11		10K	5%	CA COLO	(EX9)
R638	1-260-096-11		560	5%	CONTROL OF THE PARTY OF	(EX9)
R639	1-260-096-11	or contraction of	560	5%		(EX9)
R640	1-260-096-11	The second secon	560	5%	1/2W	(EX9)
R641	1-260-096-11		560	5%	1/2W	(EX9
R720	1-260-076-11	CARBON	10	5%	1/2W	
R770	1-260-076-11	CARBON	10	5%	1/2W	
R820	1-260-076-11	CARBON	10	5%	1/2W	(FX9
R820	1-249-413-11	ALTONOMORPH CO.	470	5%	1/4W	
R870	1-260-076-11		10	5%	1/2W	
R870	1-249-413-11		470	5%	1/4W	N IX OCC CO
				0.0	1/ 111	Listo
R891	1-260-076-11		10	5%	1/2W	(EX9
R892	1-260-076-11	CARBON	10	5%	1/2W	(EX9
R893	1-249-393-11	CARBON	10	5%	1/4W	
R894	1-249-393-11	CARBON	10	5%	1/4W	
		< TERMINAL	>			
TM801	1-537-822-11	TERMINAL BO	ARD (SD) (F	RONT	CDEVKED	) (EV
	1-537-336-31			NUNI	SELANEN	) (LA
TM802	1-337-330-31			ED CE	NTED CD	CAVE
	********	(	REAR SPEAK			
	******	) ********	REAR SPEAK			
		) ********	REAR SPEAK			
	******	(*************************************	REAR SPEAK ******* BOARD *****			
****	1-654-782-11	((************************************	REAR SPEAK ******** BOARD *****	****	****	
******** * ^\CN904	1-654-782-11 1-526-794-11	TRANSFORMER *********  CONNECTOR OUTLET, AC	REAR SPEAK ******** BOARD *****  (AC OUTLET)	****	****	
******* * ^CN904 * CN911	1-526-794-11 1-564-507-11	TRANSFORMER *********  < CONNECTOR OUTLET, AC PLUG, CONNE	REAR SPEAK ********  BOARD *****  (AC OUTLET; CTOR 4P	***** ) (EX1	****	
^CN904 CN911	1-654-782-11 1-526-794-11 1-564-507-11 1-564-506-11	TRANSFORMER *********  < CONNECTOR  OUTLET, AC PLUG, CONNE PLUG, CONNE	REAR SPEAK ********  BOARD *****  (AC OUTLET; CTOR 4P CTOR 3P (E)	***** ) (EX1	****	
1. CN904 CN911 CN912 CN912	1-526-794-11 1-564-507-11	TRANSFORMER *********  < CONNECTOR  OUTLET, AC PLUG, CONNE PLUG, CONNE PLUG, CONNE	REAR SPEAK ********  BOARD *****  (AC OUTLET; CTOR 4P CTOR 3P (E) CTOR 5P (E)	***** ) (EX1 K10) K9)	******	***
********  *  ^\CN904  * CN911  * CN912  * CN912	1-526-794-11 1-526-794-11 1-564-507-11 1-564-506-11 1-564-508-11	TRANSFORMER *********  CONNECTOR OUTLET, AC PLUG, CONNE PLUG, CONNE PLUG, CONNE ***********************************	REAR SPEAK ********  BOARD ******  (AC OUTLET; CTOR 4P CTOR 3P (E) CTOR 5P (E) ***********	***** ) (EX1 K10) K9)	******	****
********  *  ^\CN904  * CN911  * CN912  * CN912	1-654-782-11 1-526-794-11 1-564-507-11 1-564-506-11 1-564-508-11 ***********************************	TRANSFORMER **********  < CONNECTOR  OUTLET, AC PLUG, CONNE PLUG, CONNE PLUG, CONNE **********  VOL BOARD ***********	(AC OUTLET; CTOR 4P CTOR 3P (EXCEPTION OF SEPTION OF SE	***** ) (EX1 K10) K9)	******	****
1. CN904 CN911 CN912 CN912	1-654-782-11 1-526-794-11 1-564-507-11 1-564-506-11 1-564-508-11 ***********************************	TRANSFORMER *********  < CONNECTOR  OUTLET, AC PLUG, CONNE PLUG, CONNE PLUG, CONNE ************  VOL BOARD ************************************	REAR SPEAK ********  BOARD *****  (AC OUTLET; CTOR 4P CTOR 3P (E) CTOR 5P (E) ***********  Allegical	***** ) (EX1 K10) K9)	******	****
1.CN904 CN911 CN912 CN912	1-526-794-11 1-526-794-11 1-564-507-11 1-564-506-11 1-564-508-11 ***********************************	TRANSFORMER *********  < CONNECTOR OUTLET, AC PLUG, CONNE PLUG, CONNE PLUG, CONNE **********  VOL BOARD *******  < CAPACITOR	REAR SPEAK ********  BOARD ******  (AC OUTLET; CTOR 4P CTOR 3P (E) CTOR 5P (E) ***********  Authorized by the second seco	) (EX1 X10) X9)	0)	****
1. CN904 CN911 CN912 CN912	1-526-794-11 1-526-794-11 1-564-507-11 1-564-506-11 1-564-508-11 ***********************************	TRANSFORMER *********  < CONNECTOR OUTLET, AC PLUG, CONNE PLUG, CONNE PLUG, CONNE *********  VOL BOARD *******  < CAPACITOR CERAMIC	REAR SPEAK ********  BOARD *****  (AC OUTLET; CTOR 4P CTOR 3P (E) CTOR 5P (E) *********  O. 1uf	) (EX1 X10) X9)	0)	****
ACN904 CN911 CN912 CN912 CN912	1-526-794-11 1-526-794-11 1-564-507-11 1-564-506-11 1-564-508-11 ***********************************	TRANSFORMER **********  < CONNECTOR OUTLET, AC PLUG, CONNE PLUG, CONNE PLUG, CONNE *********  VOL BOARD ******  < CAPACITOR CERAMIC  < CONNECTOR	REAR SPEAK ********  BOARD *****  (AC OUTLET, CTOR 4P CTOR 3P (E) CTOR 5P (E) *********  O. 1uF	) (EX1 X10) X9)	0)	****
ACN904 CN911 CN912 CN912 CN912	1-526-794-11 1-526-794-11 1-564-507-11 1-564-506-11 1-564-508-11 ***********************************	TRANSFORMER **********  < CONNECTOR OUTLET, AC PLUG, CONNE PLUG, CONNE PLUG, CONNE *********  VOL BOARD ******  < CAPACITOR CERAMIC  < CONNECTOR SOCKET, CON	REAR SPEAK *********  BOARD ******  (AC OUTLET, CTOR 4P CTOR 3P (E) CTOR 5P (E) *********  0. 1uf  NECTOR 17P	) (EX1 X10) X9)	0)	****
ACN904 CN911 CN912 CN912 CN912	1-526-794-11 1-526-794-11 1-564-507-11 1-564-506-11 1-564-508-11 ***********************************	TRANSFORMER **********  < CONNECTOR OUTLET, AC PLUG, CONNE PLUG, CONNE PLUG, CONNE *********  VOL BOARD ******  < CAPACITOR CERAMIC  < CONNECTOR	REAR SPEAK *********  BOARD ******  (AC OUTLET, CTOR 4P CTOR 3P (E) CTOR 5P (E) *********  0. 1uf  NECTOR 17P	) (EX1 X10) X9)	0)	****
ACN904 CN911 CN912 CN912 CN912	1-526-794-11 1-526-794-11 1-564-507-11 1-564-506-11 1-564-508-11 ***********************************	TRANSFORMER **********  < CONNECTOR OUTLET, AC PLUG, CONNE PLUG, CONNE PLUG, CONNE ********  VOL BOARD *****  < CAPACITOR CERAMIC  < CONNECTOR SOCKET, CONI < TRANSISTOR	REAR SPEAK *********  BOARD ******  (AC OUTLET, CTOR 4P CTOR 3P (E) CTOR 5P (E) *********  0. 1uf  NECTOR 17P	) (EX1 X10) X9)	0)	****
ACN904 CN911 CN912 CN912 CN912	1-526-794-11 1-526-794-11 1-564-507-11 1-564-506-11 1-564-508-11 ***********************************	TRANSFORMER ***********  < CONNECTOR OUTLET, AC PLUG, CONNE PLUG, CONNE PLUG, CONNE *********  VOL BOARD ******  < CAPACITOR CERAMIC  < CONNECTOR SOCKET, CONI < TRANSISTOR	REAR SPEAK ********  BOARD *****  (AC OUTLET; CTOR 4P CTOR 3P (E) CTOR 5P (E) ********  O. 1uf  > NECTOR 17P	(EX1 X10) (EX1 X10) (K9) ******	0)	****
ACN904 CN911 CN912 CN912 CN912 CN912	1-526-794-11 1-526-794-11 1-564-507-11 1-564-506-11 1-564-508-11 ***********************************	TRANSFORMER **********  < CONNECTOR OUTLET, AC PLUG, CONNE PLUG, CONNE PLUG, CONNE *********  VOL BOARD *****  < CAPACITOR CERAMIC  < CONNECTOR SOCKET, CONI  < TRANSISTOR TRANSISTOR TRANSISTOR	REAR SPEAK ********  BOARD ******  (AC OUTLET; CTOR 4P CTOR 3P (E) CTOR 5P (E) *********  O. 1uF  NECTOR 17P  R >  2SC3623A- 2SC3623A- 2SC3623A-	(EX1 (EX1 (EX1 (EX1 (EX1 (EX1 (EX1 (EX1	0)	****
1.CN904 CN911 CN912 CN912 CN912 CN912 CN401	1-526-794-11 1-526-794-11 1-564-507-11 1-564-506-11 1-564-508-11 ***********************************	TRANSFORMER **********  < CONNECTOR  OUTLET, AC PLUG, CONNE PLUG, CONNE PLUG, CONNE *********  VOL BOARD ******  < CAPACITOR  CERAMIC  < CONNECTOR  SOCKET, CONI  TRANSISTOR  TRANSISTOR  TRANSISTOR  TRANSISTOR  TRANSISTOR	REAR SPEAK ********  BOARD ******  (AC OUTLET; CTOR 4P CTOR 3P (E) CTOR 5P (E) *********  O. 1uF  NECTOR 17P  R >  2SC3623A- 2SC3623A- 2SC3623A- 2SC3623A-	LK LK LK LK	0)	****
ACN904 CN911 CN912	1-526-794-11 1-526-794-11 1-564-507-11 1-564-506-11 1-564-508-11 ***********************************	TRANSFORMER **********  CONNECTOR OUTLET, AC PLUG, CONNE PLUG, CONNE PLUG, CONNE ********  VOL BOARD *******  CERAMIC  CONNECTOR SOCKET, CONI TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR	REAR SPEAK ********  BOARD ******  (AC OUTLET; CTOR 4P CTOR 3P (E) CTOR 5P (E) *********  O. 1uF  NECTOR 17P  R >  2SC3623A- 2SC3623A- 2SC3623A-	LK LK LK LK LK LK	0)	****

Ref. No.	Part No.	Description			Ren	nark
Q225	8-729-141-30	TRANSISTOR	2SC3623A	-LK		
Q226	8-729-141-30	TRANSISTOR	2SC3623A	-I K		
Q227			2SC3623A			
Q228	8-729-141-30		2SC3623A			
		< RESISTOR >				
R421	1-249-427-11	CARBON	6. 8K	5%	1/4W	
R422	1-249-415-11			5%	1/4W	
R423	1-249-417-11	CARBON	1K	5%	1/4W	
R424	1-249-417-11	CARBON	1K	5%		
R425	1-249-426-11	CARBON	5. 6K	5%	1/4W	
R426	1-249-415-11	CARBON	680	5%	1/4W	
R427	1-249-417-11	CARBON	1K	5%		
R428	1-249-417-11		1K		1/4W	
R429	1-249-411-11	CARBON	330	5%	1/4W	
R471	1-249-427-11		6. 8K	5%	1/4W	
R472	1-249-415-11		680	5%	1/4W	
R473	1-249-417-11	CARBON	1K	5%		
R474	1-249-417-11	CARBON	1K	5%	1/4W	
R475	1-249-426-11	CARBON	5. 6K	5%	1/4W	
R476	1-249-415-11	CARBON	680	5%	1/4W	
R477	1-249-417-11	CARBON	1K	5%	1/4W	
R478	1-249-417-11	CARBON	1K	5%	1/4W	
R479	1-249-441-11	CARBON	100K	5%	1/4W	
		< VARIABLE RI	ESISTOR >			29

RV403 1-223-809-11 RES, VAR, CARBON 100KX4 (VOLUME) 

#### MISCELLANEOUS

9	1-751-216-52 LEAD (WITH CONNECTOR) (2 CORE) (EX10)
14	1-769-847-11 WIRE (FLAT TYPE) (5 CORE) (EX10)
14	1-769-881-11 WIRE (FLAT TYPE) (7 CORE) (EX9)
15	1-769-940-11 WIRE (FLAT TYPE) (11 CORE)
<u>18</u>	1-569-007-11 ADAPTER, CONVERSION 2P (E)
<u>19</u>	1-569-008-11 ADAPTER, CONVERSION 2P (EA, MY, SP)
<u>1</u> 20	1-770-019-11 ADAPTOR, CONVERSION PLUG 3P (HK)
61	1-769-914-11 WIRE (FLAT TYPE) (9 CORE)
65	1-769-846-11 WIRE (FLAT TYPE) (5 CORE) (AEP, UK, G, IT)
65	1-769-910-11 WIRE (FLAT TYPE) (9 CORE)
	(E, EA, MY, SP, HK, AUS)
66	1-765-326-11 WIRE (FLAT TYPE) (11 CORE) (AEP, UK, G, IT)
66	1-765-332-11 WIRE (FLAT TYPE) (15 CORE) (E. EA. MY, SP. HK, AUS)
	(L, LA, MI, SF, III, AUS)

1-773-038-11 WIRE (FLAT TYPE) (17 CORE) 1-773-183-11 WIRE (FLAT TYPE) (23 CORE) **↑**CN903 1-526-794-11 OUTLET, AC (AC OUTLET) (EX10) ⚠CN904 1-526-794-11 OUTLET, AC (AC OUTLET) (EX10)

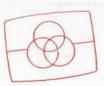
The components identified by mark A or dotted line with mark. ⚠ are critical for safety. Replace only with part number specified.

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Part No.	Description	Remark
1-558-943-41	CORD, POWER	(E)
1-575-651-21	CORD, POWER	(AEP, G, IT, EA, MY, SP, HK)
1-696-571-11	CORD, POWER	(UK)
1-696-845-11	CORD, POWER	(AUS)
1-698-209-11	MOTOR, DC FA	N (FAN MOTOR) (EX9)
1-427-702-11	TRANSFORMER,	
1-427-703-11	TRANSFORMER,	(EX10: E, EA, MY, SP, HK, AUS) POWER (EX10: AEP, UK, G, IT)
1-427-704-11	TRANSFORMER,	POWER
		(EX9: E, EA, MY, SP, HK, AUS)
1-427-705-11	TRANSFORMER,	POWER (EX9: AEP, UK, G, IT)
	1-558-943-41 1-575-651-21 1-696-571-11 1-696-845-11 1-698-209-11 1-427-702-11 1-427-703-11 1-427-704-11	Part No. Description  1-558-943-41 CORD, POWER 1-575-651-21 CORD, POWER 1-696-571-11 CORD, POWER 1-696-845-11 CORD, POWER 1-698-209-11 MOTOR, DC FA 1-427-702-11 TRANSFORMER, 1-427-703-11 TRANSFORMER, 1-427-704-11 TRANSFORMER, 1-427-705-11 TRANSFORMER,

HARDWARE LIST

#1	7-685-646-79	SCREW	+BVTP	3X8	TYPE2	V-S
#2	7-685-650-79	SCREW	+BVTP	3X16	TYPE2	IT-3
#3	7-685-871-01	SCREW	+BVTT	3X6	(S)	
#4	7-682-548-04	SCREW	+BVTT	3X8	(S)	



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

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