Service Manua

Active subwoofer

Speaker System

SB-AS500



Sufix for Model No.	Area.	Colour
(E)	Europe	(K)
(EB)	United Kingdom	

Specifications

■ SPEAKER SECTION

Type

Speaker

Woofer **Impedance**

Input power

Music 200 W DIN

Sound pressure level

Frequency response

MAMPLIFIER SECTION

Continuous power output 20-200 Hz (THD 1%)

Phase switching

1 way 2 speaker system

Bass-reflex type

14 cm cone type \times 2

100 W 83 dB/W (1.0 m)

38-410 Hz (-16 dB) 42-350 Hz (-10 dB)

100 W(1 Ω) NORMAL/REVERSE Input sensitivity/Impedance

Low pass filter

 $335 \text{ mV}/15 \text{ k}\Omega$ 50-200 Hz Variable

GENERAL

Power supply Power consumption AC 110-127 V/220-240 V, 50/60 Hz 40 W

Dimensions (W \times H \times D)

 $318.6 \times 382 \times 430 \text{ mm}$ 10.3 kg

Weight

Note:

Specifications are subject to change without notice.

Weight and dimensions are approximate.

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△ WARNING

This service information is designed for experienced repair technicians only and is not designed for use by the general public. It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product. Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

Technics

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Positioning the Speaker

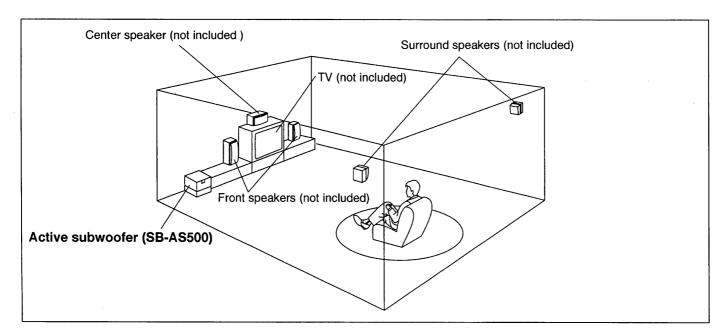
- The subwoofer can be placed in any position as long as it is at a reasonable distance from the TV.
- Do not place any object on top of this unit.

The diagram below shows the basic positioning of each speaker.

This speaker system is designed so as to be able to be used in close proximity to a TV, but irregular coloring may result due to how the system is placed. If such distortion occurs, turn off the TV for between 15 and 30 minutes. The TV's demagnetizing function will eliminate the distortion. If the irregular coloring is still visible, move the speaker further away from the TV.

Note:

Do not attach this speaker to walls or ceilings.



Accessories

 Monaural connection cable1pc. (RJL1P015B50)



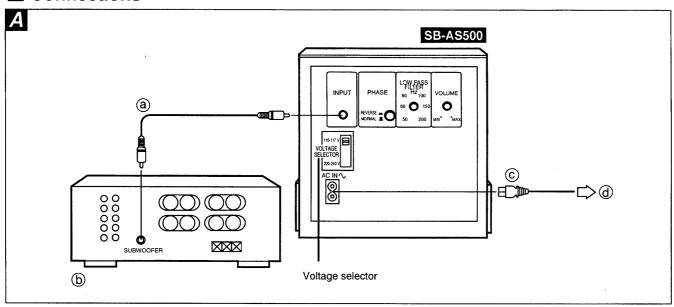
 AC power supply cord1pc. (RJA0019-2K:For E area)

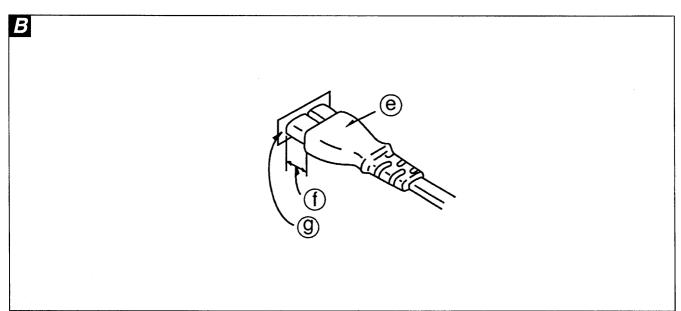


(RJA0049-2K:For EB area)



Connections





A

Α

Connecting to receiver (or amplifier)

Note:

- Can be connected to a receiver (or amplifier) with a pin cord type subwoofer terminal.
- Before making the connections, switch OFF the power to the receiver (or amplifier).
- (a) Monaural connection cable (included)
- (b) Receiver (or amplifier) (not included)

Power connections

Connect power supply cord after all other cables and cords are connected.

- © AC power supply cord (included)
- d To household AC outlet

Voltage selector

Use a flat-head screwdriver to turn the voltage selector on the rear panel to the appropriate position for the area in which this unit is used

Note

This unit will be seriously damaged if this setting is not made correctly.

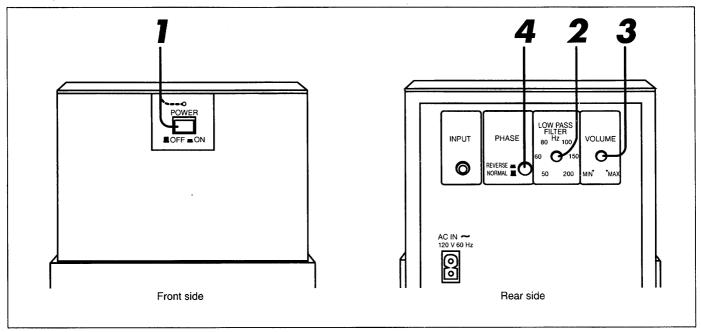
Insertion of Connector

Even when the connector is perfectly inserted, depending on the type of inlet used, the front part of the connector may jut out as shown in the drawing.

However there is no problem using the unit.

- - 3 -

Operation



Set the low pass filter, volume and phase to suit characteristics of the speaker and SB-AS500 combination.

1 Set power to the "- ON" position.

The unit is now in standby mode and the POWER indicator turns red.

When a signal is received, the unit turns ON automatically and the indicator turns green.

The unit automatically switches to standby if a signal is not received for approximately two (2) minutes.

- 2 Set LOW PASS FILTER to a suitable frequency, refer to "Frequency response by LOW PASS FILTER setting" on the opposite page.
- 3 Set VOLUME to a suitable level, refer to "Frequency response by VOLUME setting" on the opposite page.
- 4 After sampling some music, set PHASE to "— NORMAL" or "— REVERSE", whichever position allows playback to sound normal.

For your reference:

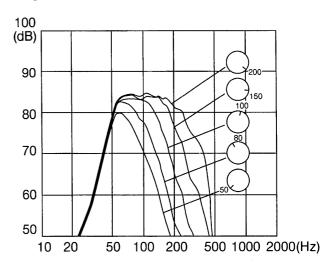
If subwoofer and front speaker phase are the inverse of one another, they will tend to rub each other out. Playback will not be normal and sounds will seem muffled.

When settings are complete

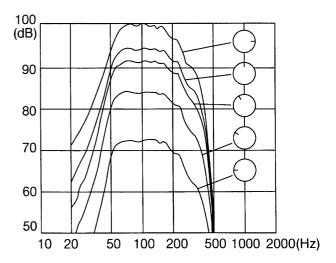
The only operation you should have to perform daily is press POWER to turn the unit ON/OFF.

If you reposition the system and the acoustics change, reset the unit as necessary.

Frequency response by LOW PASS FILTER setting

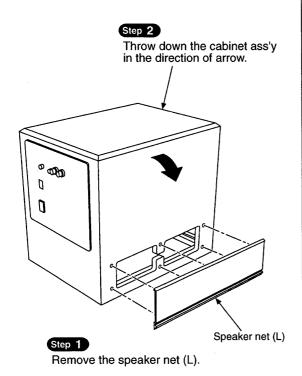


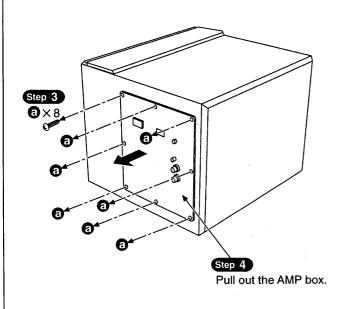
Frequency response by VOLUME setting

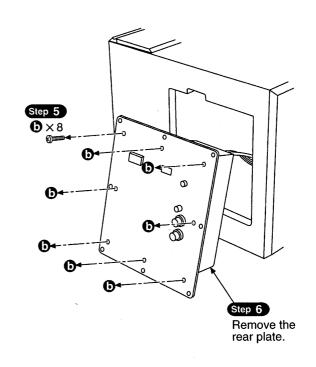


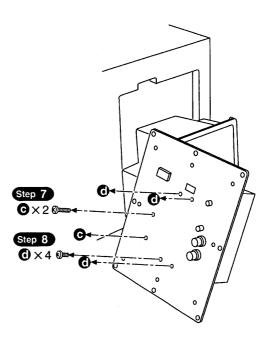
Operation Checks and Component Replacement Procedures

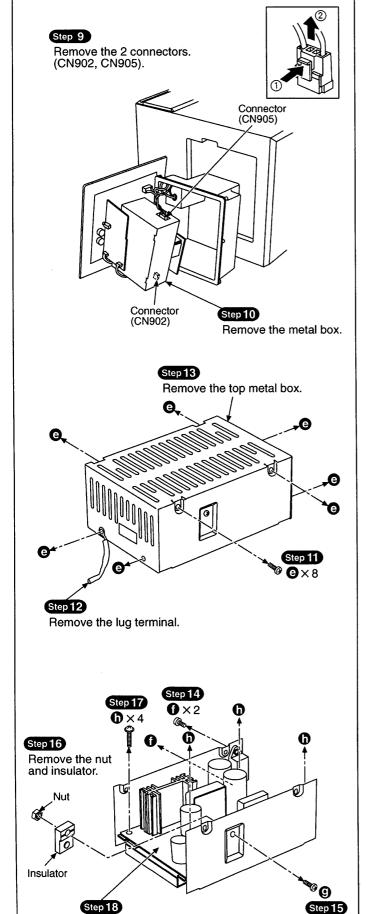
- NOTE 1. This section describes procedures for checking the operation of the major printed circuit boards and replacing the main components.
 - 2. For reassembly after operation checks or replacement, reverse the respective procedures. Special reassembly procedures are described only when required.
- 1. Checking for the control P.C.B., power P.C.B. and main P.C.B.



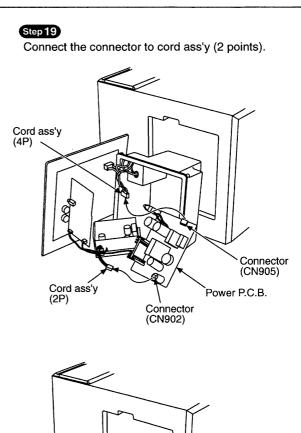


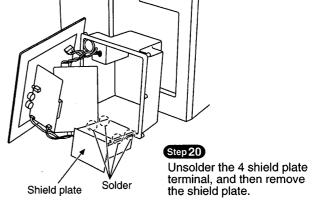




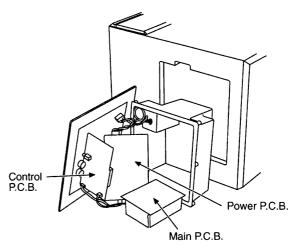


Remove the power P.C.B..





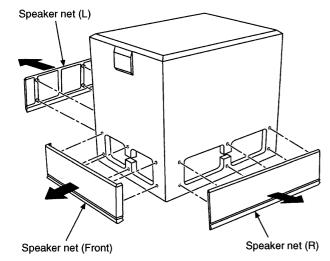
· Check the control P.C.B., power P.C.B. and main P.C.B..



2. Replacement for the speaker

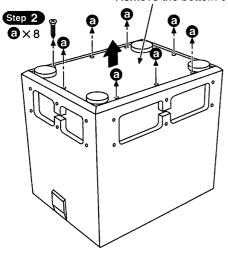
Step 1

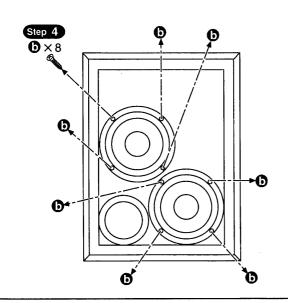
Remove the speaker net (L), speaker net (R) and speaker net (Front).

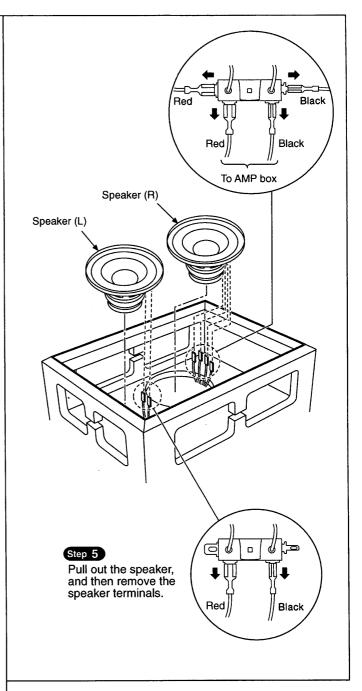


Step 3

Remove the bottom cover.

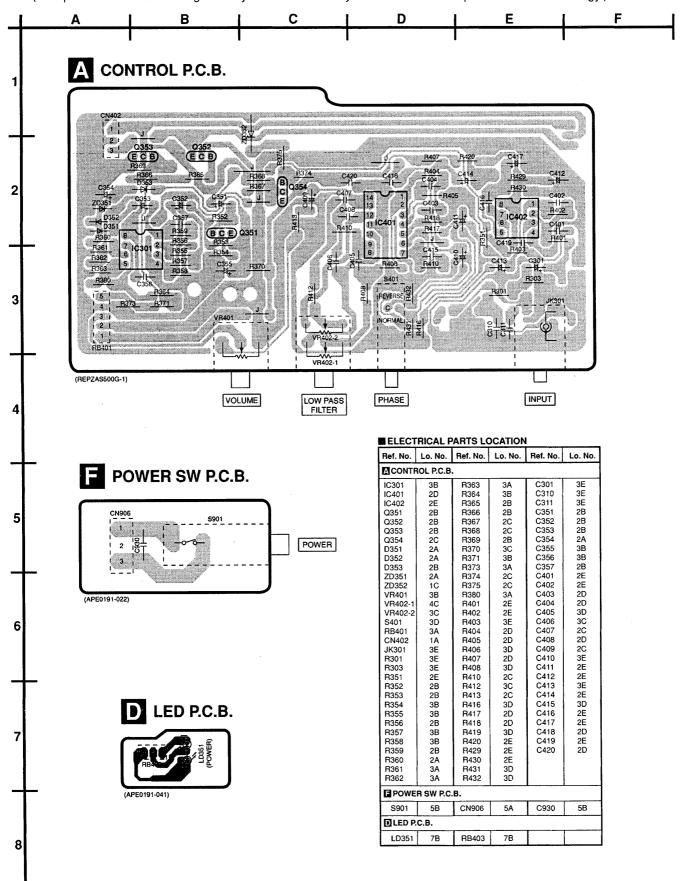


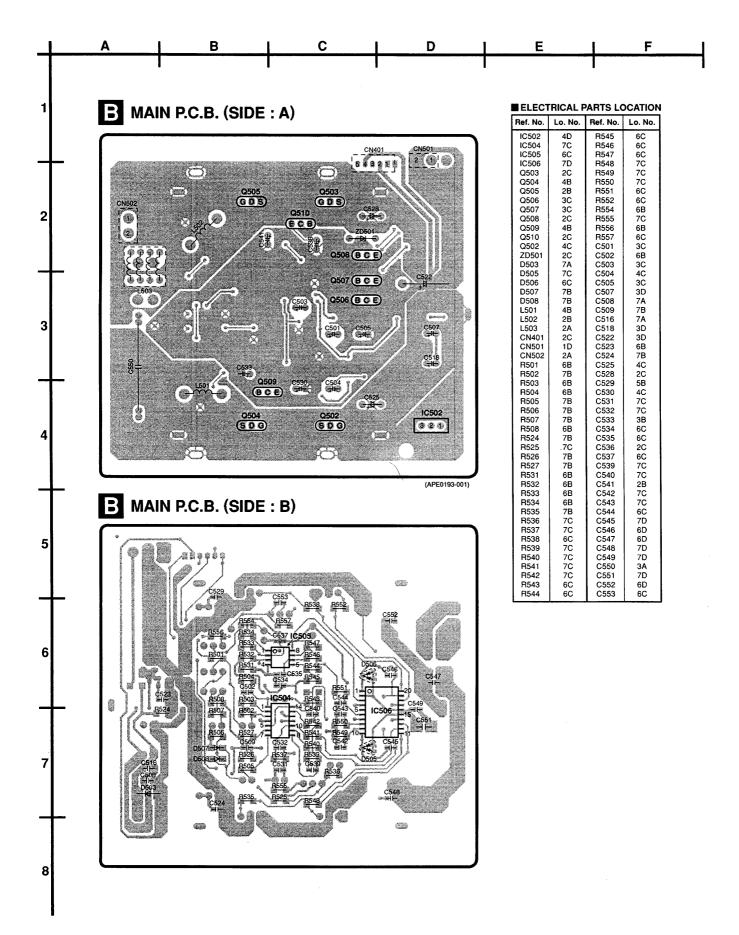


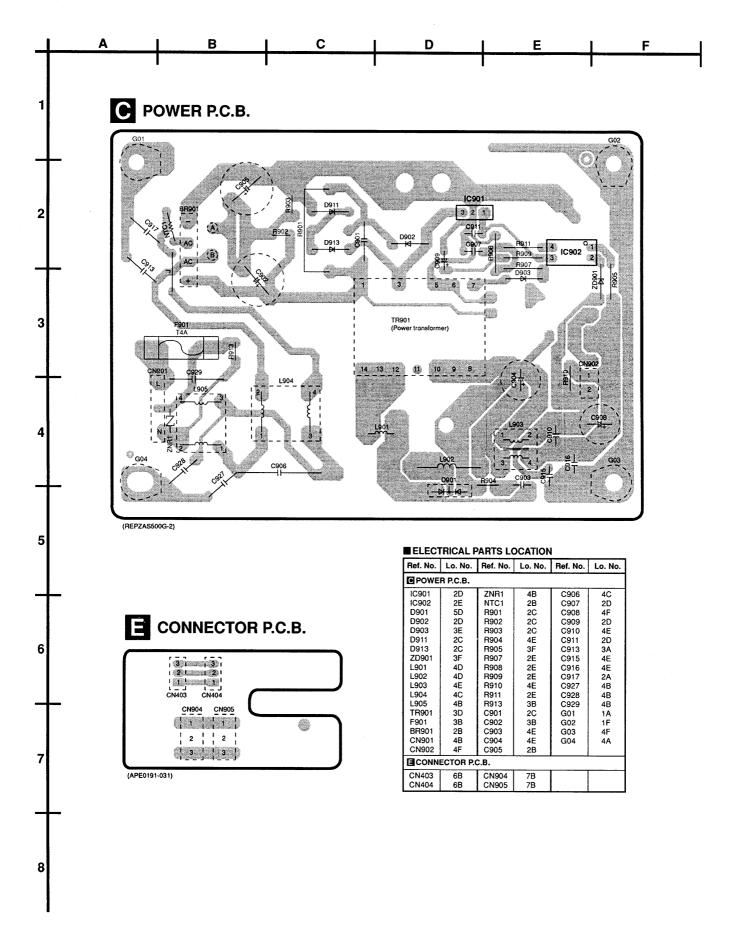


Printed Circuit Board Diagram

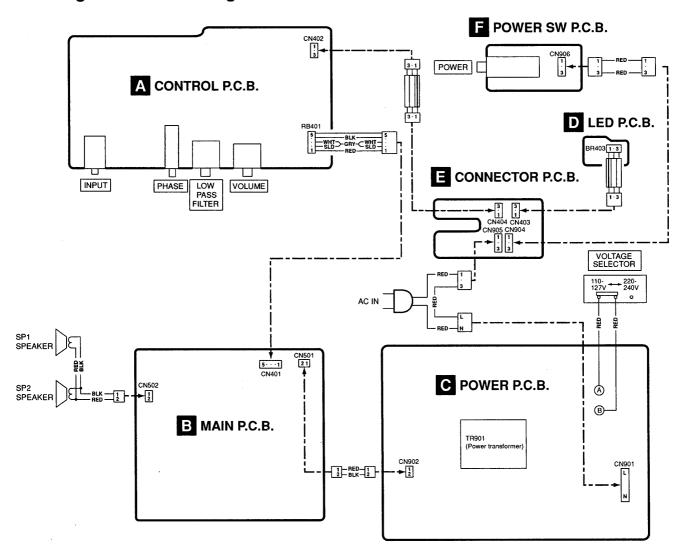
(This printed circuit board diagram may be modified at any time with the development of new technology.)







Wiring Connection Diagram



After Repair And Adjustment

After repairs are completed, restore power gradually using a variac, to avoid overcurrent.

Current consumption at 50Hz in NO SIGNAL mode should be shown below with respect to supply voltage 127/240V.

Voltage selector range	Supply voltage	Current consumption
110-127V	127V (50Hz)	about 104mA
220–240V	240V (50Hz)	about 87mA

Protection Circuitry

This unit incorporates speaker-protection circuits to prevent damage caused by excessive input or abnormal signals. When excess input is detected, the input is automatically interrupted.

If sound is interrupted...

1. Reduce the volume level from the receiver or amplifier.

Check whether or not there is anything wrong with the equip ment used such as the sound source, or connections.

NOTE:

- If there is nothing wrong, turn off the power.
- 3. Turn on the power once again.

■ After the protection circuitry is reset...

Take care not to increase the receiver's or amplifier's volume level too much.

Schematic Diagram

(This schematic diagram may be modified at any time with the development of new technology.)

Notes:

• S401 : PHASE selector switch in "NOM" position.

 $(NOM \leftrightarrow REV)$

• S901 : POWER switch in "OFF" position.

• VR401 : VOLUME adjustment.

• VR402 : LOW PASS FILTER adjustment.

Signal line

: POSITIVE VOLTAGE LINE: SOURCE SIGNAL LINE

• Important safety notice:

Components identified by \triangle mark have special characteristics important for safety. Furthermore, special parts which have purposes of fire-retardant (resistors), high-quality sound (capacitors), low-noise (resistors), etc. are used. When replacing any of components, be sure to use only manufacture's specified parts shown in the parts list.

Caution!

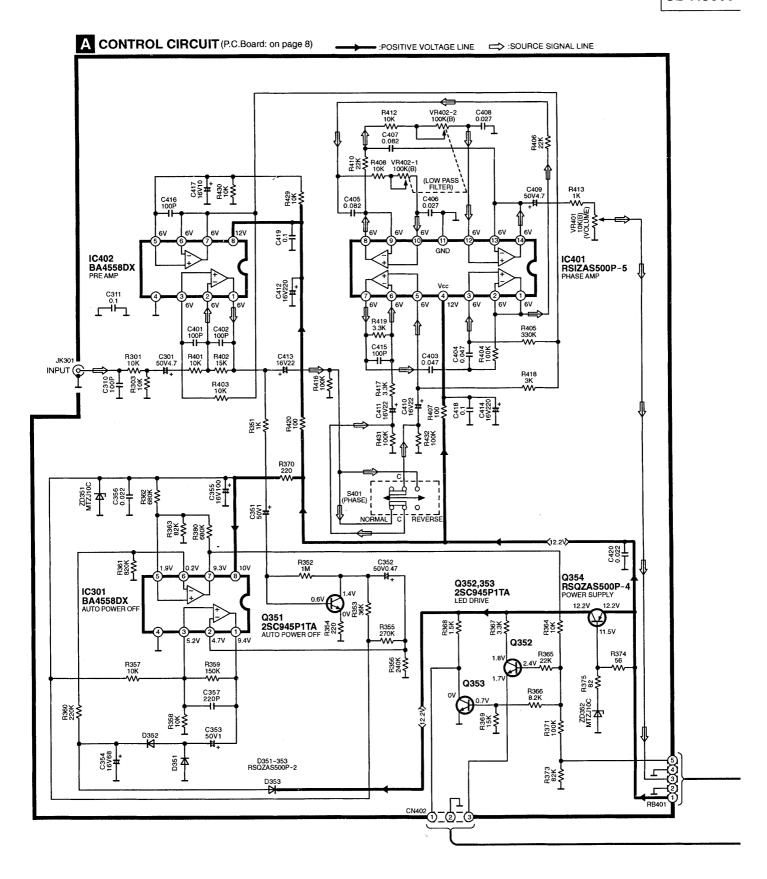
IC and LSI are sensitive to static electricity.

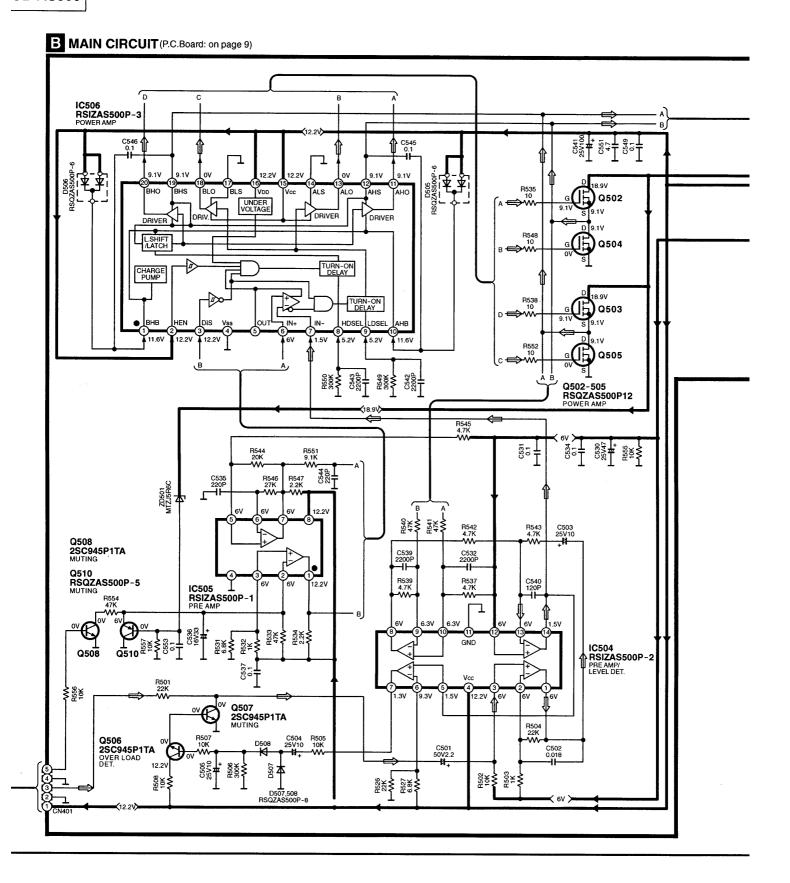
Secondary trouble can be prevented by taking care during repair.

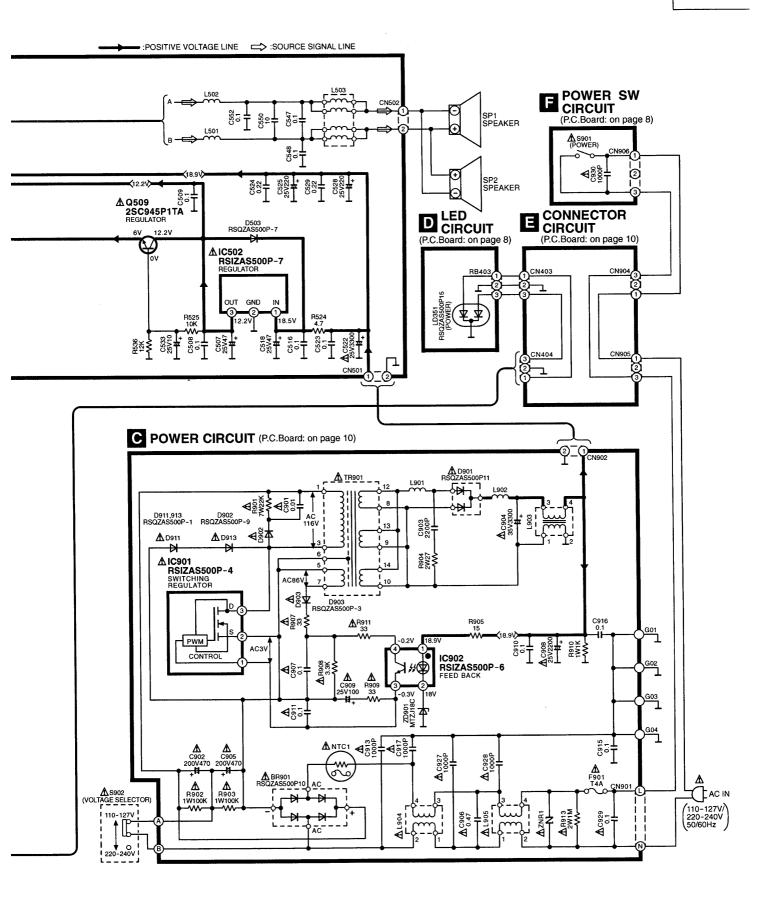
- Cover the parts boxes made of plastics with aluminum foil.
- Ground the soldering iron.
- Put a conductive mat on the work table.
- Do not touch the pins of IC or LSI with fingers directly.

Type Illustraiton of IC's, Transistors and Diodes

BA4558DX	RSIZAS500P-5	RSIZAS500P-1	RSIZAS500P-2	RSIZAS500P-3	RSIZAS500P-7
8 5 4	14	1 4 5	14	10	123
RSIZAS500P-4	RSIZAS500P-6	2SC945P1TA RSQZAS500P-4	RSQZAS500P12	RSQZAS500P15	RSQZAS500P10
123	4	RSQZAS500P-5	GD S	Anode A A A Ca	AC AC
RSQZAS500P-2 RSQZAS500P-3	MTZJ18C MTZJ10C	RSQZAS500P-6	RSQZAS500P-8	RSQZAS500P11	RSQZAS500P-9
Ca Cathode	MTZJ5R6C Ca Cathode	Cathode Anode Anode	Cathode Ca	Anode	Cathode Ca
RSQZAS500P-1	RSQZAS500P-7				
Ca Cathode Anode	Cathode Ca				







■ Replacement Parts List (Electrical)

Notes: *Important safety notice: Components identified by \triangle mark have special characteristics important for safety.

Furthermore, special parts which have purposes of fireretardant (resistors), high-quality sound (capacitors), low-noise (resistors), etc. are used.

When replacing any of components, be sure to use only manufacturer's specified parts shown in the parts

	list.					0803	RCOZNOSCOP-S		<u></u>	MESA
*	Canacity	values are	in miorofar	-04	s (uF) unless speci-	∆ C904	RCUZAS500P13	35V 3300U	1	MESA
	Capacity v	alues ale	III IIIICIOIAI	au	s (ur) unless speci-	▲ C905	RCUZAS500P-5	200V 470U	1	MESA
	fied others	vise, P=Pid	co-farads (рF), F=Farads (F)	∆ C906	RCUZAS500P16	250V 0. 47U	1	MESA
*	Resistanc	e values	are in oh	me	s, unless specified	∆ 0907	RCUZAS500P-2		1	MESA
									_	
	otnerwise,	1K=1,000	(ОНМ), 11	VI=	1,000k (OHM)	 C908	ECA1EM222	25V 2200U	1	MESA
*	The parts	indicated	"MESA" in	R	emarks column are	▼ C808	ECA1EM101	25V 100U	1	MESA
						C9 10	RCUZAS500P-2	63V 0. 1U	1	MESA
		DY IVIESA.	And other	рa	irts are supplied by	▲ 0911	RCUZAS500P-2	63V 0.1U	1	MESA
	MAES.					▲ C913	RCUZAS500P14	250V 1000P	1	MESA
						C915, 16	RCUZAS500P-2	63V 0. 1U	2	
						∆ C917	RCUZAS500P14		-	
								250V 1000P	1	ļ
						▲ C927, 28	RCUZAS500P14	250V 1000P	2	MESA
D.C.V.	Б			_		△ C929	RCUZAS500P15	250V 0. 1U	1	MESA
Ref. No.	Part No.	Part Name &	Description	Pcs	Remarks	№ C930	RCUZAS500P17	250V 1000P	1	MESA
BR901	RSQZAS500P10	DIODE		1	MESA	CN401	RJP5G18ZA	CONNECTOR (5P)	1	MESA
						CN402-04	SJT3319	CONNECTOR (3P)	3	
C301	ECEA1HKA4R7B	50V 4. 7		٦,	MESA				_	
C310	ECKT1H101KB	50V 100P		-		CN501, 02	RJP1A3202	CONNECTOR (2P)	2	MESA
				Ľ	MESA	CH901	RJP1A4204	CONNECTOR (2P)	1	MESA
C311	ECFR1H104ZF	50V 0. 1U		- 1	MESA	CN902	RJP1A5302	CONNECTOR (2P)	1	MESA
C351	ECEA1HKS010	50V 1U		1	MESA	CN904-06	RJP1A4103	CONNECTOR (3P)	3	MESA
C352	ECEA1HKAR478	50V 0. 47U	-	1	MESA				Г	
C353	ECEA1HKS010	50V 1U		1	MESA	D351-53	RSQZAS500P-2	DIODE	3	MECA
C354	RCEZAS500P-1	16V 68U		1	MESA	D503			_	MESA
G355	ECEA1CKS101	16V 100U		_			RSOZAS500P-7	DIODE	1	MESA
C356				1	MESA	D505, 06	RSQZAS500P-6		2	MESA
	ECKT1H223ZF	50V 0. 022U		\perp 1	MESA	D507, 08	RSQZAS500P-8	DIODE	2	MESA
0357	ECKT1H221KB	50V 220P		1	MESA	▲ D901	RSQZAS500P11	DIODE	1	MESA
C401, 02	ECKT1H101KB	50V 100P		2	MESA	▲ D902	RSQZAS500P-9	DIODE	1	MESA
C403, 04	ECQB1H473JF3	50V 0. 047U		2	MESA	△ D903	RSQZAS500P-3	DIODE	1	MESA
C405	ECQB1H823JF3	50V 0. 082U		1	MESA	▲ D911	RSQZAS500P-1	DIODE	i i	MESA
C408	ECQB1H273JZ	50V 0. 027U		1	MESA	△ D913	RSQZAS500P-1	DIODE	1	
C407	ECQB1H823JF3	50V 0. 082U		1	MESA	E 5010	NOUZNOSOF 1	DIODE	-	MESA
C408	ECOB1H273JZ	50V 0. 027U		-	MESA	A 5001	VD40040TDO	FILES AFOULTAL	-	
C409	ECEA1HKA4R7B	50V 4. 7U		-	MESA	<u> </u>	XBA2C40TB0	FUSE, 250V T4A	_1	MESA
C410, 11	ECEATOKS220	16V 22U		<u> </u>					L.	
C412	ECA1CM221			2	MESA	10301	BA4558DX	10	1	MESA
		16V 220U		1	MESA	10401	RS1ZAS500P-5	IC	1	MESA
C413	ECEA1CKS220	16V 22U		1	MESA	1C402	BA4558DX	10	1	MESA
C414	ECA1CM221	16V 220U		_1	MESA	▲ 1C502	RS1ZAS500P-7	10	1	MESA
C415, 16	ECKT1H101KB	50V 100P		2	MESA	10504	RS1ZAS500P-2	IC	1	MESA
G417 `	ECEA1CKS100	16V 10U		1	MESA	10505	RS1ZAS500P-1	10	1	MESA
C418, 19	ECFR1H104ZF	50V 0. 1U		2	MESA	10506	RS1ZAS500P-3	10	1	MESA
C420	ECKT1H223ZF	50V 0. 022U		1	MESA	△ 10901	RS1ZAS500P-4	10	1	
C501	RCUZAS500P11	50V 2. 2U		1	MESA	10902	RS1ZAS500P-6	IC	_	MESA
C502	ECUV1H183KBN	50V 0. 018U		1	MESA	10002	NO12NO300F-0	10	_1	MESA
	RCUZAS500P-7	25V 10U								L
C507	RCUZAS500P10	25V 47U		3	MESA	JK301	RJJZAS500P-2	JACK, INPUT	_1	MESA
				_1	MESA					<u>i</u>
C508, 09	ECUV1H104ZFN	50V 0.1U		2	MESA	L501, 02	RLQZAS500P-5	COIL	2	MESA
C516	ECUV1H104ZFN	50V 0.1U		_1	MESA	L503	RLQZAS500P-1	COIL	1	MESA
C518	RCUZAS500P10	25V 47U		_1	MESA	L901	RLQZAS500P-3	COIL	1	MESA
∆ 0522	ECA1EM332	25V 3300U		_1	MESA	L902	RLQZAS500P-2	COIL	1	MESA
0523	ECUV1H104ZFN	50V 0. 1U		1	MESA	L903		COIL	1	MESA
C524	ECUV1H224ZFM	50V 0. 22U		1	MESA	 ∆L904	RLFZAS500P-1		- 1	MESA
C525	RCUZAS500P-9	25V 220U		1	MESA	<u>∧</u> L905		COIL	+	
		25V 220U		1	MESA	27.500	NEMEROSCOP 1	OOIL	-4	MESA
C529	ECUV1H224ZFM	50V 0. 22U		i	MESA	LD351	RSQZAS500P15		_	
C530	RCUZAS500P10			-		CD351	KSUZASSUP1S	LED	_'	MESA
C531	ECUV1H104ZFN	50V 0.1U			MESA	Auro	0007107			
	ECUV1H222ZFN				MESA	▲NTC1	RSQZAS500P14	FUSE RESISTOR	1	MESA
	RCUZAS500P-7			_1	MESA					
		25V 10U		_1	MESA	Q351-53	2SC3311AR	TRANSISTOR	3	MESA
	ECUV1H104ZFN	50V 0.1U		_1	MESA	Q354	RSQZAS500P-4	TRANSISTOR	1	MESA
0535	ECUV1H221KV	50V 220P		_1	MESA	Q502-05	RSQZAS500P12	TRANSISTOR	4	MESA
	RCUZAS500P-6	16V 33U		1	MESA	Q506-08	2SC3311AR	TRANSISTOR	3	MESA
C537	ECUV1H104ZFN	50V 0.1U		1	MESA	∆ 0509	2SC3311AR	TRANSISTOR	ᆌ	MESA
C539	ECUV1H222ZFN	50V 2200P		1	MESA	Q510	RSQZAS500P-5		╣	
				┪			Julinooor 3	TOTO TOTO	'	MESA
								<u></u>		

C540

C541

C544

C542, 43

ECUV1H121KV 50V

RCUZAS500P-8 25V

ECUV1H222ZFN 50V

ECUV1H221KV 50V

C545-49 ECUV1H104ZFN 50V

	0010 10	LOOVIIIIOAZEN	304 0.10	1 3	MESA
	C550	RCUZAS500P-4	100V 10U	1	MESA
,	C551	RCUZAS500P-1	6V 4. 7U	1	MESA
	0552, 53	ECUV1H104ZFN			
				2	
•	△ C901	RCUZAS500P12		1	MESA
	▲ C902	RCUZAS500P-5	200V 470U	1	MESA
•	C903	RCUZAS500P-3	100V 2200P	1	MESA
	∆ C904	RCUZAS500P13		+	
					MESA
	<u> </u>	RCUZAS500P-5		1	MESA
	 С906	RCUZAS500P16	250V 0. 47U	1	MESA
1	∆ C907	RCUZAS500P-2	63V 0. 1U	1	MESA
•					
	 C908	ECA1EM222	25V 2200U	1	MESA
	 ♥ C909	ECA1EM101	25V 100U	1	MESA
,	C910	RCUZAS500P-2	63V 0. 1U	1	MESA
•	∆ C911	RCUZAS500P-2		1	
				-	MESA
	△ C913	RCUZAS500P14		_1	MESA
	C915, 16	RCUZAS500P-2	63V 0. 1U	2	MESA
	∆ C917	RCUZAS500P14	250V 1000P	1	MESA
	▲ C927, 28	RCUZAS500P14		2	
					MESA
_	∆ C929	RCUZAS500P15		1	MESA
J	⚠ C930	RCUZAS500P17	250V 1000P	1	MESA
1				Г	
1	CN401	RJP5G18ZA	CONNECTOR (SD)	-	Mac
4			CONNECTOR (5P)	1	MESA
4	CN402-04	SJT3319	CONNECTOR (3P)	3	MESA
1	CN501, 02	RJP1A3202	CONNECTOR (2P)	2	MESA
1	CH901	RJP1A4204	CONNECTOR (2P)	1	
1				_	MESA
4	CN902	RJP1A5302	CONNECTOR (2P)	1	MESA
J	CN904-06	RJP1A4103	CONNECTOR (3P)	3	MESA
1				Г	
1	D351-53	PS07ASECOD. C	DIODE	-	HEQ.
4		RSQZAS500P-2		3	MESA
⅃	D503	RSQZAS500P-7	DIODE	1	MESA
1	D505, 06	RSQZAS500P-6	DIODE	2	MESA
1	D507, 08	RSQZAS500P-8		2	
1					MESA
4	△D901		DIODE	1	MESA
_	▲ D902	RSQZAS500P-9	DIODE	1	MESA
7	△ D903	RSQZAS500P-3	DIODE	1	MESA
1				_	
4	<u> </u>	RSQZAS500P-1	DIODE	_1	MESA
_	△ D913	RSQZAS500P-1	DIODE	1	MESA
1	L				
1		XBA2C40TB0	FUSE 250V T4A	1	MESA
	 △ F901	XBA2C40TB0	FUSE, 250V T4A	1	MESA
	F901 1€301	XBA2C4OTBO BA4558DX	FUSE, 250V T4A	1	MESA MESA
				1	MESA
	1C301 1C401	BA4558DX RS1ZAS500P-5	10	1	MESA MESA
	1C301 1C401 1C402	BA4558DX RS1ZAS500P-5 BA4558DX	10 10	1 1	MESA MESA MESA
	IC301 IC401 IC402	BA4558DX RS1ZAS500P-5	10	1	MESA MESA
	1C301 1C401 1C402	BA4558DX RS1ZAS500P-5 BA4558DX	10 10	1 1	MESA MESA MESA
	10301 10401 10402 	BA4558DX RS1ZAS500P-5 BA4558DX RS1ZAS500P-7 RS1ZAS500P-2	10 10 10 10 10	1 1 1 1	MESA MESA MESA MESA MESA
	1C301 1C401 1C402 ▲ 1C502 1C504	BA4558DX RS1ZAS500P-5 BA4558DX RS1ZAS500P-7 RS1ZAS500P-7 RS1ZAS500P-2 RS1ZAS500P-1	10 10 10 10 10	1 1 1 1 1	MESA MESA MESA MESA MESA MESA
	1C301 1C401 1C402 ▲ 1C502 1C504 1C505	BA4558DX RS1ZAS500P-5 BA4558DX RS1ZAS500P-7 RS1ZAS500P-7 RS1ZAS500P-1 RS1ZAS500P-1 RS1ZAS500P-3	10 10 10 10 10 10 10	1 1 1 1	MESA MESA MESA MESA MESA
	1C301 1C401 1C402 ▲ 1C502 1C504	BA4558DX RS1ZAS500P-5 BA4558DX RS1ZAS500P-7 RS1ZAS500P-7 RS1ZAS500P-2 RS1ZAS500P-1	10 10 10 10 10	1 1 1 1 1	MESA MESA MESA MESA MESA MESA
	1C301 1C401 1C402 ▲ 1C502 1C504 1C505	BA4558DX RS1ZAS500P-5 BA4558DX RS1ZAS500P-7 RS1ZAS500P-2 RS1ZAS500P-1 RS1ZAS500P-3 RS1ZAS500P-4	10 10 10 10 10 10 10 10	1 1 1 1 1 1	MESA MESA MESA MESA MESA MESA MESA MESA
	10301 10401 10402 ▲ 10502 10504 10505 10506 ▲ 10901	BA4558DX RS1ZAS500P-5 BA4558DX RS1ZAS500P-7 RS1ZAS500P-7 RS1ZAS500P-1 RS1ZAS500P-1 RS1ZAS500P-3	10 10 10 10 10 10 10	1 1 1 1 1	MESA MESA MESA MESA MESA MESA MESA MESA
	10301 10401 10402 ▲ 10502 10504 10505 10508 ▲ 10901 10902	BA4558DX RS1ZAS500P-5 BA4558DX RS1ZAS500P-7 RS1ZAS500P-1 RS1ZAS500P-1 RS1ZAS500P-4 RS1ZAS500P-6	10 10 10 10 10 10 10 10 10	1 1 1 1 1 1 1 1	MESA MESA MESA MESA MESA MESA MESA MESA
	10301 10401 10402 ▲ 10502 10504 10505 10506 ▲ 10901	BA4558DX RS1ZAS500P-5 BA4558DX RS1ZAS500P-7 RS1ZAS500P-2 RS1ZAS500P-1 RS1ZAS500P-3 RS1ZAS500P-4	10 10 10 10 10 10 10 10 10	1 1 1 1 1 1	MESA MESA MESA MESA MESA MESA MESA MESA
	10301 10401 10402 ▲ 10502 10504 10505 10508 ▲ 10901 10902	BA4558DX RS1ZAS500P-5 BA4558DX RS1ZAS500P-7 RS1ZAS500P-1 RS1ZAS500P-1 RS1ZAS500P-4 RS1ZAS500P-6	10 10 10 10 10 10 10 10 10	1 1 1 1 1 1 1 1	MESA MESA MESA MESA MESA MESA MESA MESA
	10301 10401 10402 ▲ 10502 10504 10505 10508 ▲ 10901 10902	BA4558DX RS1ZAS500P-5 BA4558DX RS1ZAS500P-2 RS1ZAS500P-2 RS1ZAS500P-1 RS1ZAS500P-4 RS1ZAS500P-6 RS1ZAS500P-6	IC I	1 1 1 1 1 1 1 1 1	MESA MESA MESA MESA MESA MESA MESA MESA
	10301 10401 10402 ▲ 10502 10504 10505 10506 ▲ 10901 10902 JK301	BA4558DX RSI ZAS500P-5 BA4558DX RSI ZAS500P-7 RSI ZAS500P-1 RSI ZAS500P-3 RSI ZAS500P-4 RSI ZAS500P-6 RJJZAS500P-2 RJZAS500P-2	10 10 10 10 10 10 10 10 10 10 10 10 10 1	1 1 1 1 1 1 1 1 1 1 2 2	MESA MESA MESA MESA MESA MESA MESA MESA
	10301 10401 10402 ▲ 10502 10504 10505 10506 ▲ 10901 10902 JK301	BA4558DX RSIZAS500P-5 BA4558DX RSIZAS500P-7 RSIZAS500P-1 RSIZAS500P-3 RSIZAS500P-4 RSIZAS500P-6 RJJZAS500P-2 RLGZAS500P-5 RLGZAS500P-1	10 10 10 10 10 10 10 10 10 10 10 10 10 1	11 11 11 11 11 11 11 11 11 11 11 11 11	MESA MESA MESA MESA MESA MESA MESA MESA
	10301 10401 10402 ▲ 10502 10504 10505 10506 ▲ 10901 10902 JK301	BA4558DX RSI ZAS500P-5 BA4558DX RSI ZAS500P-7 RSI ZAS500P-1 RSI ZAS500P-3 RSI ZAS500P-4 RSI ZAS500P-6 RJJZAS500P-2 RJZAS500P-2	10 10 10 10 10 10 10 10 10 10 10 10 10 1	1 1 1 1 1 1 1 1 1 2 2	MESA MESA MESA MESA MESA MESA MESA MESA
	10301 10401 10402 ▲ 10502 10504 10505 10506 ▲ 10901 10902 JK301	BA4558DX RSIZAS500P-5 BA4558DX RSIZAS500P-7 RSIZAS500P-1 RSIZAS500P-3 RSIZAS500P-4 RSIZAS500P-6 RJJZAS500P-2 RLGZAS500P-5 RLGZAS500P-1	10 10 10 10 10 10 10 10 10 10 10 10 10 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	MESA MESA MESA MESA MESA MESA MESA MESA
	10301 10401 10402 ▲ 10502 10504 10505 10506 ▲ 10901 10902 JK301 L501, 02 L503 L901	BA4558DX RSI ZAS500P-5 BA4558DX RSI ZAS500P-2 RSI ZAS500P-2 RSI ZAS500P-4 RSI ZAS500P-6 RJJZAS500P-6 RJJZAS500P-2 RLQZAS500P-1 RLQZAS500P-1 RLQZAS500P-3 RLQZAS500P-2	IC	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	MESA MESA MESA MESA MESA MESA MESA MESA
	IC301 IC401 IC402	BA4558DX RSI ZAS500P-5 BA4558DX RSI ZAS500P-7 RSI ZAS500P-1 RSI ZAS500P-3 RSI ZAS500P-4 RSI ZAS500P-6 RJJZAS500P-6 RJJZAS500P-5 RLQZAS500P-5 RLQZAS500P-3 RLQZAS500P-3 RLQZAS500P-3 RLQZAS500P-3 RLQZAS500P-2 RLQZAS500P-2	10	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	MESA MESA MESA MESA MESA MESA MESA MESA
	10301 10401 10402 ▲ 10502 10504 10505 10508 ▲ 10901 10902 JK301 L501, 02 L503 L901 L902 L903 L904	BA4558DX RSI ZAS500P-5 BA4558D7 RSI ZAS500P-7 RSI ZAS500P-1 RSI ZAS500P-3 RSI ZAS500P-6 RSI ZAS500P-6 RUJZAS500P-7 RL QZAS500P-1 RL QZAS500P-1 RL QZAS500P-2 RL QZAS500P-2 RL QZAS500P-2 RL QZAS500P-2 RL QZAS500P-1 RL QZAS500P-2 RL QZAS500P-1	IC	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	MESA MESA MESA MESA MESA MESA MESA MESA
	IC301 IC401 IC402	BA4558DX RSI ZAS500P-5 BA4558DX RSI ZAS500P-7 RSI ZAS500P-1 RSI ZAS500P-3 RSI ZAS500P-4 RSI ZAS500P-6 RJJZAS500P-6 RJJZAS500P-5 RLQZAS500P-5 RLQZAS500P-3 RLQZAS500P-3 RLQZAS500P-3 RLQZAS500P-3 RLQZAS500P-2 RLQZAS500P-2	10	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	MESA MESA MESA MESA MESA MESA MESA MESA
	10301 10401 10402 ▲ 10502 10504 10505 10508 ▲ 10901 10902 JK301 L501, 02 L503 L901 L902 L903 L904	BA4558DX RSI ZAS500P-5 BA4558D7 RSI ZAS500P-7 RSI ZAS500P-1 RSI ZAS500P-3 RSI ZAS500P-6 RSI ZAS500P-6 RUJZAS500P-7 RL QZAS500P-1 RL QZAS500P-1 RL QZAS500P-2 RL QZAS500P-2 RL QZAS500P-2 RL QZAS500P-2 RL QZAS500P-1 RL QZAS500P-2 RL QZAS500P-1	10 10 10 10 10 10 10 10 10 10 10 10 10 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	MESA MESA MESA MESA MESA MESA MESA MESA
	IC301 IC401 IC402	BA4558DX RSIZAS500P-5 BA4558DX RSIZAS500P-7 RSIZAS500P-2 RSIZAS500P-4 RSIZAS500P-6 RJJZAS500P-2 RLGZAS500P-1 RLGZAS500P-1 RLGZAS500P-3 RLGZAS500P-3 RLGZAS500P-1 RLGZAS500P-1 RLGZAS500P-1 RLGZAS500P-1 RLGZAS500P-1 RLGZAS500P-1	10 10 10 10 10 10 10 10 10 10 10 10 10 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	MESA MESA MESA MESA MESA MESA MESA MESA
	IC301 IC401 IC402	BA4558DX RSIZAS500P-5 BA4558DX RSIZAS500P-7 RSIZAS500P-2 RSIZAS500P-3 RSIZAS500P-6 RJJZAS500P-2 RLQZAS500P-5 RLQZAS500P-1 RLQZAS500P-3 RLQZAS500P-1 RLQZAS500P-1 RLQZAS500P-1 RLGZAS500P-1 RLGZAS500P-1 RLGZAS500P-1 RLGZAS500P-1	10 10 10 10 10 10 10 10 10 10 10 10 10 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	MESA MESA MESA MESA MESA MESA MESA MESA
	IC301 IC401 IC402	BA4558DX RSIZAS500P-5 BA4558DX RSIZAS500P-7 RSIZAS500P-2 RSIZAS500P-4 RSIZAS500P-6 RJJZAS500P-2 RLGZAS500P-1 RLGZAS500P-1 RLGZAS500P-3 RLGZAS500P-3 RLGZAS500P-1 RLGZAS500P-1 RLGZAS500P-1 RLGZAS500P-1 RLGZAS500P-1 RLGZAS500P-1	10 10 10 10 10 10 10 10 10 10 10 10 10 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	MESA MESA MESA MESA MESA MESA MESA MESA
	IG301 IG401 IG402 ▲ IG502 IG504 IG505 IG506 ▲ IG901 IG902 JK301 L501, 02 L503 L901 L902 L903 ▲ L905	BA4558DX RSIZAS500P-5 BA4558DX RSIZAS500P-7 RSIZAS500P-7 RSIZAS500P-1 RSIZAS500P-6 RJJZAS500P-6 RJJZAS500P-7 RLQZAS500P-1 RLQZAS500P-3 RLQZAS500P-1 RLMZAS500P-1 RLMZAS500P-1 RLMZAS500P-1 RRLMZAS500P-1 RLMZAS500P-1	10 10 10 10 10 10 10 10 10 10 10 10 10 1	11 11 11 11 11 11 11 11 11 11 11 11 11	MESA MESA MESA MESA MESA MESA MESA MESA
	IG301 IG401 IG402 ▲ IG502 IG504 IG505 IG506 ▲ IG901 IG902 JK301 L501, 02 L503 L901 L902 L903 ▲ L905	BA4558DX RSIZAS500P-5 BA4558DX RSIZAS500P-7 RSIZAS500P-7 RSIZAS500P-1 RSIZAS500P-6 RJJZAS500P-6 RJJZAS500P-7 RLQZAS500P-1 RLQZAS500P-3 RLQZAS500P-1 RLMZAS500P-1 RLMZAS500P-1 RLMZAS500P-1 RRLMZAS500P-1 RLMZAS500P-1	10	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	MESA MESA MESA MESA MESA MESA MESA MESA
	IC301 IC401 IC402 IC502 IC504 IC505 IC508 IC508 IC509 IC5	BA4558DX RSI ZAS500P-5 BA4558D7 RSI ZAS500P-7 RSI ZAS500P-1 RSI ZAS500P-8 RSI ZAS500P-6 RSI ZAS500P-6 RUZAS500P-7 RL QZAS500P-1 RL QZAS500P-1 RL QZAS500P-1 RL QZAS500P-1 RL MZAS500P-1 RL MZAS500P-1 RL MZAS500P-1 RL MZAS500P-1 RL MZAS500P-1 RL MZAS500P-1 RSQZAS500P-1	IC I	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	MESA MESA MESA MESA MESA MESA MESA MESA
	IC301 IC401 IC402 IC502 IC504 IC505 IC508 IC508 IC509 IC5	BA4558DX RSI ZAS500P-5 BA4558DY RSI ZAS500P-7 RSI ZAS500P-2 RSI ZAS500P-3 RSI ZAS500P-6 RJ ZAS500P-6 RJ ZAS500P-6 RJ ZAS500P-7 RL ZAS500P-7 RL ZAS500P-1 RSQ ZAS500P-1 RSQ ZAS500P-1 RSQ ZAS500P-1 RSQ ZAS500P-1 RSQ ZAS500P-14 2SC 33311AR	IC I	11 11 11 11 11 11 11 11 11 11 11 11 11	MESA MESA MESA MESA MESA MESA MESA MESA
	IC301 IC401 IC402 IC502 IC504 IC505 IC508 IC508 IC509 IC5	BA4558DX RSI ZAS500P-5 BA4558D7 RSI ZAS500P-7 RSI ZAS500P-1 RSI ZAS500P-8 RSI ZAS500P-6 RSI ZAS500P-6 RUZAS500P-7 RL QZAS500P-1 RL QZAS500P-1 RL QZAS500P-1 RL QZAS500P-1 RL MZAS500P-1 RL MZAS500P-1 RL MZAS500P-1 RL MZAS500P-1 RL MZAS500P-1 RL MZAS500P-1 RSQZAS500P-1	IC I	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	MESA MESA MESA MESA MESA MESA MESA MESA
	IC301 IC401 IC402	BA4558DX RSI ZAS500P-5 BA4558DX RSI ZAS500P-7 RSI ZAS500P-7 RSI ZAS500P-2 RSI ZAS500P-6 RJJZAS500P-2 RLQZAS500P-5 RLQZAS500P-7 RLQZAS500P-7 RLQZAS500P-1 RLQZAS500P-1 RLQZAS500P-1 RLGZAS500P-1 RLGZAS500P-1 RLGZAS500P-1 RLGZAS500P-1 RLGZAS500P-1 RLGZAS500P-1 RSQZAS500P-1 RSQZAS500P-1 RSQZAS500P-1 RSQZAS500P-1 RSQZAS500P-1 RSQZAS500P-1 RSQZAS500P-1	IC I	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	MESA MESA MESA MESA MESA MESA MESA MESA
	IC301 IC401 IC402	BA4558DX RSIZAS500P-5 BA4558DOP-7 RSIZAS500P-7 RSIZAS500P-2 RSIZAS500P-4 RSIZAS500P-6 RJJZAS500P-2 RLQZAS500P-1 RLQZAS500P-1 RLQZAS500P-1 RLQZAS500P-1 RLQZAS500P-1 RLMZAS500P-1 RLMZAS500P-1 RLMZAS500P-1 RLMZAS500P-1 RLMZAS500P-1 RSQZAS500P14 RSQZAS500P14 RSQZAS500P14 RSQZAS500P-1	IC I	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	MESA MESA MESA MESA MESA MESA MESA MESA
	IC301 IC401 IC402	BA4558DX RSIZAS500P-5 BA4558DX RSIZAS500P-7 RSIZAS500P-7 RSIZAS500P-1 RSIZAS500P-6 RJJZAS500P-6 RJJZAS500P-6 RJJZAS500P-1 RLQZAS500P-1 RLQZAS500P-1 RLQZAS500P-1 RLQZAS500P-1 RLQZAS500P-1 RLQZAS500P-1 RLMZAS500P-1 RSQZAS500P-1 2SC3311AR RSQZAS500P-1 RSQZAS500P-1 2SC3311AR	IC I	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	MESA MESA MESA MESA MESA MESA MESA MESA
	IC301 IC401 IC402	BA4558DX RSIZAS500P-5 BA4558DOP-7 RSIZAS500P-7 RSIZAS500P-2 RSIZAS500P-4 RSIZAS500P-6 RJJZAS500P-2 RLQZAS500P-1 RLQZAS500P-1 RLQZAS500P-1 RLQZAS500P-1 RLQZAS500P-1 RLMZAS500P-1 RLMZAS500P-1 RLMZAS500P-1 RLMZAS500P-1 RLMZAS500P-1 RSQZAS500P14 RSQZAS500P14 RSQZAS500P14 RSQZAS500P-1	IC I	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	MESA MESA MESA MESA MESA MESA MESA MESA
	IC301 IC401 IC402 IC502 IC504 IC505 IC508 IC508 IC508 IC509 IC5	BA4558DX RSI ZAS500P-5 BA4558DX RSI ZAS500P-7 RSI ZAS500P-1 RSI ZAS500P-3 RSI ZAS500P-6 RSI ZAS500P-6 RSI ZAS500P-6 RUZAS500P-5 RLQZAS500P-5 RLQZAS500P-1 RLQZAS500P-1 RSI ZAS500P-1	IC I	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	MESA MESA MESA MESA MESA MESA MESA MESA
	IC301 IC401 IC402 IC502 IC504 IC505 IC508 IC508 IC508 IC509 IC5	BA4558DX RSI ZAS500P-5 BA4558DX RSI ZAS500P-7 RSI ZAS500P-1 RSI ZAS500P-3 RSI ZAS500P-6 RSI ZAS500P-6 RSI ZAS500P-6 RUZAS500P-5 RLQZAS500P-5 RLQZAS500P-1 RLQZAS500P-1 RSI ZAS500P-1	IC I	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	MESA MESA MESA MESA MESA MESA MESA MESA
	IC301 IC401 IC402 IC502 IC504 IC505 IC508 IC508 IC508 IC509 IC5	BA4558DX RSI ZAS500P-5 BA4558DX RSI ZAS500P-7 RSI ZAS500P-1 RSI ZAS500P-3 RSI ZAS500P-6 RSI ZAS500P-6 RSI ZAS500P-6 RUZAS500P-5 RLQZAS500P-5 RLQZAS500P-1 RLQZAS500P-1 RSI ZAS500P-1	IC I	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	MESA MESA MESA MESA MESA MESA MESA MESA

Part Name & Description

120P

1000

2200P

220P

0. 1U

Remarks

MESA

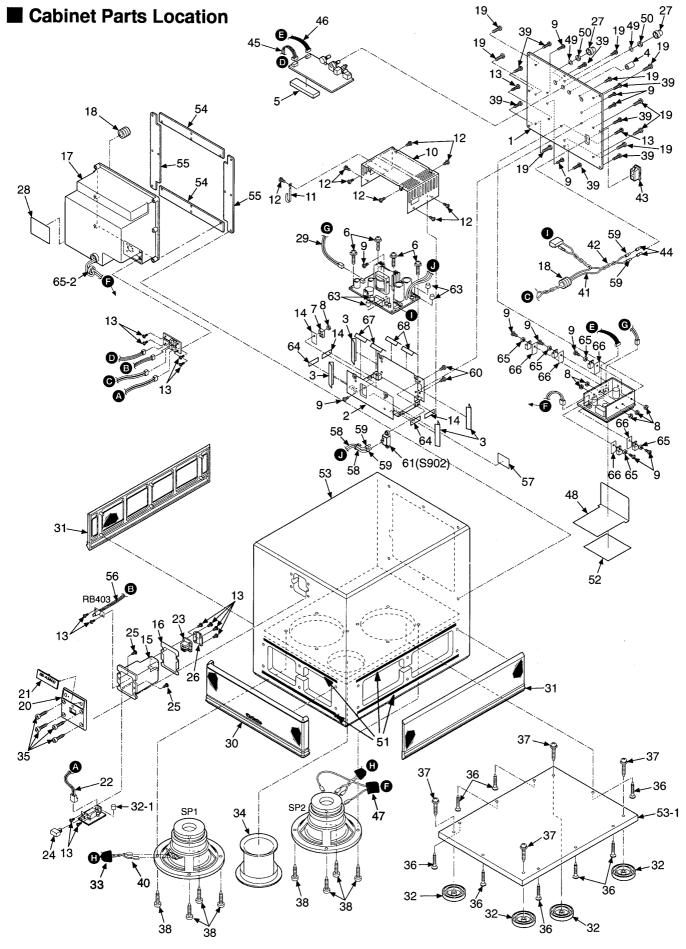
MESA

MESA

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Ref. No.		Part Name & Descripti	_	Remarks	Ref. No.		Part Name & Description		Remarks
R301	ERDS2FJ103	1/6W 10K	1	MESA		ERJ8GEYJ103V		3	MESA
R303	ERDS2FJ103	1/6W 10K	1	MESA		RREZASSOOP-5		_1	MESA
R351	ERDS2FJ102	1/6W 1K	1	MESA	⚠ R902, 03	RREZAS500P-7	1W 100K	2	MESA
R352	ERDS2FJ105	1/6W 1M	- 1	MESA	R904	RREZAS500P-4	2W 27	_1	MESA
R353	ERDS2FJ363	1/6W 36K	1	MESA	R905	RREZAS500P-1	1/4W 15	1	MESA
R354	ERDS2FJ221	1/6W 220	1	MESA	▲ R907	RREZAS500P-3	1/4W 33	1	MESA
R355	ERDS2FJ274	1/6W 270K	11	MESA	▲ R908	RREZAS500P-2	1/4W 3.3K	1	MESA
R356	ERDS2FJ244	1/6W 240K	 	MESA		RREZAS500P-3	1/4W 33	1	MESA
R357, 58	ERDS2FJ103	1/6W 10K	2	MESA	R910	RREZAS500P-6	1W 1K	1	MESA
							1/4W 33	-;	MESA
R359	ERDS2FJ154	1/6W 150K	1	MESA		RREZASSOOP-3		H	
R360	ERDS2FJ224	1/6W 220K	!	MESA	<u> </u>	RREZAS500P-8	2W 1M		MESA
R361	ERDS2FJ824	1/6W 820K	-14	MESA				H	NECA
R362	ERDS2FJ684	1/6W 680K		MESA	\$401	RSPZAS500P-1	SW, PHASE		MESA
R363	ERDS2FJ823	1/6W 82K	1	MESA	△ \$901	RSPZAS500P-2	SW, POWER	1	MESA
R364	ERDS2FJ103	1/6W 10K	1	MESA					
R365	ERDS2FJ223	1/6W 22K	1	MESA	SP1, 2	EAST14PL09B6	WOOFER	2	MESA
R366	ERDS2FJ822	1/6W 8.2K	1	MESA		Ì			
R367	ERDS2FJ332	1/6. 3.3K	1	MESA	▲TR901	RTPZAS500P-1	POWER TRANSFORMER	1	MESA
R368	ERDS2FJ152	1/6W 1.5K	1	MESA					
R369	ERDS2FJ153	1/6W 15K	1	MESA	VR401	RRVZAS500P-1	V. R. , VOLUME	1	MESA
R370	ERDS2FJ221	1/6W 220	1	MESA	VR402	RRVZAS500P-2	V. R. , LOW PASS FILTER	1	MESA
R371	ERDS2FJ104	1/6W 100K	- i 	MESA		I			
R373	ERDS2FJ823	1/6W 82K	+ ;}	MESA	ZD351, 52	MTZJ100	DIODE	2	MESA
R374	ERDS2FJ560	1/6W 56	- ; 	MESA	ZD501	MTZJ5R6C	DIODE	1	MESA
R375	ERDS2FJ820	1/6W 82	 	MESA	ZD901	MTZJ3RGC	DIODE	 '	MESA
					20901	M120100	DIODE	-	MESA
R380	ERDS2FJ684	1/6W 680K	1	MESA	A 70/5	20210222	OUDOF ADODDES	١.	14501
R401	ERDS2FJ103	1/6W 10K	- 1 1	MESA	<u></u> ZNR1	RSQZAS500P13	SURGE ABSORBER	1	MESA
R402	ERDS2FJ153	1/6W 15K		MESA	ļ			<u> </u>	
R403	ERDS2FJ103	1/6W 10K	1	MESA				_	
- R404	ERDS2FJ104	1/6W 100K	1	MESA				L	
R405	ERDS2FJ334	1/6W 330K	1	MESA					
R406	ERDS2FJ223	1/6W 22K	1	MESA					
R407	ERDS2FJ101	1/6W 100	1	MESA					
R408	ERDS2FJ103	1/6W 10K	1	MESA				Г	
R410	ERDS2FJ223	1/6W 22K	1	MESA		1		1	
R412	ERDS2FJ103	1/8W 10K	- 1 1	MESA		 		✝	
R413	ERDS2FJ102	1/6W 1K	- ; 	MESA	l	 	 	┢	
		 	+ 1	MESA		 		╁	
R416	ERDS2FJ104	1/6W 100K				 		1-	
R417	ERDS2FJ332	1/6W 3.3K		MESA		ļ		┼-	
R418	ERDS2FJ302	1/6W 3K	1	MESA		 		⊢	
R419	ERDS2FJ332	1/6W 3.3K	1	MESA				1	
R420	ERDS2FJ101	1/6W 100	1	MESA				L	
R429, 30	ERDS2FJ103	1/6W 10K	2	MESA		<u> </u>		L	
R431, 32	ERDS2FJ104	1/6W 100K	2	MESA	1			L	
R501	ERJ8GEYJ223V	1/8W 22K	1	MESA	1				
R502	ERJ8GEYJ103V	1/8W 10K	1	MESA				Τ	
R503	ERJ8GEYJ102V	1/8W 1K	1	MESA				Т	
R504	ERJ8GEYJ223V		1	MESA	i			T-	
R505	ERJ8GEYJ103V		- -	MESA	l 	1		+	
R506	RRJZAS500P-5		- 1	MESA	l			+	
	ERJ8GEYJ103V				l 	1		+	
				MESA	l	_	 	+	
R524	ERJ8GEYJ4R7V			MESA	 	1		+	
R525	ERJ8GEYJ103V		1	MESA				╁	
R526	ERJ8GEYJ223V		1	MESA		_		4	
R527	ERJ8GEYJ682V		1	MESA	l I	1	.	1	
R531	ERJ8GEYJ682\	1/8W 6.8K	1	MESA	!			L	
R532	ERJ8GEYJ102\	1/8W 1K	1	MESA				I^-	
R533		··	1	MESA	1			T	
1000	ERJ8GEYJ473\	1/08 4/6	1 1				1	Т	
R534	ERJ8GEYJ222\		-	MESA	11		1		
R534	ERJ8GEYJ222\	1/8W 2.2K						T	1
R534 R535	ERJ8GEYJ222\ RRJZAS500P-3	1/8W 2.2K 1/8W 10		MESA				F	
R534 R535 R536	ERJ8GEYJ222\ RRJZAS500P-3 ERJ8GEYJ123\	1/8W 2.2K 1/8W 10 1/8W 12K	1 1	MESA MESA				F	
R534 R535 R536 R537	ERJ8GEYJ222\ RRJZAS500P-3 ERJ8GEYJ123\ RRJZAS500P-1	1/8W 2. 2K 1/8W 10 1/8W 12K 1/8W 4. 7K	1 1 1	MESA MESA MESA					
R534 R535 R536 R537 R538	ERJ8GEYJ222\ RRJZAS500P-3 ERJ8GEYJ123\ RRJZAS500P-1 RRJZAS500P-3	1/8W 2. 2K 1/8W 10 1/8W 12K 1/8W 4. 7K 1/8W 10	1 1 1	MESA MESA MESA MESA					
R534 R535 R536 R537 R538 R539	ERJBGEYJ222\ RRJZAS500P-3 ERJBGEYJ123\ RRJZAS500P-1 RRJZAS500P-3 RRJZAS500P-1	1/8W 2. 2K 1/8W 10 1/8W 12K 1/8W 4. 7K 1/8W 10 1/8W 4. 7K	1 1 1 1 1	MESA MESA MESA MESA MESA					
R534 R535 R536 R537 R538 R539 R540, 41	ERJBGEYJ222\ RRJZAS500P-5 ERJBGEYJ123\ RRJZAS500P-1 RRJZAS500P-1 RRJZAS500P-1 RRJZAS500P-1	1/8W 2. 2K 1/8W 10 1/8W 12K 1/8W 4. 7K 1/8W 10 1/8W 4. 7K 1/8W 4. 7K	1 1 1 1 1 1 1 2	MESA MESA MESA MESA MESA MESA MESA MESA					
R534 R535 R536 R537 R538 R539 R540, 41 R542, 43	ERJBGEYJ222V RRJZAS500P-C ERJBGEYJ123V RRJZAS500P-C RRJZAS500P-C RRJZAS500P-C RRJZAS500P-C RRJZAS500P-C	1/8W 2.2K 1/8W 10 1/8W 12K 1/8W 4.7K 1/8W 4.7K 1/8W 4.7K 1/8W 4.7K	1 1 1 1 1 1 1 2 2	MESA MESA MESA MESA MESA MESA MESA MESA					
R534 R535 R536 R537 R538 R539 R540, 41 R542, 43	ERJBGEYJ222V RRJZAS500P-C ERJBGEYJ123V RRJZAS500P-C RRJZAS500P-C RRJZAS500P-C RRJZAS500P-C RRJZAS500P-C	1/8W 2. 2K 1/8W 10 1/8W 12K 1/8W 4. 7K 1/8W 10 1/8W 4. 7K 1/8W 4. 7K 1/8W 4. 7K 1/8W 4. 7K	1 1 1 1 1 1 1 2 2	MESA MESA MESA MESA MESA MESA MESA MESA					
R534 R535 R536 R537 R538 R539 R540, 41 R542, 43 R544	ERJBGEYJ222\\ RRJZAS500P-C ERJBGEYJ123\\ RRJZAS500P-I	1/8W 2. 2K 1/8W 10 1/8W 12K 1/8W 4. 7K 1/8W 4. 7K 1/8W 4. 7K 1/8W 4. 7K 1/8W 4. 7K 1/8W 20K 1/8W 4. 7K	1 1 1 1 1 1 1 2 2 2	MESA MESA MESA MESA MESA MESA MESA MESA					
R534 R535 R536 R537 R538 R539 R540, 41 R542, 43 R544 R545	ERJ8GEYJ222V RRJZAS500P-C ERJ8GEYJ123V RRJZAS500P-I RRJZAS500P-C RRJZAS500P-C RRJZAS500P-C RRJZAS500P-C RRJZAS500P-C RRJZAS500P-C ERJ8GEYJ472V ERJ8GEYJ472V	1/8W 2. 2K 1/8W 10 1/8W 12K 1/8W 4. 7K 1/8W 2CK 1/8W 2. 7K	1 1 1 1 1 1 1 2 2	MESA MESA MESA MESA MESA MESA MESA MESA					
R534 R535 R536 R537 R538 R539 R540, 41 R542, 43 R544 R545	ERJBGEYJ222\\ RRJZAS500P-C ERJBGEYJ123\\ RRJZAS500P-I	1/8W 2. 2K 1/8W 10 1/8W 12K 1/8W 4. 7K 1/8W 2CK 1/8W 2. 7K	1 1 1 1 1 1 1 2 2 2	MESA MESA MESA MESA MESA MESA MESA MESA					
R534 R535 R536 R537 R538 R539 R540, 41 R542, 43 R544 R545	ERJ8GEYJ222V RRJZAS500P-C ERJ8GEYJ123V RRJZAS500P-I RRJZAS500P-C RRJZAS500P-C RRJZAS500P-C RRJZAS500P-C RRJZAS500P-C RRJZAS500P-C ERJ8GEYJ472V ERJ8GEYJ472V	1/8W 2. 2K 1/8W 10 1/8W 12K 1/8W 4. 7K 1/8W 2. 0K 1/6W 2. 0K 1/8W 2. 2K	1 1 1 1 1 1 1 1 1 2 2 2 2 1 1 1 1 1 1 1	MESA MESA MESA MESA MESA MESA MESA MESA					
R534 R535 R536 R537 R538 R539 R540, 41 R542, 43 R544 R545 R546	ERJ8GEYJ222\ RRJZAS500P-3 ERJ8GEYJ123\ RRJZAS500P-1	1/8W 2. 2K 1/8W 10 1/8W 12K 1/8W 4. 7K 1/8W 20K 1/8W 20K 1/8W 20K 1/8W 27K 1/8W 27K 1/8W 2. 2K	1 1 1 1 1 1 2 2 2 1 1 1	MESA MESA MESA MESA MESA MESA MESA MESA					
R534 R535 R536 R537 R538 R539 R540, 41 R542, 43 R544 R545 R546 R547 R548	ERJBGEYJ222V RRJZAS500P-3 RRJZAS500P-3 RRJZAS500P-3 RRJZAS500P-3 RRJZAS500P-1 RRJZAS500P-1 RRJZAS500P-1 ERJBGEYJ473V ERJBGEYJ472V ERJBGEYJ472V ERJBGEYJ472V ERJBGEYJ472V ERJBGEYJ472V ERJBGEYJ473V ERJZAS500P-1	1/8W 2. 2K 1/8W 10 1/8W 12K 1/8W 4. 7K 1/8W 7K 1/8W 2CK 1/8W 4. 7K 1/8W 2CK 1/8W 2. 2K 1/8W 10 1/8W 10	11 11 11 11 11 12 22 21 11 11 11	MESA MESA MESA MESA MESA MESA MESA MESA					
R534 R535 R536 R537 R538 R539 R540, 41 R542, 43 R544 R545 R546 R546 R547 R548	ERJBGEYJ222V RRJZAS500P-3 ERJBGEYJ1231 RRJZAS500P-3 RRJZAS500P-3 RRJZAS500P-1 RRJZAS500P-1 RRJZAS500P-1 ERJBGEYJ272V ERJBGEYJ272V RRJZAS500P-1 RRJZAS500P-1 RRJZAS500P-1 RRJZAS500P-1 RRJZAS500P-1 RRJZAS500P-1 RRJZAS500P-1	1/8W 2. 2K 1/8W 10 1/8W 12K 1/8W 4. 7K 1/8W 20K 1/8W 2. 2K 1/8W 2. 2K 1/8W 10 1/8W 3. 300K 1/8W 9. 1K	1 1 1 1 1 1 2 2 2 1 1 1 1	MESA MESA MESA MESA MESA MESA MESA MESA					
R534 R535 R536 R537 R538 R539 R540, 41 R542, 43 R544 R545 R546 R547 R548 R549, 50 R551	ERJBGEYJ222V RRJZAS500P-3 ERJBGEYJ1231 RRJZAS500P-3 RRJZAS500P-3 RRJZAS500P-1 RRJZAS500P-1 RRJZAS500P-1 ERJBGEYJ472V ERJBGEYJ472V ERJBGEYJ273V ERJBGEYJ273V RRJZAS500P-1 RRJZAS500P-1 RRJZAS500P-1 RRJZAS500P-1 RRJZAS500P-1	1/8W 2. 2K 1/8W 10 1/8W 12K 1/8W 4. 7K 1/8W 2CK 1/8W 2CK 1/8W 27K 1/8W 27K 1/8W 10 1/8W 10 1/8W 10 1/8W 10	11 11 11 11 11 22 22 11 11 11 12 21 11	MESA MESA MESA MESA MESA MESA MESA MESA					
R534 R535 R536 R537 R538 R539 R540, 41 R542, 43 R544 R545 R546 R547 R548 R548, 50 R551	ERJBGEYJ222V RRJZAS500P-3 ERJBGEYJ1231 RRJZAS500P-3 RRJZAS500P-3 RRJZAS500P-1 RRJZAS500P-1 RRJZAS500P-1 ERJBGEYJ272V ERJBGEYJ272V RRJZAS500P-1 RRJZAS500P-1 RRJZAS500P-1 RRJZAS500P-1 RRJZAS500P-1 RRJZAS500P-1 RRJZAS500P-1	1/8W 2. 2K 1/8W 10 1/8W 12K 1/8W 4. 7K 1/8W 2CK 1/8W 2CK 1/8W 27K 1/8W 27K 1/8W 10 1/8W 10 1/8W 10 1/8W 10	11 11 11 11 11 12 22 21 11 11 11	MESA MESA MESA MESA MESA MESA MESA MESA					
R534 R535 R536 R537 R538 R539 R540, 41 R542, 43 R544 R545 R546 R547 R548 R549, 50 R551	ERJBGEYJ222V RRJZAS500P-3 ERJBGEYJ1231 RRJZAS500P-3 RRJZAS500P-3 RRJZAS500P-1 RRJZAS500P-1 RRJZAS500P-1 ERJBGEYJ472V ERJBGEYJ472V ERJBGEYJ273V ERJBGEYJ273V RRJZAS500P-1 RRJZAS500P-1 RRJZAS500P-1 RRJZAS500P-1 RRJZAS500P-1	1/8W 2. 2K 1/8W 10 1/8W 12K 1/8W 4. 7K 1/8W 2CK 1/8W 2CK 1/8W 27K 1/8W 27K 1/8W 10 1/8W 10 1/8W 10 1/8W 10	11 11 11 11 11 22 22 11 11 11 12 21 11	MESA MESA MESA MESA MESA MESA MESA MESA					



■ Replacement Parts List (Cabinet)

Notes: • The parts indicated 'MESA' in Remarks column are supplied by MESA. And other parts are supplied by MAES.

Furthermore, special parts which have purposes of fire-retardant (resistors), high-quality sound (capacitors), low-noise (resistors), etc. are used. When replacing any of components, be sure to use only manufacturer's specified parts shown in the parts list.

Ref. No.	Part No.	Part Name & Description	Pcs	. Remarks	Ref. No.		Part Name & Description		
			Ш		36	XTN42+32FG	SCREW	8	MESA
1	RGGZAS500G-1	REAR PLATE	1	MESA	37	XTBS31BZ+22	SCREW	4	MESA
2	RMKZAS500P-2	METAL BOX (BOTTOM)	1	MESA	38	XTNP42+20FG	SCREW	8	MESA
3	RMGZAS500P11	SPONGE	4	MESA	39	XTNP42+20FG	SCREW	8	MESA
4	RGUZAS500P-1	KNOB	1	MESA	40	REXPM300W	CORD ASS' Y	1	MESA
5	RMGZAS500P-2	CUSHION	1	MESA	41	REXZAS500P-4	CORD ASS' Y	1	MESA
6	XTW3+8L	SCREW	4	MESA	42	REXZAS500P-5	CORD ASS' Y	_1	MESA
7	RMRZAS500P-4	INSULATOR	1	MESA	43	RJJZAS500G-1	AC SOCKET	1	MESA
8	XWG3B	NUT	6	MESA	44	RWZZAS500G-1	TUBE	2	MESA
9	XSN3+8BVS	SCREW	11	MESA	45	REXZAS500P-6	CORD ASS' Y	1	MESA
10	RMKZAS500P-1	METAL BOX (TOP)	1	MESA	46	REXZAS500P-7	CORD ASS' Y (RB401)	1	MESA
11	RMQZAS500P-8	LUG TERMINAL	1	MESA	47	REXZAS5006-3	WIRE ASS' Y	_1	MESA
12	XSN3+6FZ	SCREW	8	MESA	48	RSCZAS500P-1	SHIELD PLATE	1	MESA
13	XTN3+10JFZ	SCREW	14	MESA	49	XWS7AW	WASHER	2	MESA
14	RMGZAS500P-7	SPONGE	3	MESA	50	XNS7S	NUT	2	MESA
15	RKSZAS500P-2	FRONT COVER	1	MESA	51	RMPQP0517	HIMERON	6	MESA
16	RMGZAS500P-5	CUSH1 ON	1	MESA					
.17	RKSZAS500P-1	REAR COVER	1	MESA	52	RMGZAS500P-6	CUSHION	1	MESA
18	RMRZAS500P-2	BUSHING	2	MESA	53	RYK0825A-K	CABINET ASS'Y	1	MESA
19	XTN3+12GFZ	SCREW	9	MESA	53-1		BOTTOM COVER	1	MESA
20	RGPZAS500P-1	FRONT PANEL	1	MESA	54	RMGZAS500P-3	CUSH10N :	2	MESA
21	RGKZAS500P-1	NAME PLATE	1	MESA	55	RMGZAS500P-4	CUSH10N	2	MESA
22	REXZAS500P-1	CORD ASS' Y	1	MESA	56	REXZAS500P-8	CORD ASS' Y (RB403)	1	MESA
23	RMGZAS500P-1	BUSHING	1	MESA	57	RQLZAS500P-3	CAUTION LABEL	1	MESA
24	RGU0890-K	POWER KNOB	1	MESA	58	REXZAS500G-9	CORD ASS' Y	2	MESA
25	XTN26+5JFZ	SCREW	2	MESA	59	RWZZAS500G-2	TUBE	4	MESA
26	RKQZAS500P-1	BACK COVER	1	MESA	60	XSN3+12FZ	SCREW	2	MESA
27	RGWZAS500P-1	KNOB	2	MESA	61	RSSZAS500G-1	SW, VOLTAGE SELECTOR (\$902)		MESA
28	RGNZAS500P-1	CAUTION LABEL	1	MESA	62	RLBZAS500G-1	BEAD FZRIT	_1	MESA
29	REXZAS500P-2	CORD ASS' Y	1	MESA	63	RWZZAS500G-3	TUBE	5	MESA
30	RYB188B	SPEAKER NET (FRONT)	1	MESA	64	RMGZAS500P-8	SPONGE	2	MESA
31	RYB189A	SPEAKER NET (SIDE)	2	MESA	65	RMRZAS500P-6	WASHER	5	MESA
32	RKA0053-A	FOOT	4	MESA	66	RMRZAS500P-5	SI RUBBER	5	MESA
33	RMQP0583	HIMERON	Ti	MESA	67	RMGZAS500P-9	SPONGE	2	MESA
34	RKTW500	TUNE PORT ASS' Y	1	MESA	68	RMGZAS500P10	SPONGE	2	MESA
25	SNES4±20EG	SCREM	1	MESA	SP1/SP2	EAST14PL09B6	WOOFER	2	MESA

■ Replacement Parts List (Accessories & Packing)

Notes: • Important safety notice:

Components identified by Δ mark have special characteristics important for safety. Furthermore, special parts which have purposes of fire-retardant (resistors), high-quality sound (capacitors), low-noise (resistors), etc. are used. When replacing any of components, be sure to use only manufacturer's specified parts shown in the parts list.

. The parts indicated "MESA" in Remarks column are supplied by MESA. And other parts are supplied by MAES

Ref. No.	Part No.	Part Name & Description	Remarks
		PACKING MATERIALS	
P1	RPG4637	CARTON BOX (E)	[MAES]
P1	RPG4638	CARTON BOX (EB)	[MAES]
P2	SPSPW500CD	PAD UP	[MAES]
P3	SPSPW500AB	PAD DOWN	[MAES]
P4	SPHP35060	SHEET (170Cm)	[MAES]
A1	RQT4628-E	INSTRUCTION BOOK	[MAES]
A2 🗥	RJA0019-2K	AC MAINS LEAD (E)	[MAES]
A2 🗥	RJA0049-2K	AC MAINS LEAD (EB)	[MAES]
А3	RJL1P015B50	MONOAURAL CABLE	[MAES]
A4	XZBA4	PLASTIC BAG	[MAES]



