

SERVICE GUIDE

KYE SYSTEMS CORP



SP-HF1100X

Version:1.0

Revision History

Version	Date	Change
1.0	2008/03/06	

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Getting Started

Conventions Used in this Guide

Pay Special Attention: Instructions that are important to remember and may prevent mistakes.

Caution: Information that, if not followed, may result in damage to the product.

Safety Precautions

The following precautions should be observed in handling the speaker described in this guide:

Place the speakers on a flat, level and stable surface.

Do not place the speakers in environments subject to mist, smoke, vibration, excessive dust, salty or greasy air, or other corrosive gases and fumes.

Do not drop or jolt the speakers.

Do not allow anything to drop into the subwoofer case through its ventilator, as it could result in fatal electric shock or fire.

Place the unit far enough from other equipments for good heat dissipation.

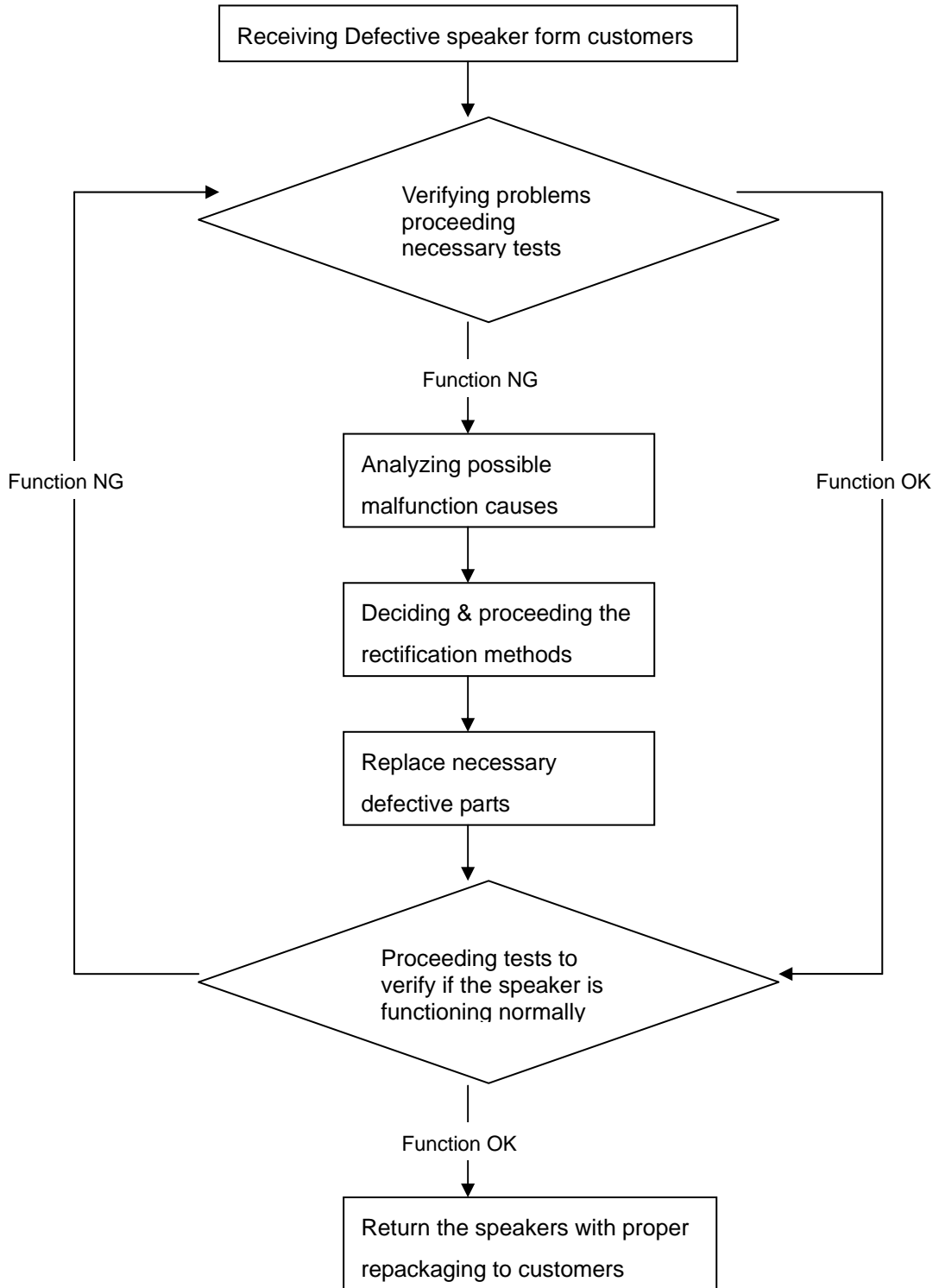
Disconnect the AC power cord from the AC outlet before performing any maintenance on the speakers.

Do not perform any maintenance with wet hand.

Prevent foreign substances, such as water, other liquids or chemical, from entering the speakers while performing maintenance procedures on the speakers.

Chapter 1. How to Handle Defective Returns

1.1 Overview



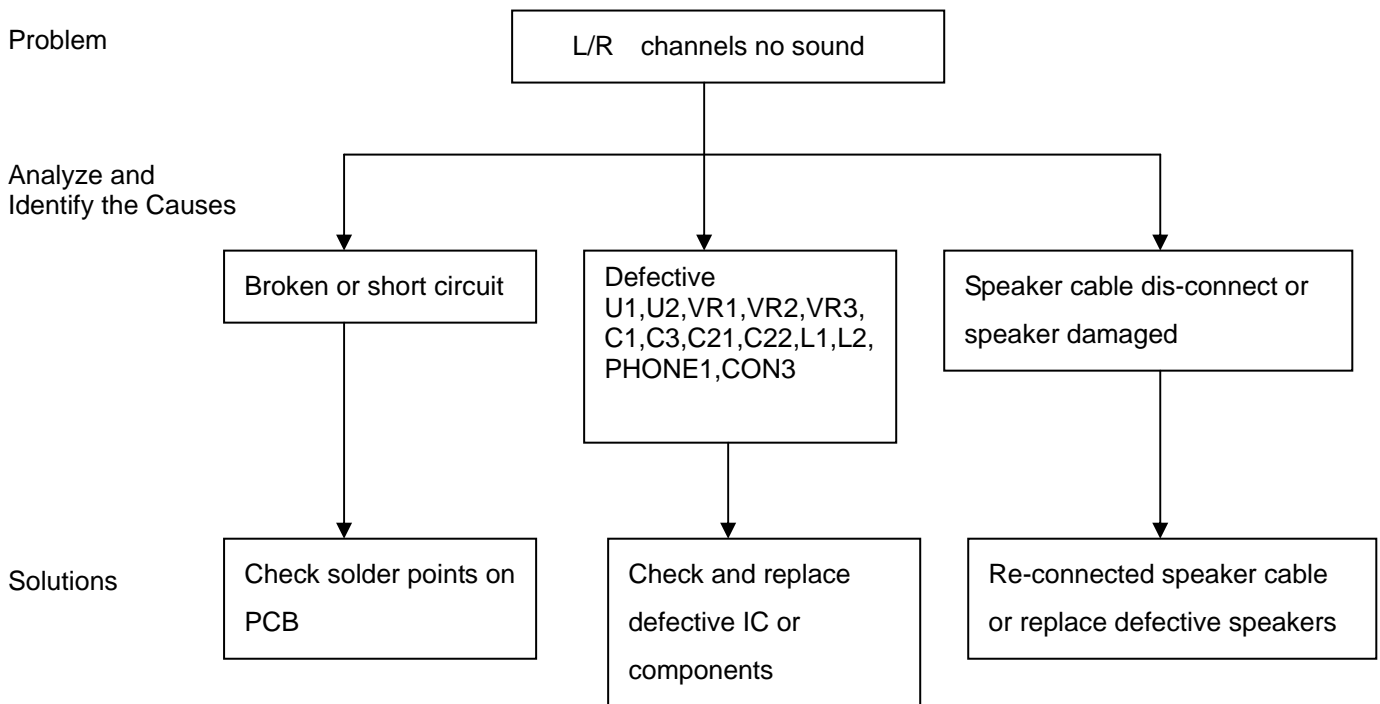
1.2 Problems

<u>Item</u>	<u>Problem Description</u>
1.2.1	L/R channels no sound
1.2.2	NO power

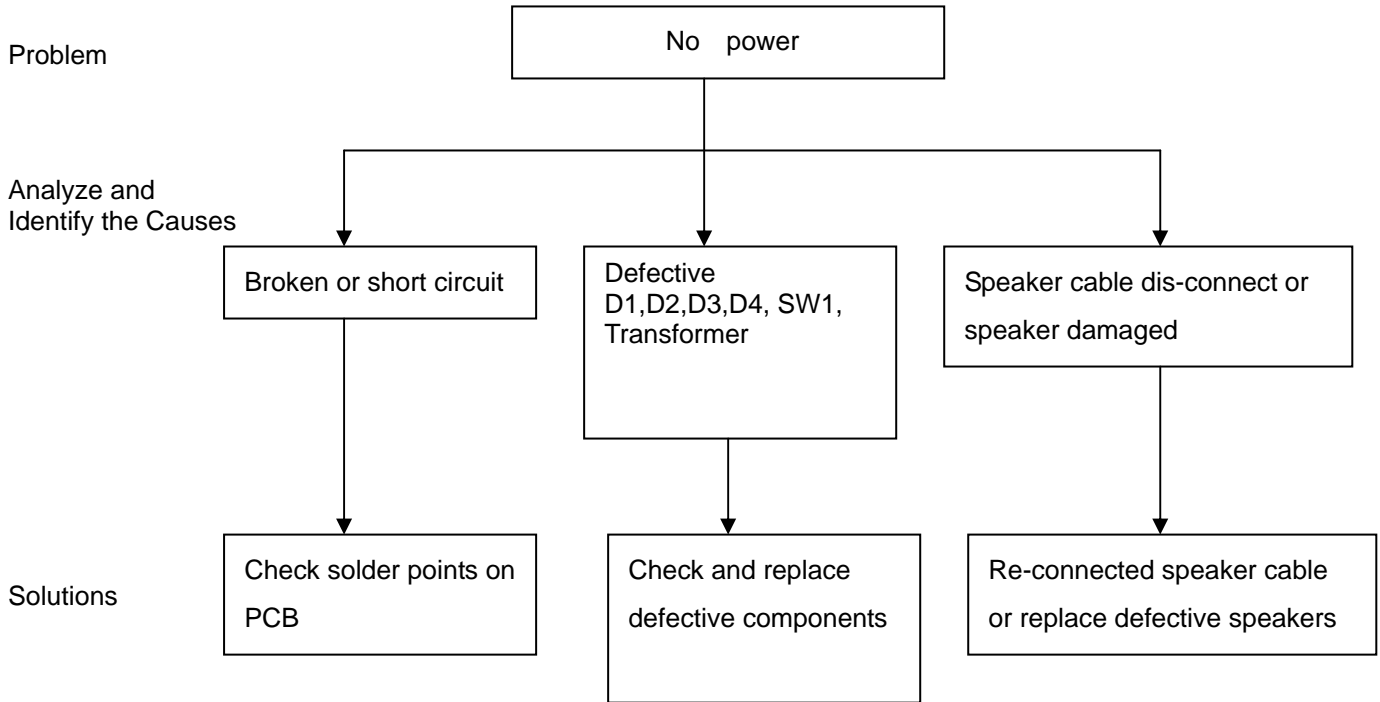
*** Attention**

Please follow the numbered sequence marked within parenthesis given in individual Flow chat, in that this is the best-recommended sequence to rectify the problems.

1.2.1 L/R channels no sound



1.2.3 No power

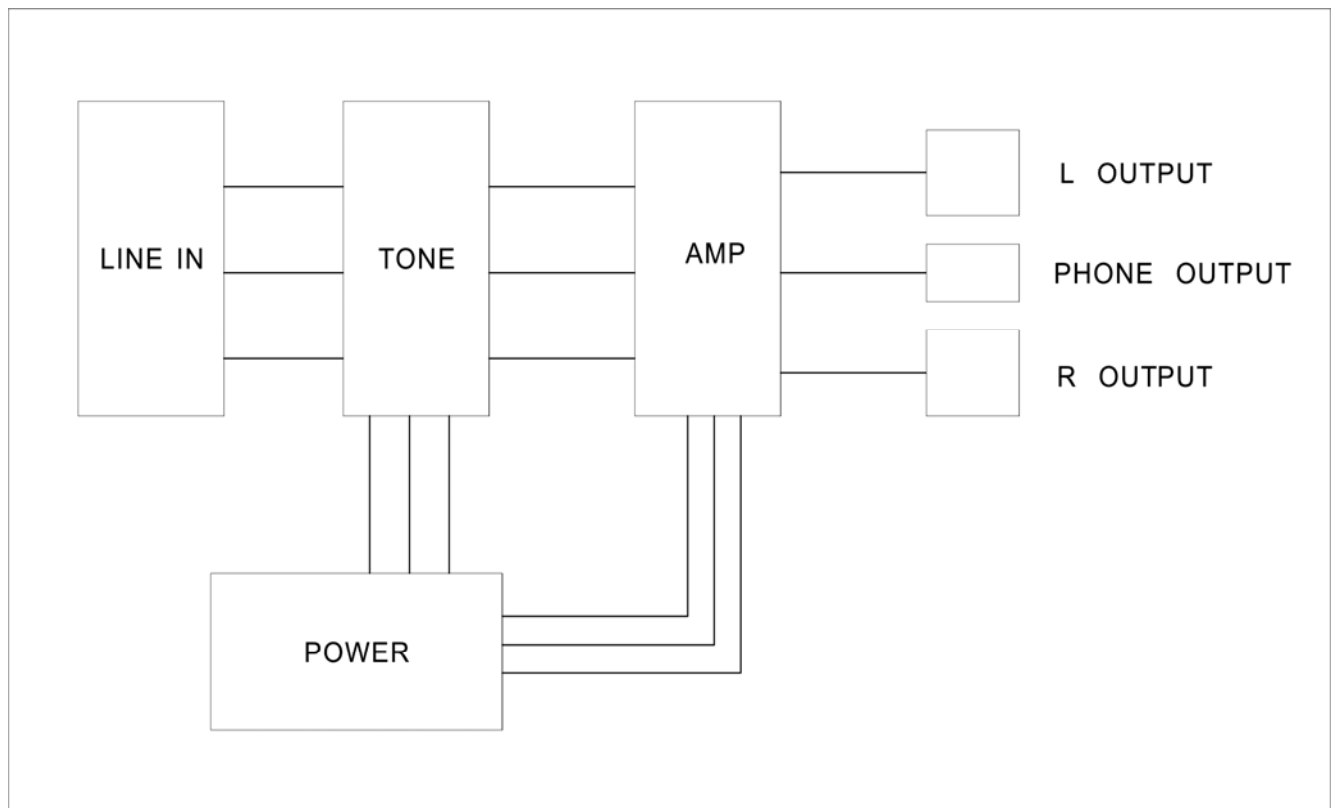


Chapter 2. Specifications

R/L (AT 1KHZ):

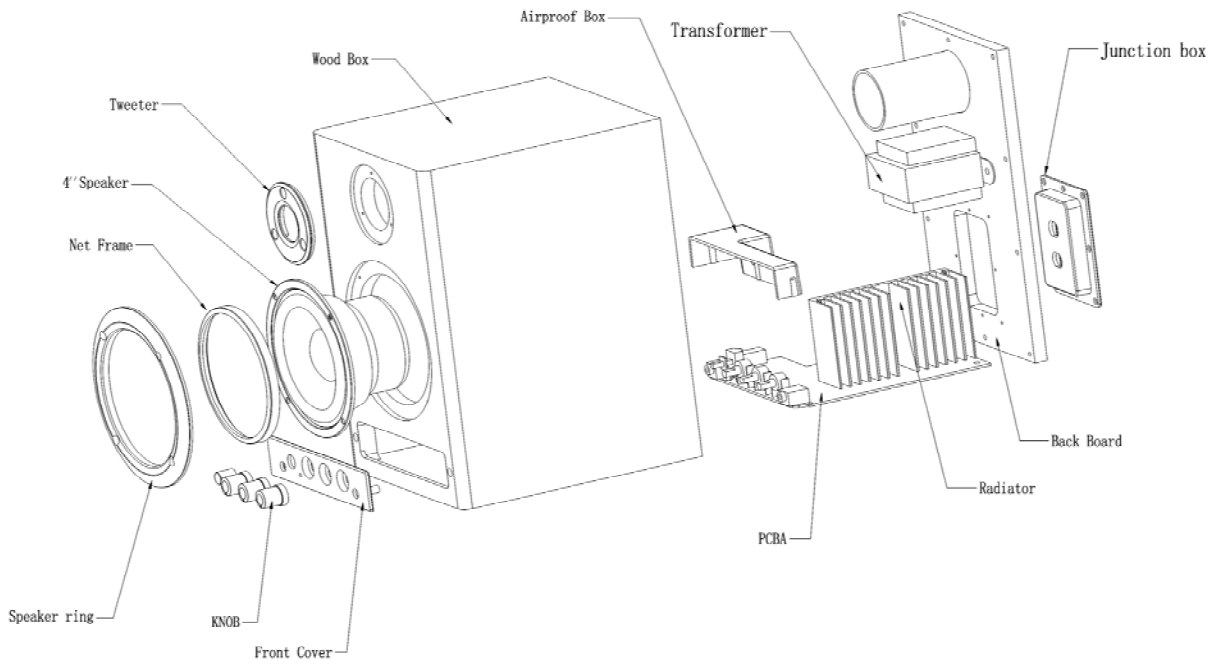
NO	Description	Unit	Specifications
1	Out Power at THD 10%	W	>14
2	Sensitivity	mV	800 ± 50
3	Freq Response (Ref:-3dB)	Hz	20~20K
4	Separation	dB	> 30
5	S/N ratio	dB	> 78
6	Hum & Noise Vol:max	mV	<5

Chapter 3. Block Diagram

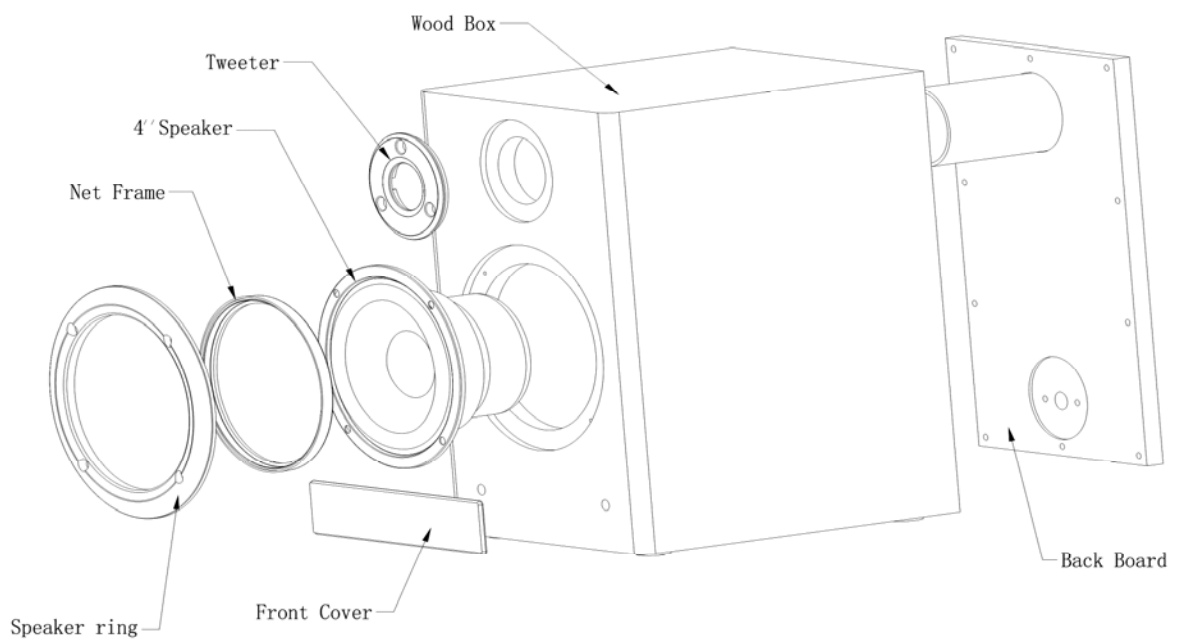


Chapter 4. Exploded View

Host (R)



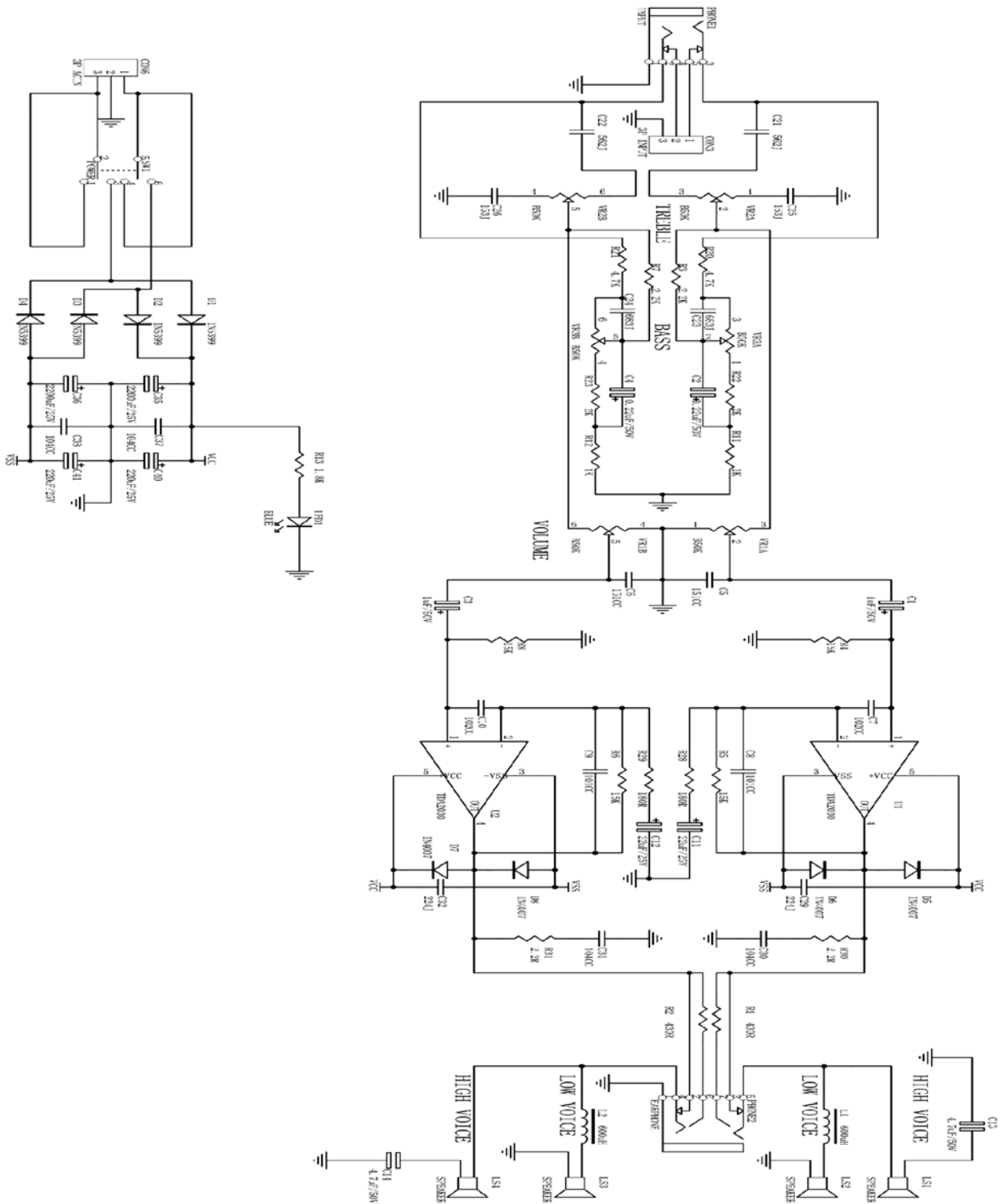
L



Chapter 5. Part List

NO	DESCRIPTION	Qty	UNIT	Part No
1	SP-HF1100X/BODY/R/230V-EU	1	PC	F-000-063-0000
2	SP-HF1100X/BODY/L	1	PC	F-000-063-0000
3	SPEAKER UNIT 4" 4 OHM 15-20W	2	PC	S-000-000-0042
4	SPEAKER UNIT(High sound), 1" 4 OHM 10W	2	PC	S-000-000-0043
5	RUBBER, Ø16*3/BLACK	8	PC	5-127-210-0020
6	MANUAL, SP-HF1100X	1	PC	5-035-055-0037
7	CUSHION(tip cover), SP-HF1100X	1	PC	6-008-000-0073
8	CUSHION(bottom cover), SP-HF1100X	1	PC	6-008-000-0074
9	PCBA SP-HF1100X	1	PC	X-000-002-0154
10	IC TDA2030A (SJ)	2	PC	Q-000-000-0014
11	PUSH SW	1	PC	3-166-000-0005
12	ROTARY SWITCH, B50K	1	PC	1-224-000-0056
13	ROTARY SWITCH, B50K	2	PC	1-224-000-0057
14	CARTON, SP-HF1100X	1	PC	6-017-078-0026
15	Gift box, SP-HF1100X	1	PC	6-012-076-0013
16	TRANSFORMER, 230V/12V*2/2A	1	PC	1-296-500-0137
17	SPEAKER CABLE, 1 to 0 RCA,1.3M	1	PC	C-001-000-0006
18	AUDIO CABLE, 1 to 0 ST, 1.7M	1	PC	C-000-000-0001
19	AUDIO CABLE, 1ST to 1 ST, 30CM	1	PC	C-000-002-0000
20	POWER CORD, BLACK,EU,1.5M	1	PC	3-372-011-0038
21	CARTON LABEL, SP-HF1100X	1	PC	5-030-402-0018
22	S/N LABEL, SP-HF1100X	2	PC	5-030-401-0020
23	PE BAG, 480*350*0.04mm,SP-HF1100X	2	PC	6-002-000-0092
24	PE BAG, 200*100*0.04mm, POWER CORD	1	PC	6-102-000-0012

Chapter 6. Schematic Diagram



Chapter 7. Important Notes

7.1 Packing Requirement for Sending the PCB Assembly by Post

PCB assembly is a kind of sophisticated electronic circuit board. Well packing will be required when sending them by post.

* Some sophisticated IC components are mounted on the PCB assembly, hence it is necessary to pack each PCB assembly with a separate static protecting bag, in order to avoid static electricity.

* Reliable external packing is also very important when sending PCB assembly by post, in that it would avoid unnecessarily lost or damage.

7.2 Short of Spare Parts while Repairing a Speaker System

If you are short of spare parts when you have some speaker systems waiting to be repaired, it would be recommended to take the necessary parts from one speaker system, so that you may have the as many speaker systems.