

SERVICE GUIDE

KYE SYSTEMS CORP



SW-i2.1 1100

Version:1.0

Revision History

Version	Date	Change
VER1.0	Nov-08.2005	

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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.

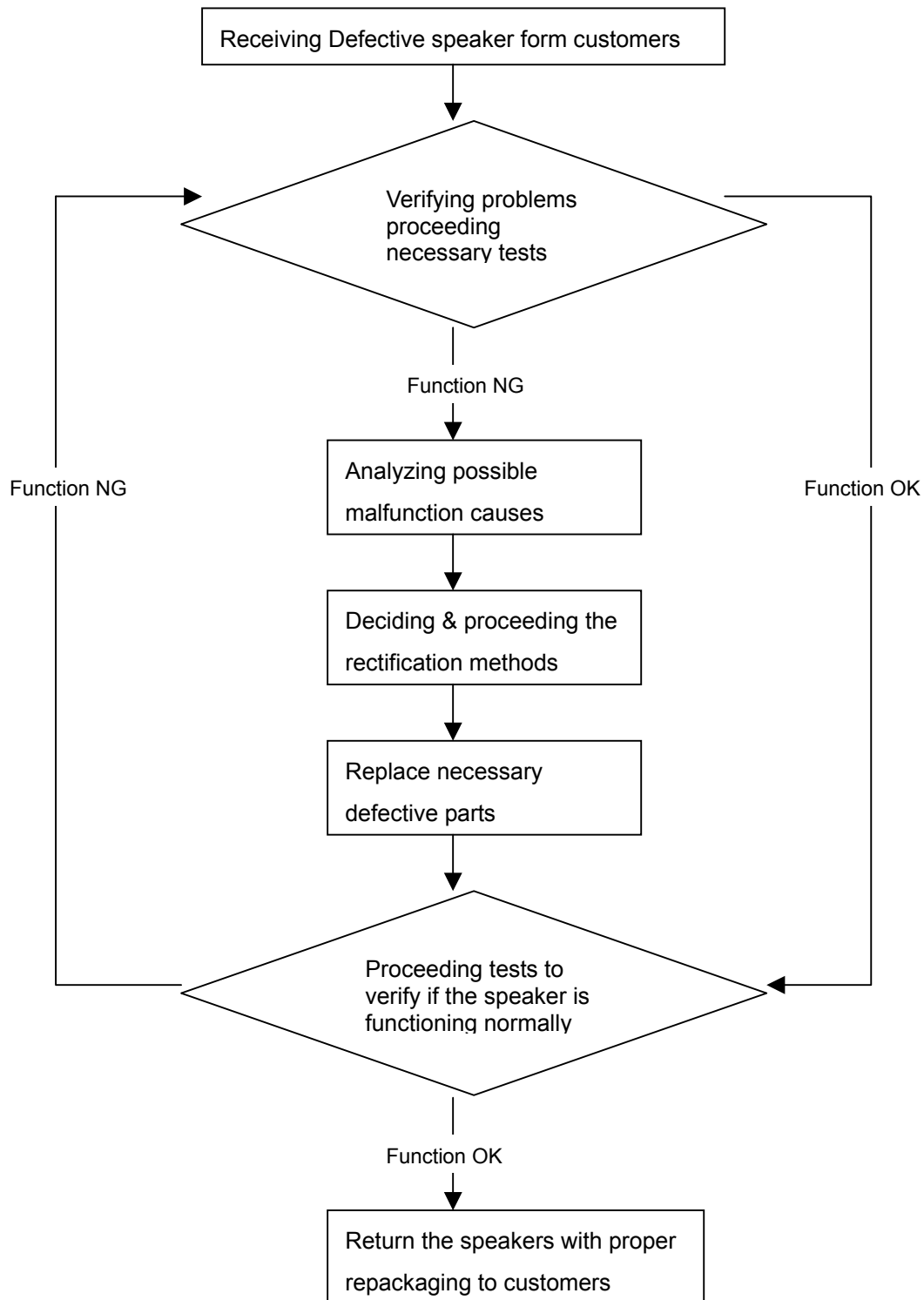
Disconnect the AC power cord from the AC outlet before performing any maintenance on the speakers.

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



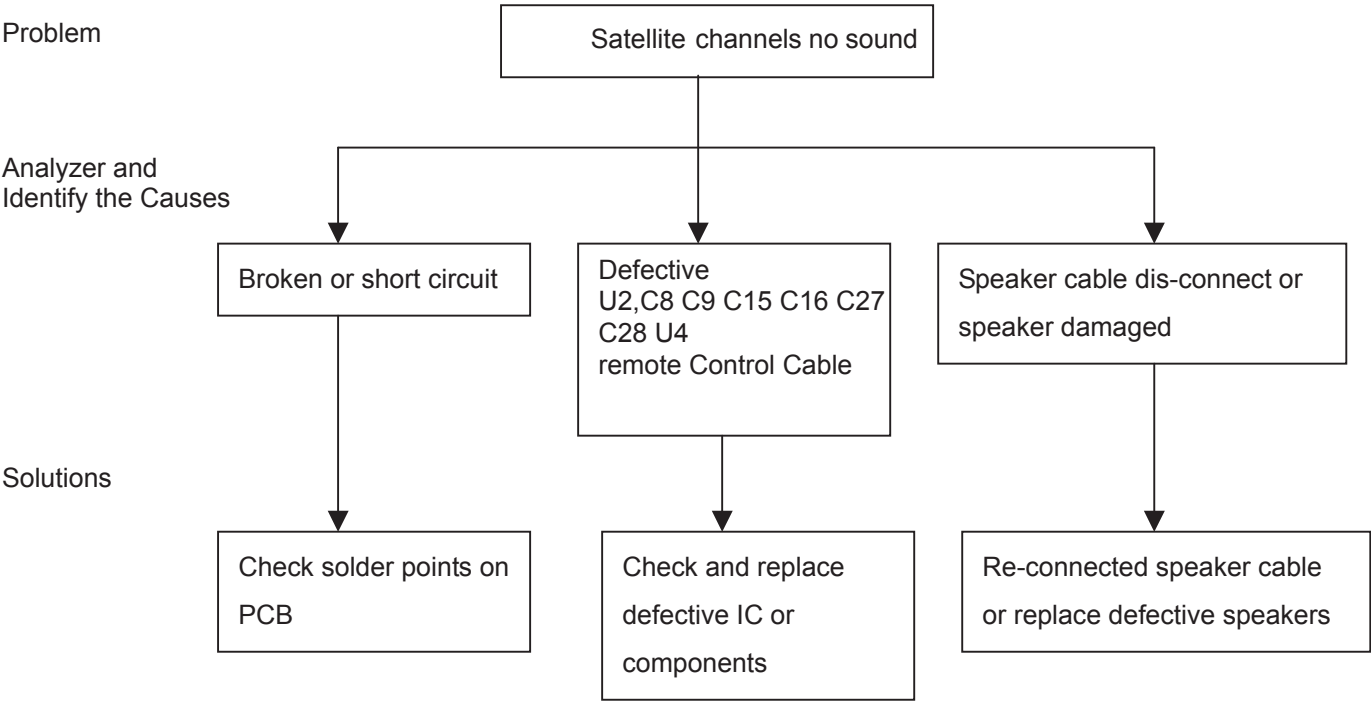
1.2 Problems

<u>Item</u>	<u>Problem Description</u>
1.2.1	Satellite channels no sound
1.2.2	Woofer channel no sound
1.2.3	Woofer no power

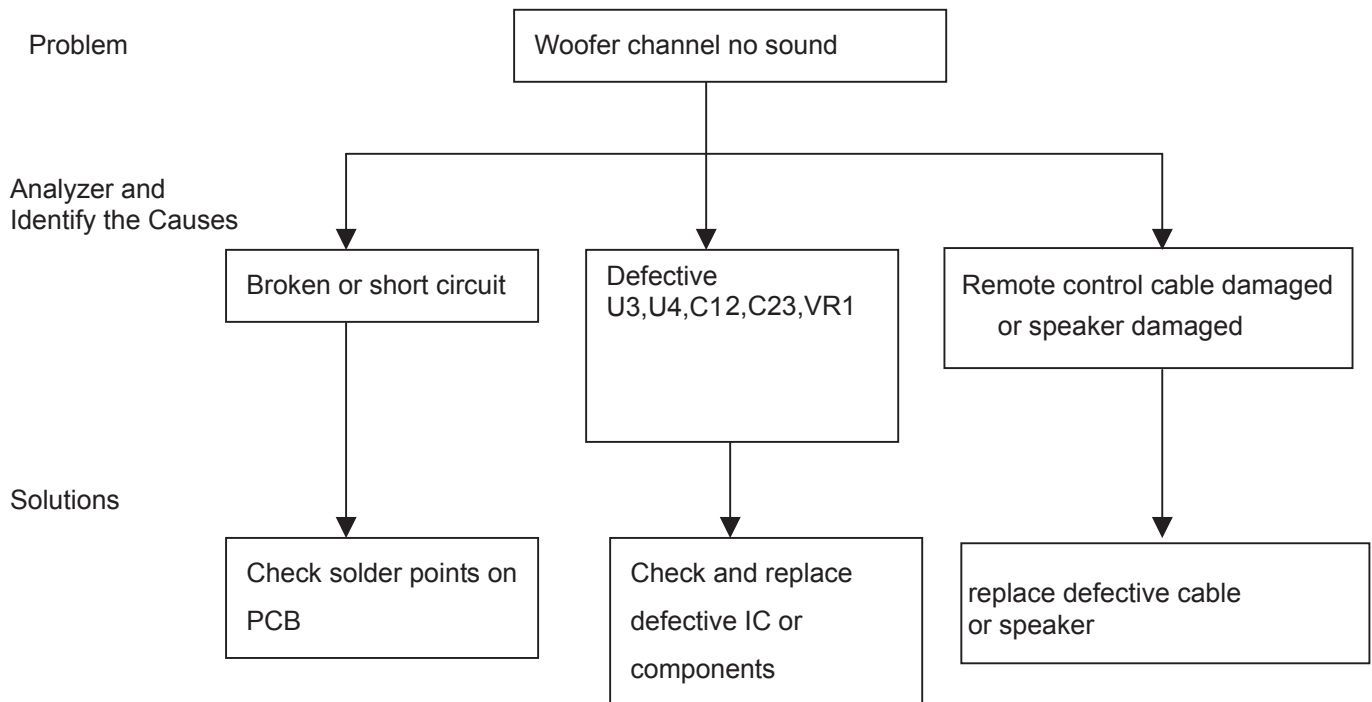
* Attention

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.

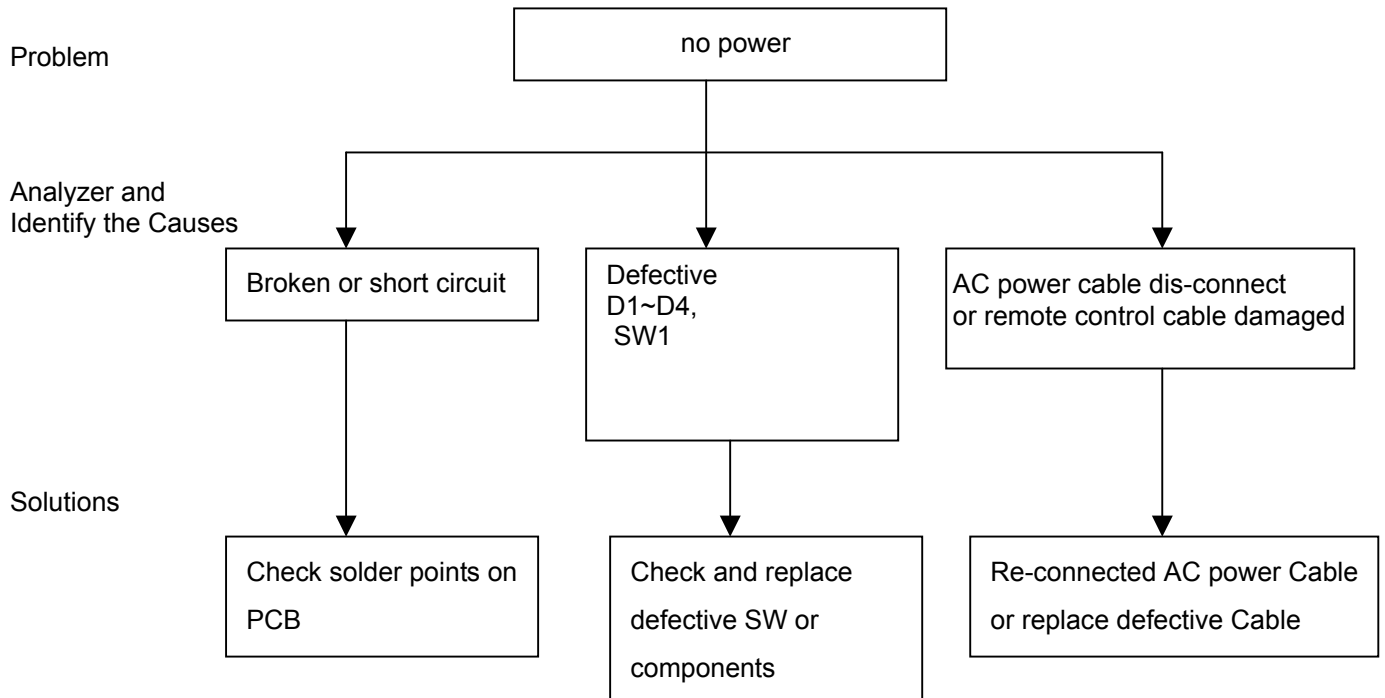
1.2.1 Satellite channels no sound



1.2.2 Woofer channel no sound



1.2.3 no power



Chapter 2. Specifications

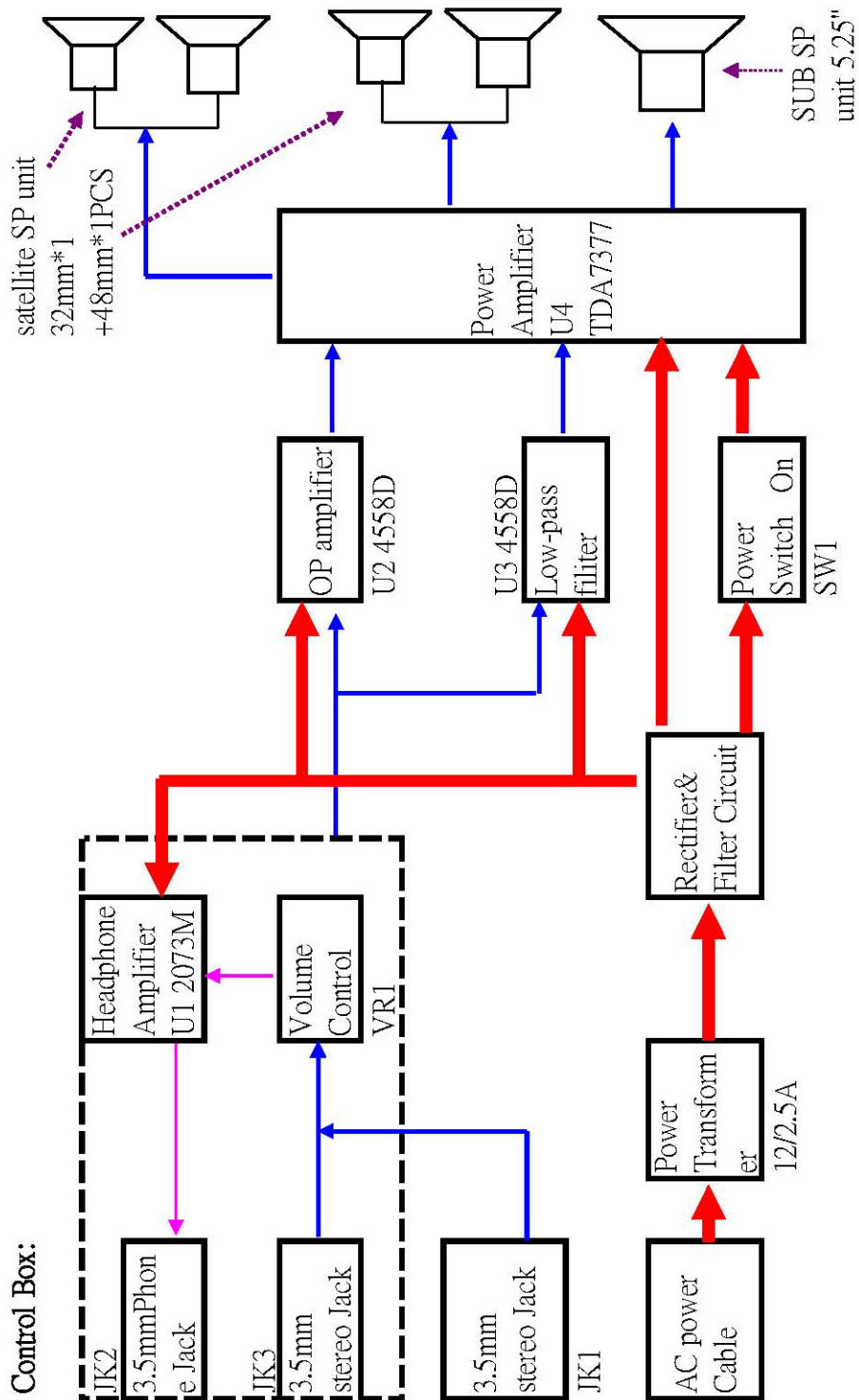
Satellite (AT 1KHZ):

NO	Description	Unit	Specifications
1	Out Power at THD 10%	W	5 ± 0.5
2	Sensitivity	mV	320 ± 50
3	Freq Response (Ref:-3dB)	Hz	75~20K
4	S/N ratio	dB	≥ 50
5	Hum & Noise Vol:max	mV	≤ 3

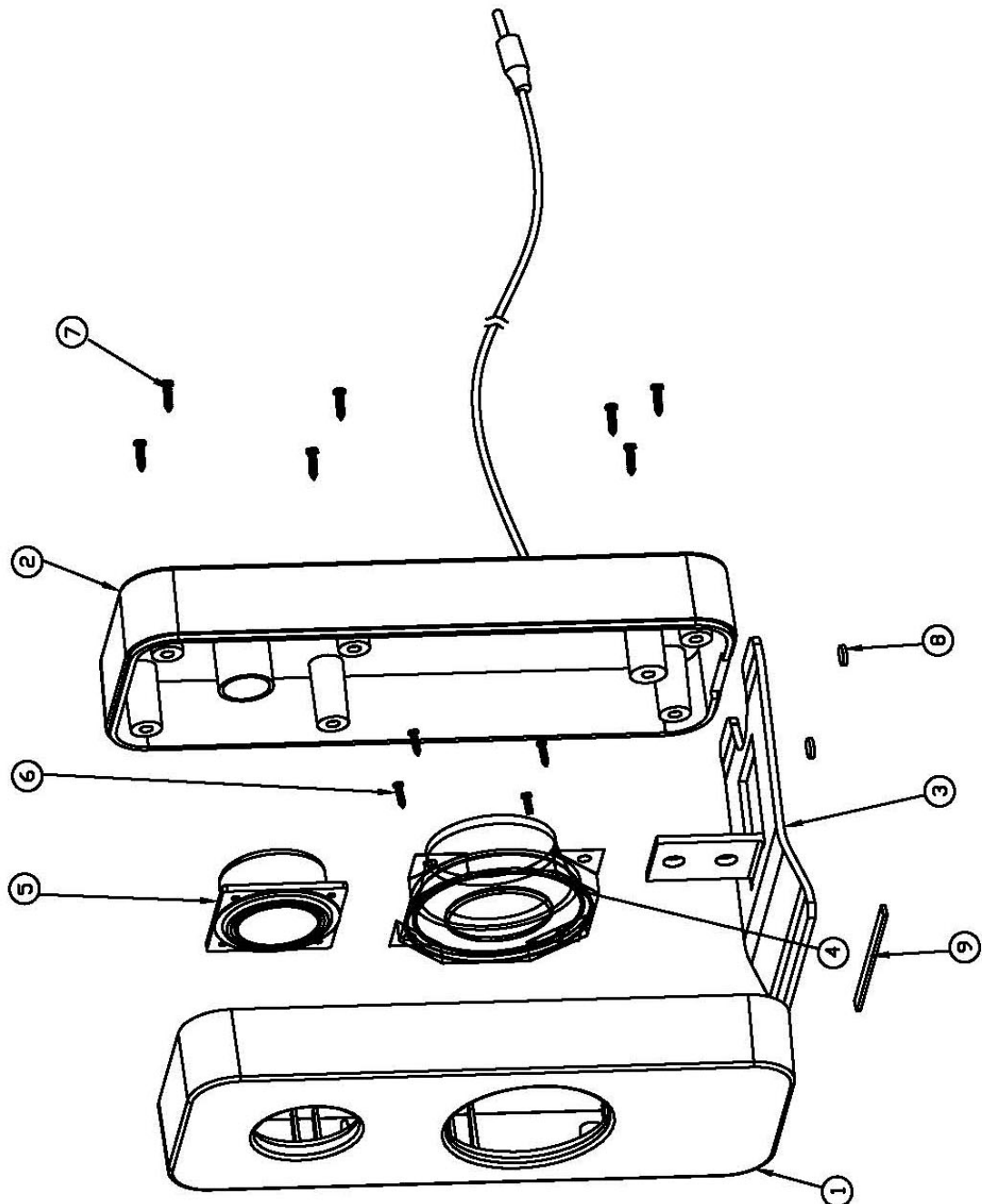
Host(woofer) (AT 100HZ):

NO	Description	Unit	Specifications
1	Out Power at THD 10%	W	18 ± 3
2	Sensitivity	mV	180 ± 50
3	Freq Response (Ref:-3dB)	Hz	17~200Hz
4	S/N ratio	dB	≥ 45
5	Hum & Noise Vol:max	mV	≤ 5

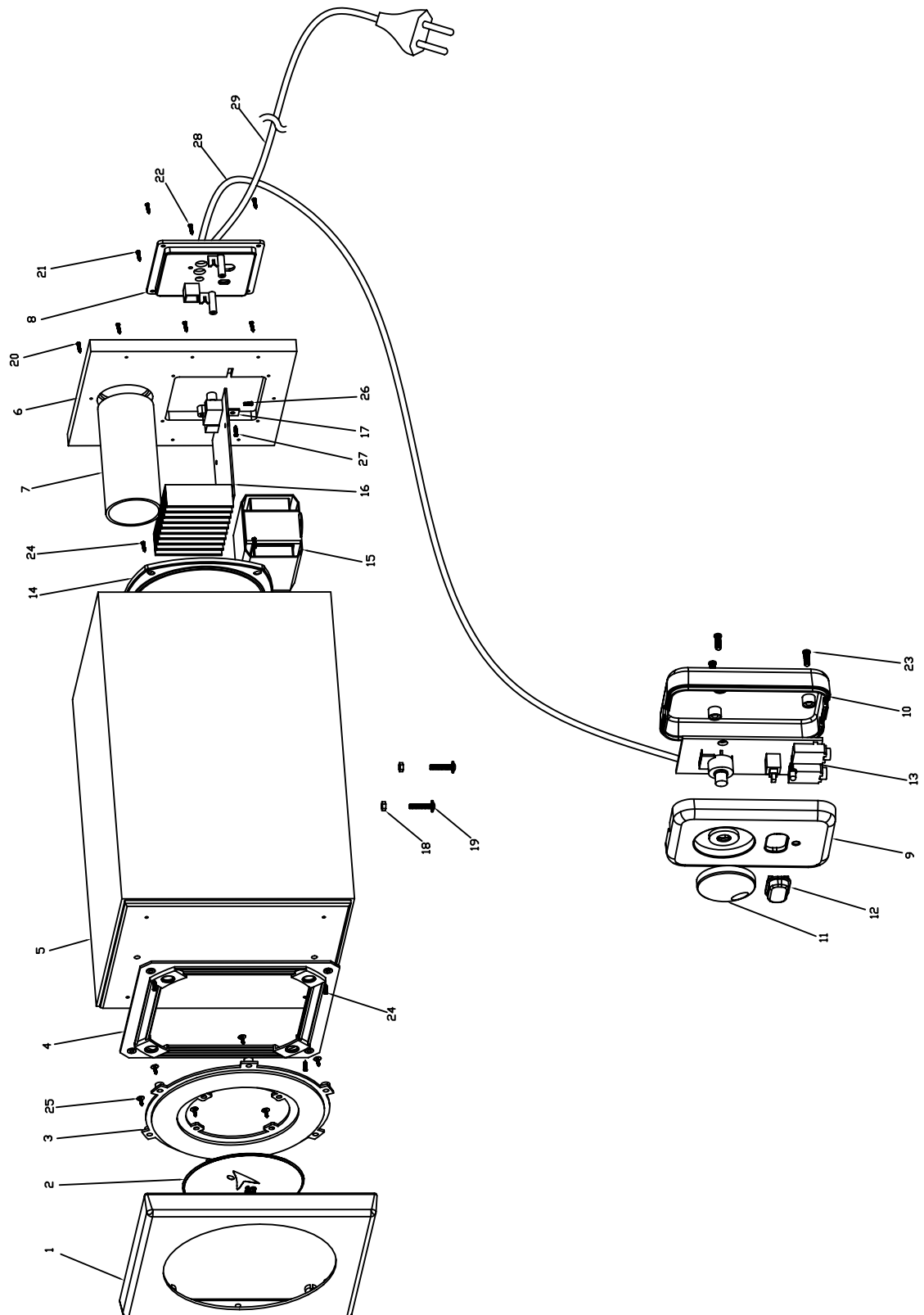
Chapter 3. Block Diagram



Satellite



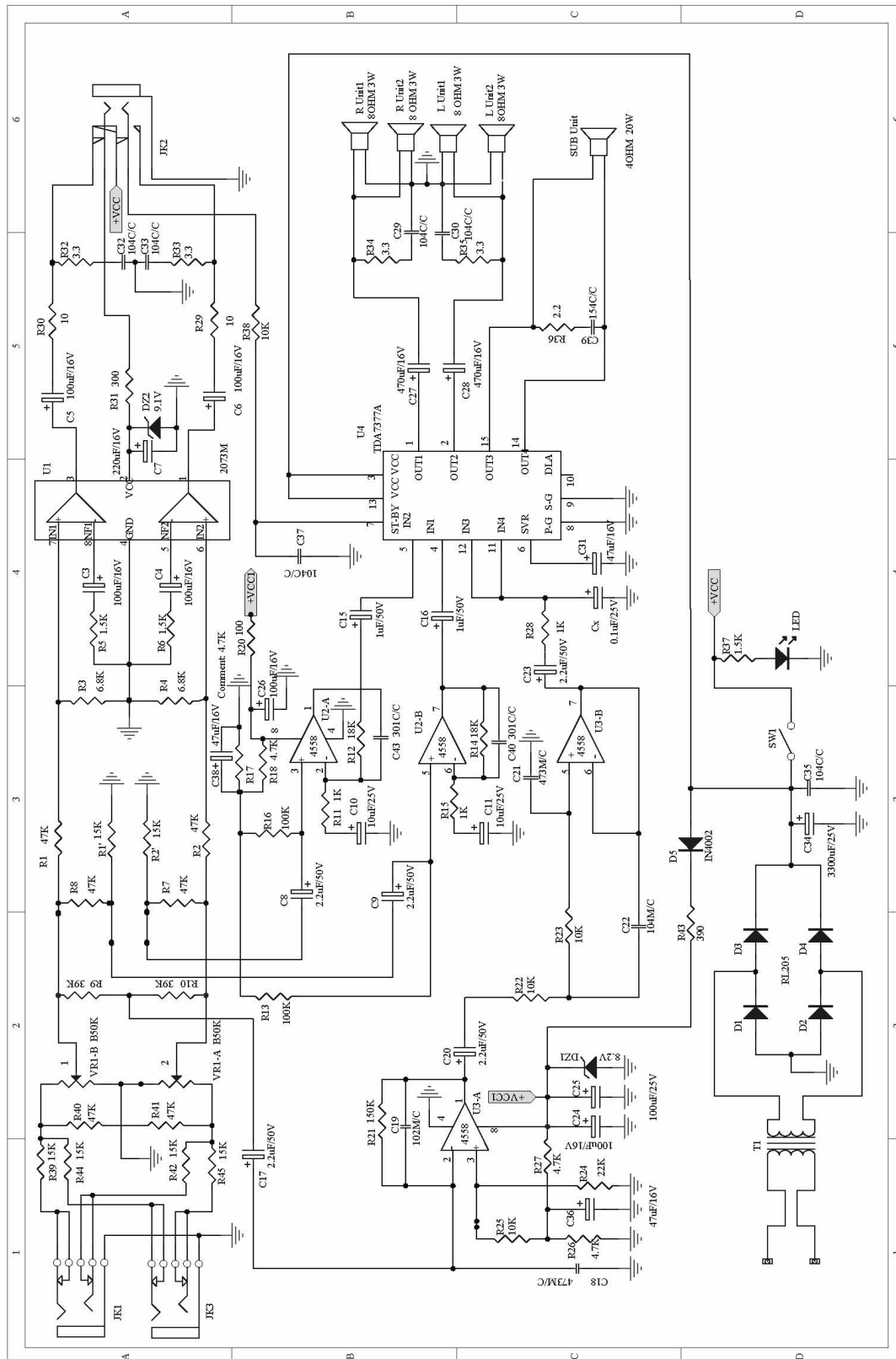
Host(Woofer)



Chapter 5. Part List

No	DESCRIPTION	UNIT	Q'TY	Part No
1	SW-2.1 1100/BODY/WOOFER/230-EU	PCS	1	1100-001
2	SW-2.1 1100/BODY/SATELLITE-L	PCS	1	1100-002
3	SW-2.1 1100/BODY/SATELLITE-R	PCS	1	1100-003
4	SW-2.1 1100/BODY/CONTROL BOX	PCS	2	1100-004
5	Speaker unit 8Ω4W 48mm	PCS	2	1100-005
6	Speaker unit 5.25" 4Ω30W	PCS	1	1100-006
7	Speaker unit 8Ω3W 32mm	PCS	2	1100-007
8	PCBA SW-2.1 1100/Main	PCS	1	1100-008
9	PCBA SW-2.1 1100/Control	PCS	1	1100-009
10	IC TDA7377A	PCS	1	1100-010
11	IC NJM4558D DIP 8Pin	PCS	2	1100-011
12	IC NJM2073M SOP 8PIN	PCS	1	1100-012
13	Transformer 230V/50Hz;12V/2.5A EI-57	PCS	1	1100-013
14	Audio Cable PB' 3.5mm to 3.5mm L=1.8m	PCS	1	1100-014
15	Audio Cable PB' 3.5mm to 3.5mm L=30CM	PCS	2	1100-015
16	Rubber Φ20*4mm/woofer	PCS	4	1100-016
17	Cushion 51*3*1mm EVA/satellite	PCS	2	1100-017
18	Cushion Φ5*1mm EVA/Control box	PCS	8	1100-018
19	PE Bag SW-2.1 1100/woofer	PCS	1	1100-019
20	PE Bag SW-2.1 1100/Satellite	PCS	2	1100-020
21	PE Bag SW-2.1 1100/control box	PCS	1	1100-021
22	PE Bag SW-2.1 1100/cable	PCS	5	1100-022
23	Lable "QC PASS"/woofer	PCS	1	1100-023
24	S/N Lable /Woofer& Color Box	PCS	2	1100-024
25	CE lable/woofer	PCS	1	1100-025
26	Manual SW-2.1 1100	PCS	1	1100-026
27	Cushion SW-2.1 1100	SET	1	1100-027
28	Color Box SW-2.1 1100	PCS	1	1100-028
29	Carton SW-2.1 1100	PCS	1	1100-029

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.