Rev.	Modified Chapters	Modification Description	Issued Dept.	Issued by	Revised Date
1.00		First release	GTC	Ariel_wang	Mar.5,2010

1.Objectives

Create Cine5 test procedure.

2.Scope

Model: ES-M600 & ES-M600_SUB
PN: YAA0H0 & YAA0I0

3.Test Item

4.Relevant Document

None.

5.Definition

6.Operation Procedures:

6.1 Attention

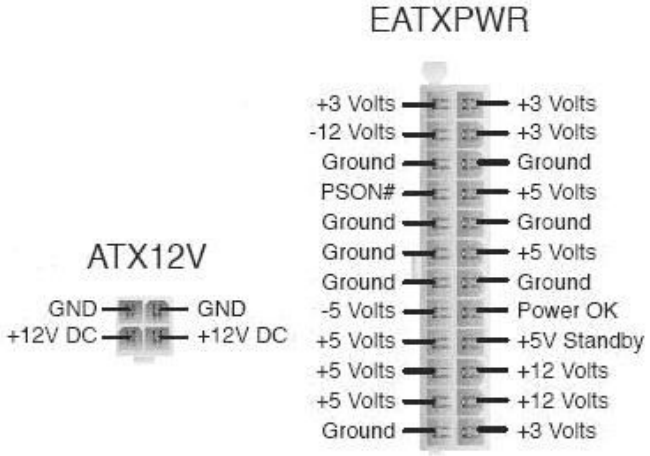
6.1.1 To avoid damage device or M/B and discharge after turn off A/C power.

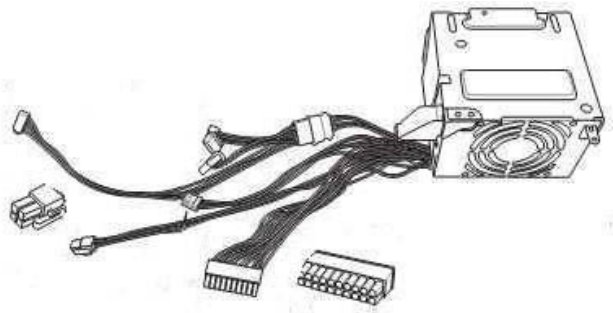
6.1.2 While unplugging the card, do it in upright direction to avoid damage deviation to golden finger.

6.1.3 If it happens in problem, please inform to test supervisor. According to the ATX power specification, the +5V standby voltage is existing While AC 110V is connecting, for safely reason, Turn off main power when test is idling or during break time.

6.2 Prepared Item

6.2.1 Install Intel P5 CPU & CPU Fan.
6.2.2 Install DDR2 533 MHz 512MB Memory to DIMM~A1/A2/B1/B2.
6.2.3 Plug PS/2 mouse and keyboard into PS/2 port.
6.2.4 Connect LCD to onboard VGA port.
6.2.5 Plug 4PIN 12V power cable into CON12V.
6.2.6 Plug ATX Power on Power Connector.

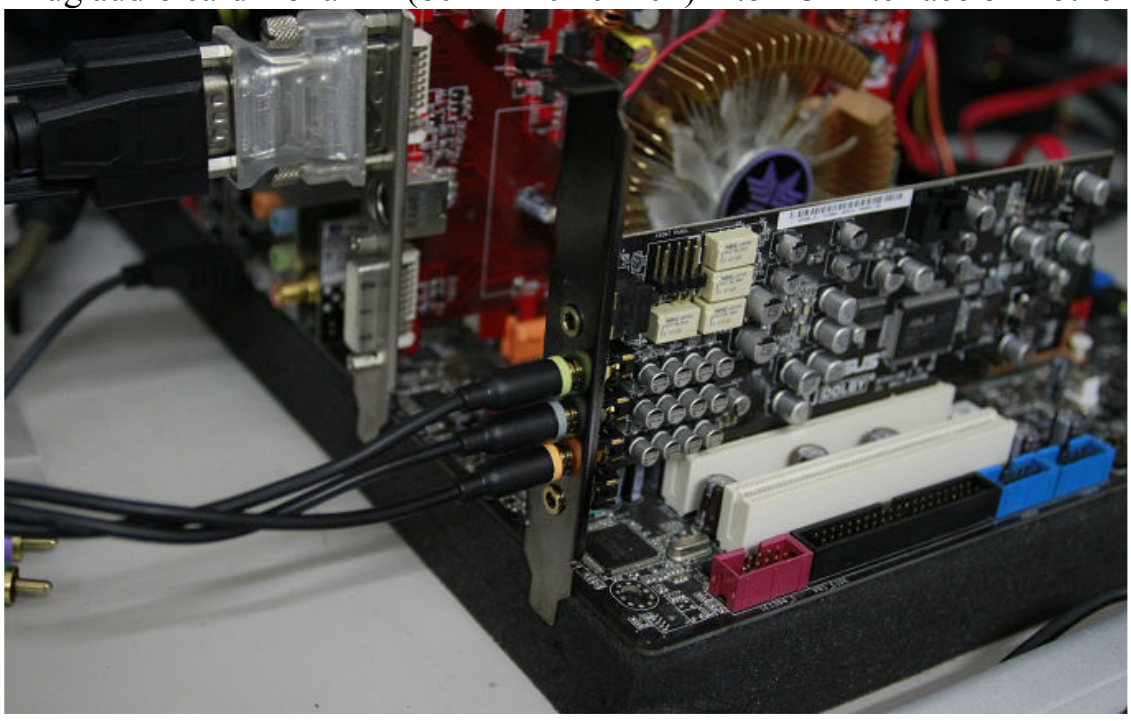




5.2.7 Plug SATA HDD with test program into SATA1.

SATA1

6.2.8 Plug audio card Xonar D1(80-YAA0B0-A01) into PCI interface of motherboard.



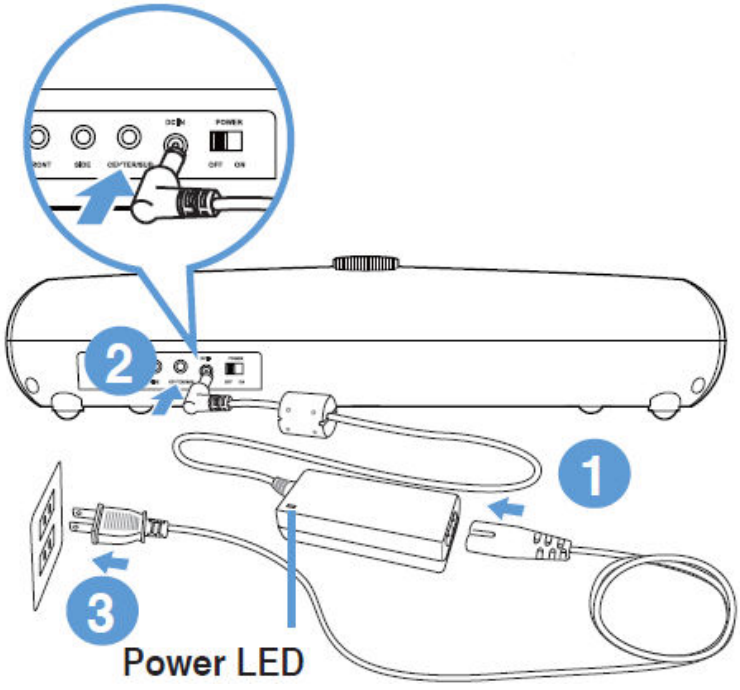
6.2.9 Please setup Microsoft Windows XP system,then Install Xonar D1 audio card driver to test the speaker.

6.2.10 Plug in Cine5 power supply to Cine5 speaker

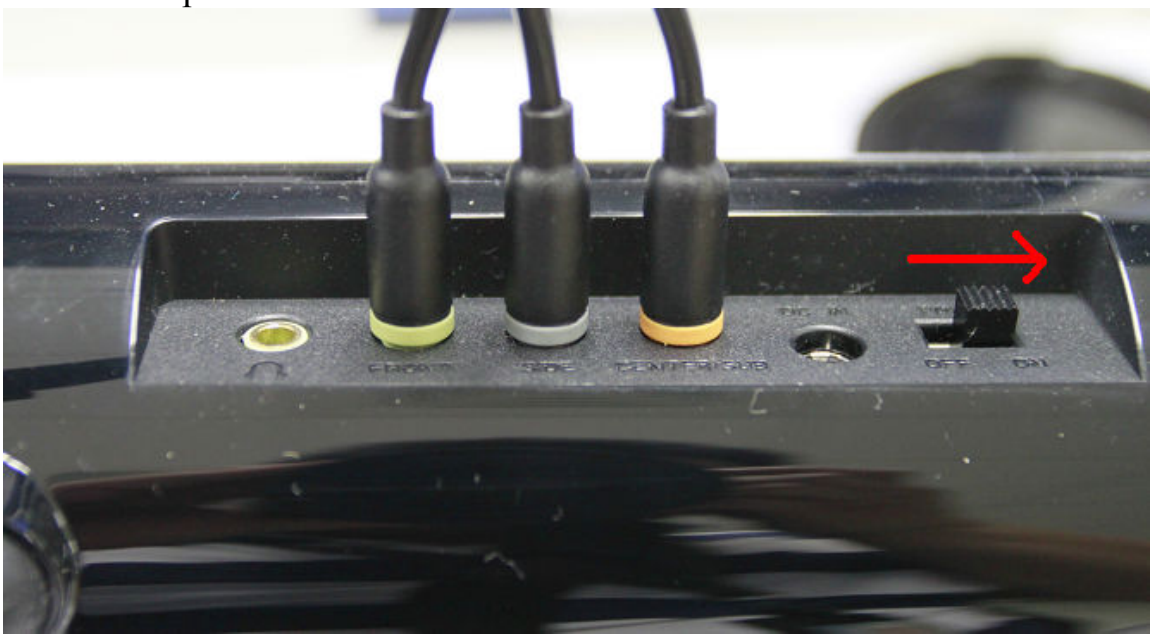
(a) Connect the AC power cord to the AC adapter.

(b) Connect the AC adapter to the DC IN port at the back of your speaker.

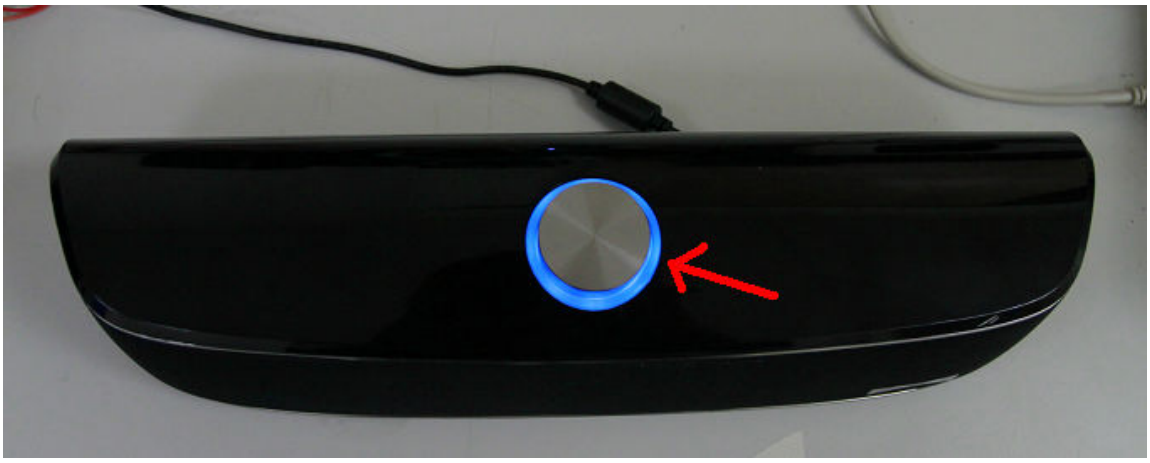
(c) Plug the AC power cord into a power outlet. The power LED on the AC adapter lights blue.



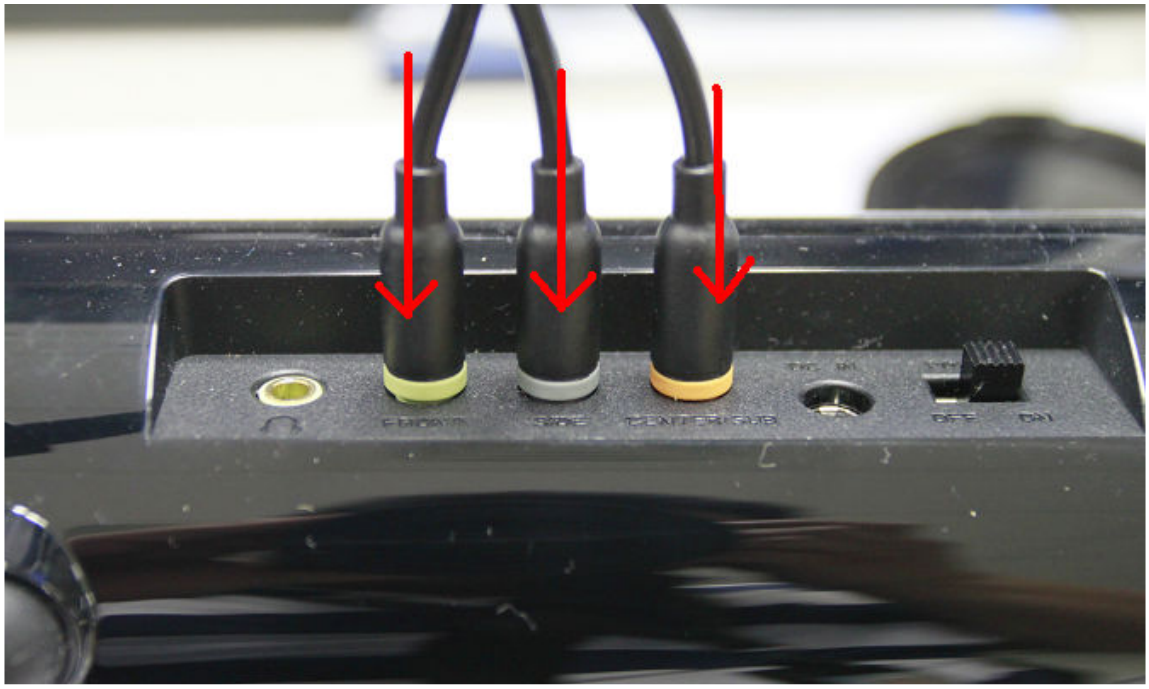
6.2.11 Turn on the power swith.

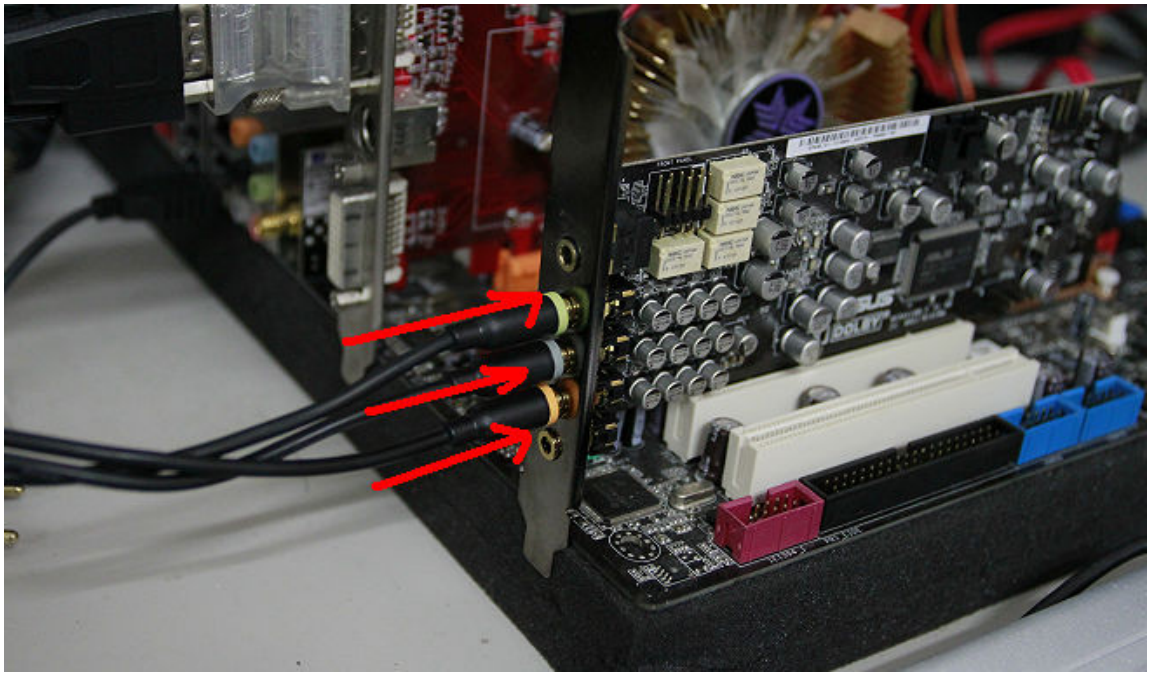


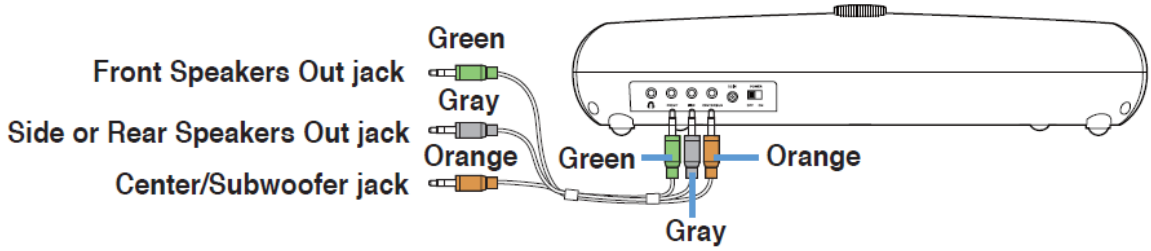
6.2.12 Check LED is work or not



6.2.13 Then plug the audio cable by color







IMPORTANT:

- The Side and Rear Speakers Out jacks (black or gray) vary with motherboard/soundcard design.
- To ensure that the speaker is connected properly, run a speak test in 5.1-channel setup in your audio configuration utility.

NOTE: The 5.1-channel audio cable is an optional item.

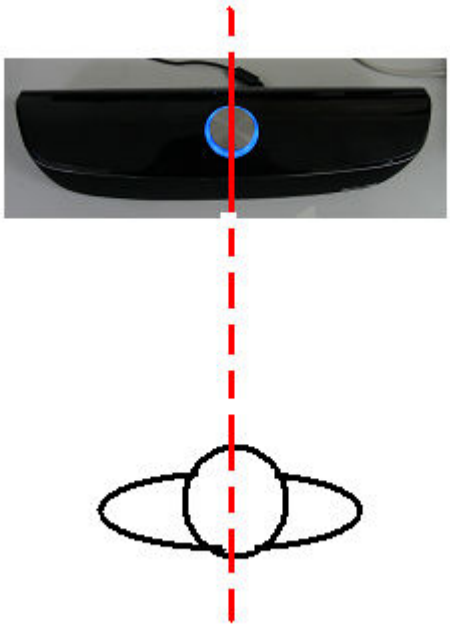
6.2.14 Setup Xonar D1 audio card driver

6.2.14.1 Set PCM 48KHz

6.2.14.2 Set 5.1 speakers

6.2.14.3 Set speaker test

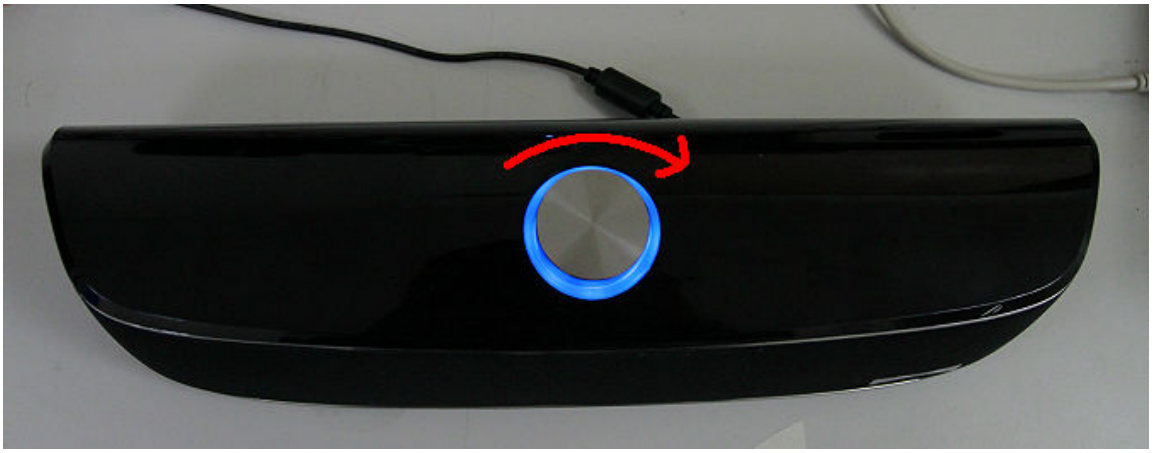
6.2.15 Please sit at the center line of the speaker.



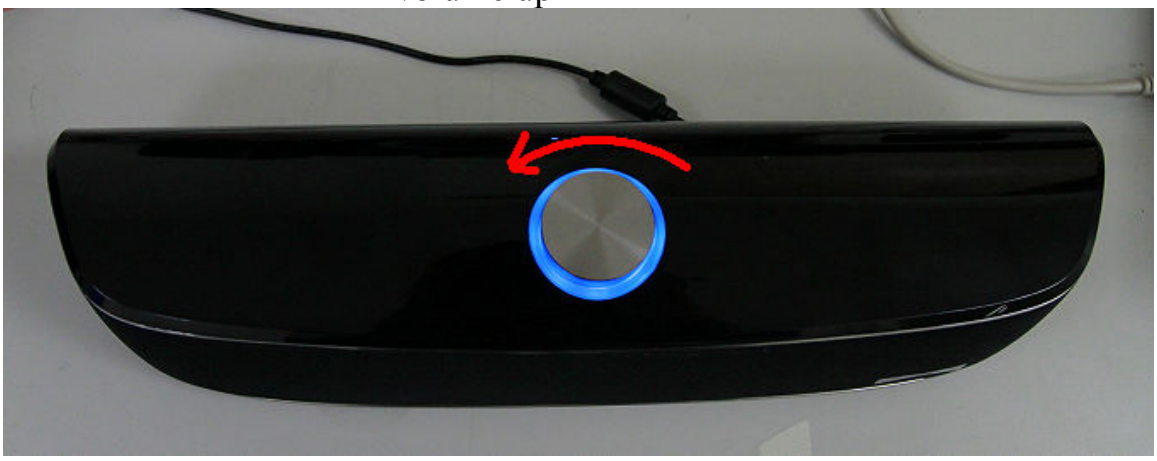
6.2.16 Click the 5.1 speaker icon to test the Cine5

6.2.17 You should feel the sound come from 5 difference location. As the 5.1 speaker system.(without subwoofer)

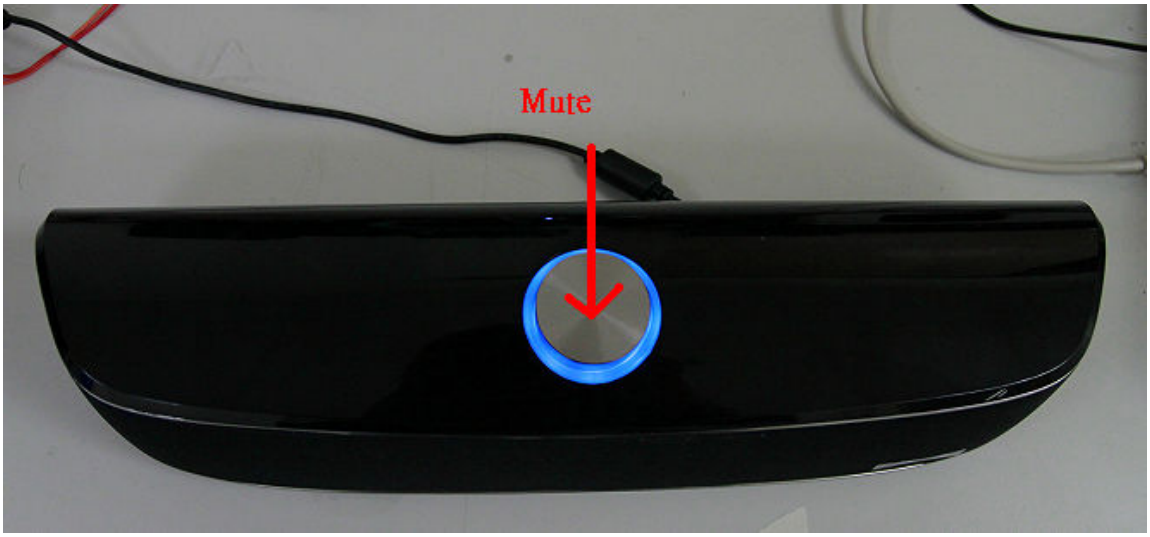
6.2.18 Check volume control and Mute function



Volume up

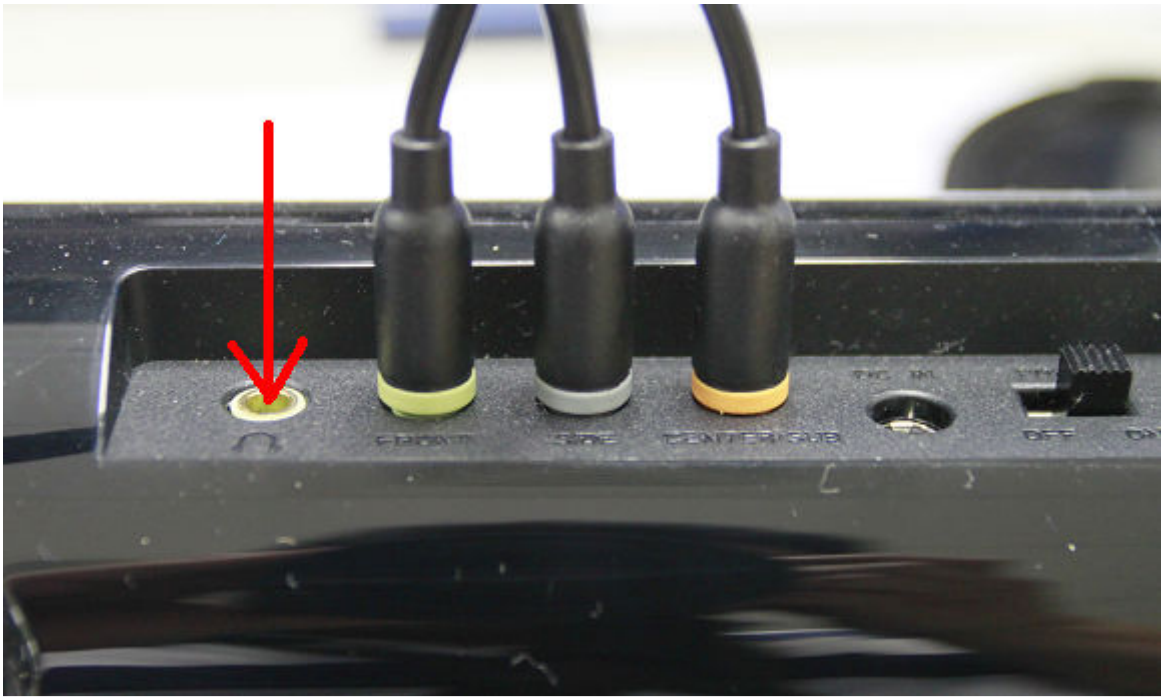


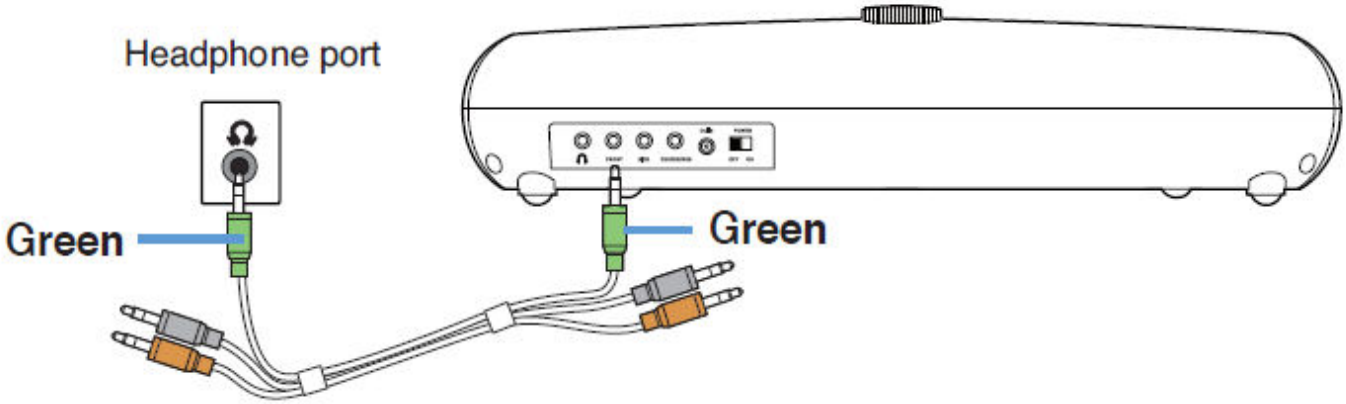
Volume down



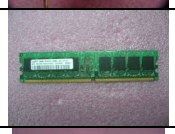
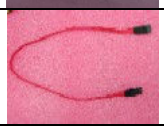
Mute

6.2.19 Play some music(eg:from MP3) and plug the Headphone in and check it work or not (When you plug headphone ,the speaker out will mute)




Headphone port
Green
Green

7.Appendix

NO#	Equipment Description	ASUS Part#	Supplier	Quantity	Remarks
1	PS/2 KEYBOARD			1	
2	PS/2 MOUSE	20-528000004		1	
3	ATX POWER SUPPLY			1	
4	INTEL P5 CPU			1	
5	Heat sink + FAN	22-240000160		1	
6	DDR2533 MEMORY MODULE	22-T00450301		4	
7	Test HDD			1	
8	SATA HDD Cable	14-000107070	ASUS	1	
9	Xonar D1	80-YAA0B0-A01	ASUS	1	
10	SAMSUNG 2232MW (With HDMI port and Speaker)		Buy in local	1	
11	HDMI extend cable		Buy in local	2	
12	3.5mm jack 5.1-channel audio cable				
13	Graphic Card (with HDMI port)		Buy in local	1	
14	P5B-VM SE	MBB4RY	ASUS	1	
15	AC power cord			1	
16	AC adapter			1	
17	ASUS Cine5 PC Speaker				