# VIA High Definition Audio VDeck User Guide

# Black Skin

*For ASUS Only*

# Table of Contents

# Introduction

VIA High Definition Audio Vdeck – Black Skin Control Panel provides a user-friendly interface for you to configure the audio system empowered by VIA High Definition Audio Codec.

The Black Skin Control Panel supports Microsoft Windows Vista and Windows 7.

# Getting Started

The Black Skin Control Panel provides two modes:

1.  Simple Mode
2.  Expert Mode

When you open the Black Skin Control Panel, by default it is in Simple Mode.
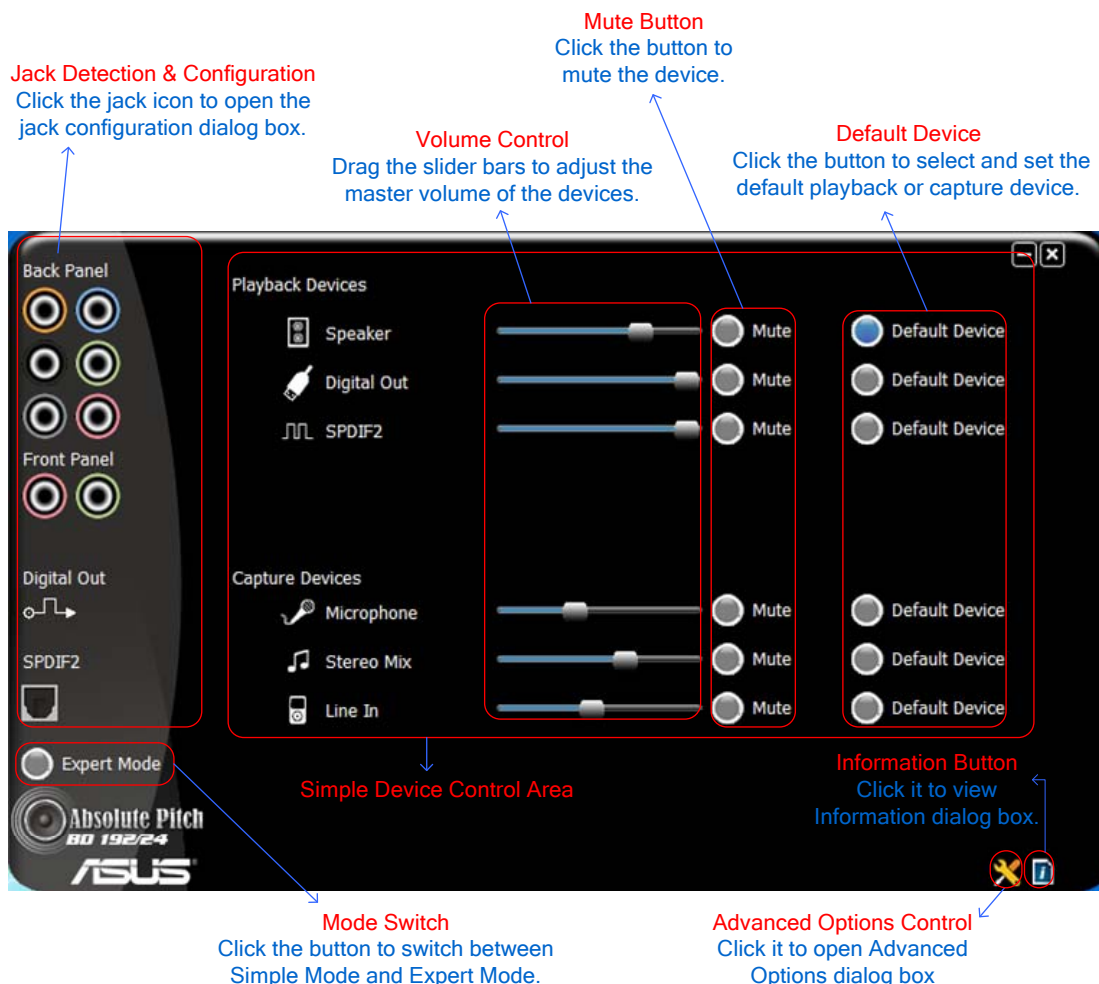
# Simple Mode

Simple Device Control



**Figure 1.   Control Panel Interface – Simple Mode**

# Exert Mode

The Expert Mode provides function pages for advanced settings depending upon the devices selected.
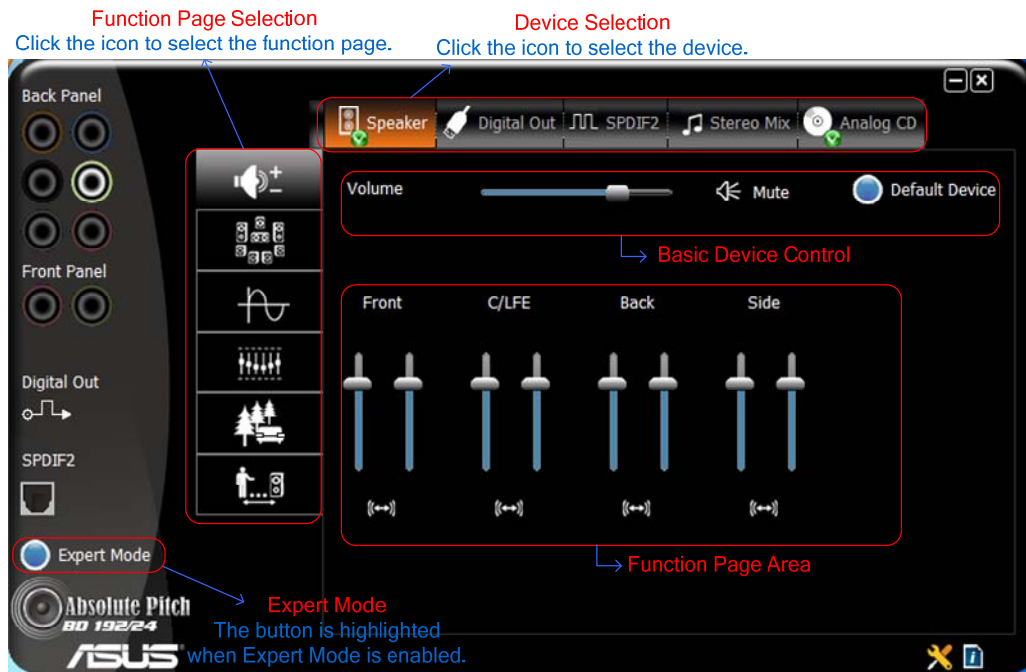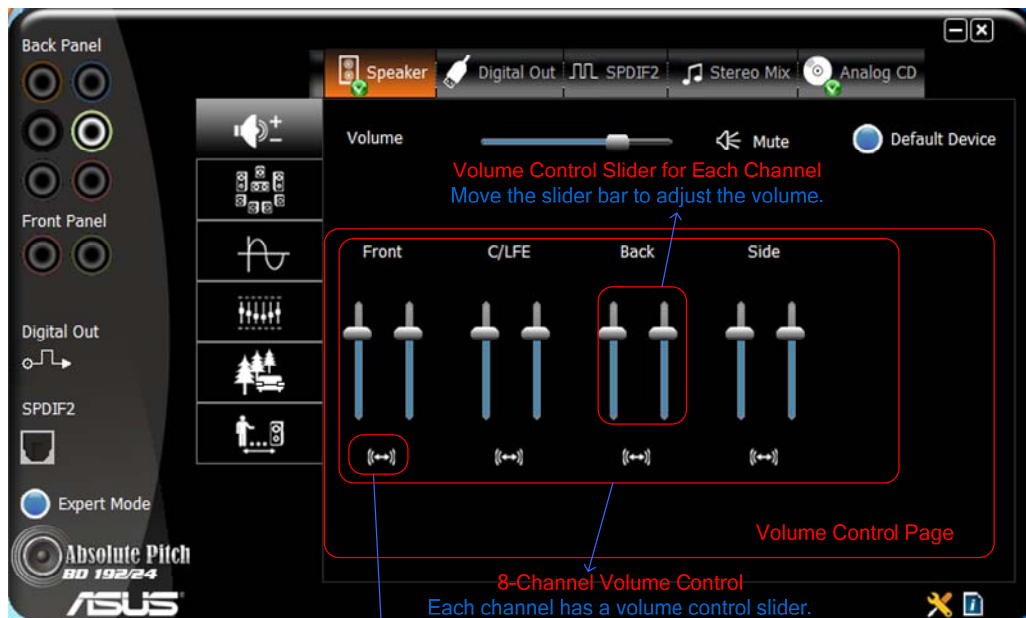


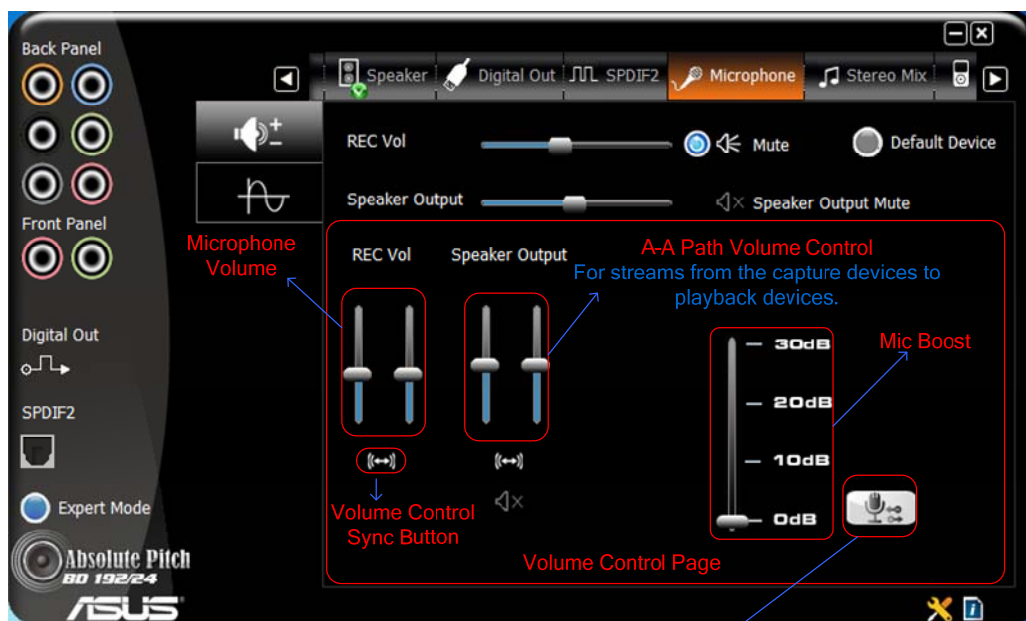**Figure 2.  Control Panel Interface – Expert Mode**

## Volume Control Page



**Figure 3.  Speaker Volume Control Page**



**Figure 4.  Microphone Volume Control Page with A-A path and Mic-Boost**

## Speaker Test Page

Use the Speaker Test Page and Headphone Test Page to configure the speaker and headphone functions.



**Figure 5.   Speaker Test Page**

## Speaker Options

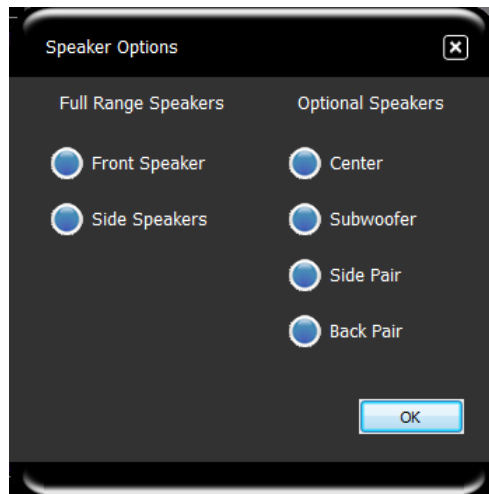Use the dialog box to set the advanced options for the speakers, and click "OK".



**Figure 6.   Speaker Options Dialog Box**

## Headphone Test Page



**Figure 7.   Headphone Test Page**

## Default Format Page

Use this page to control the sample rates and bit depth of the playback or recording devices.

Click the respective buttons to set the sample rate or bit depth.
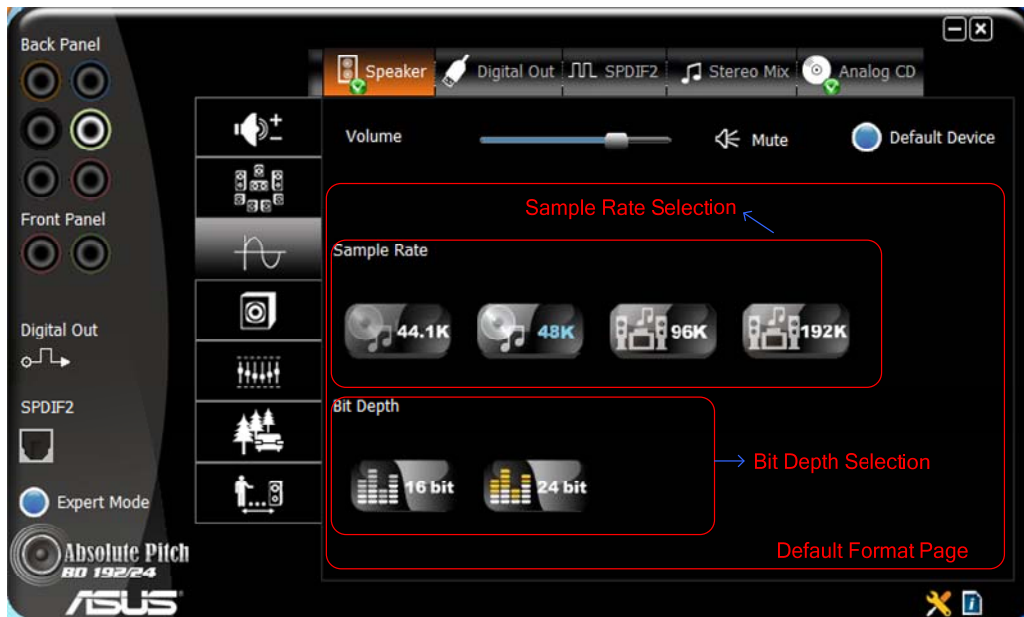
The selected buttons will be highlighted.



**Figure 8.    Default Format Page**

## Bass Management Page

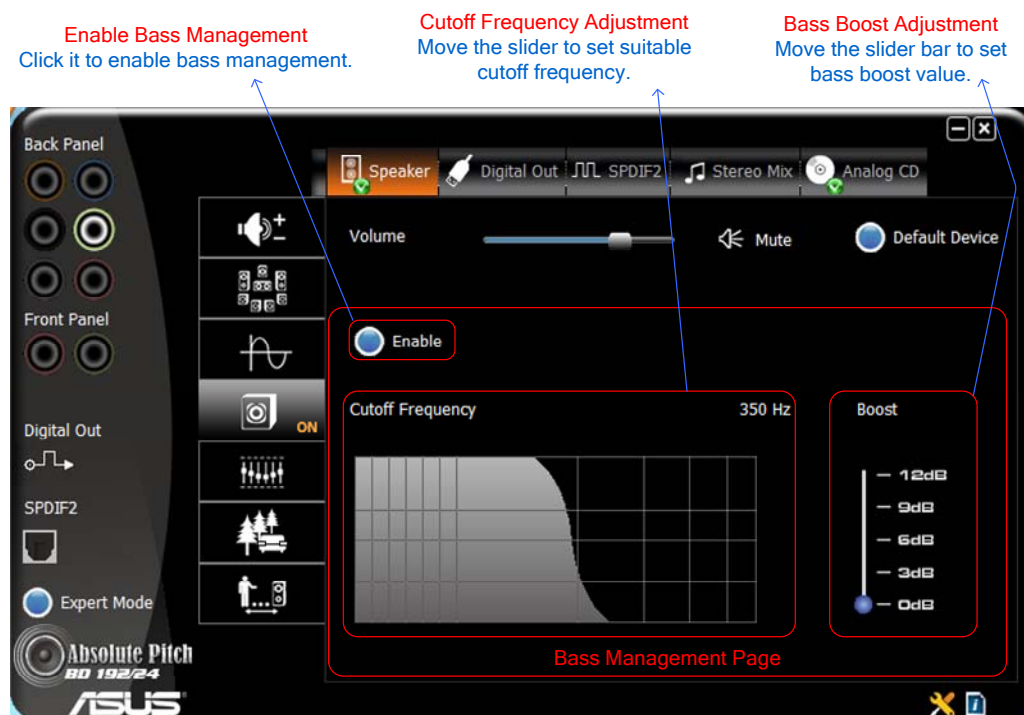Use this page to configure the features of speaker devices.



**Figure 9.    Bass Management Page**

## Equalizer Management Page

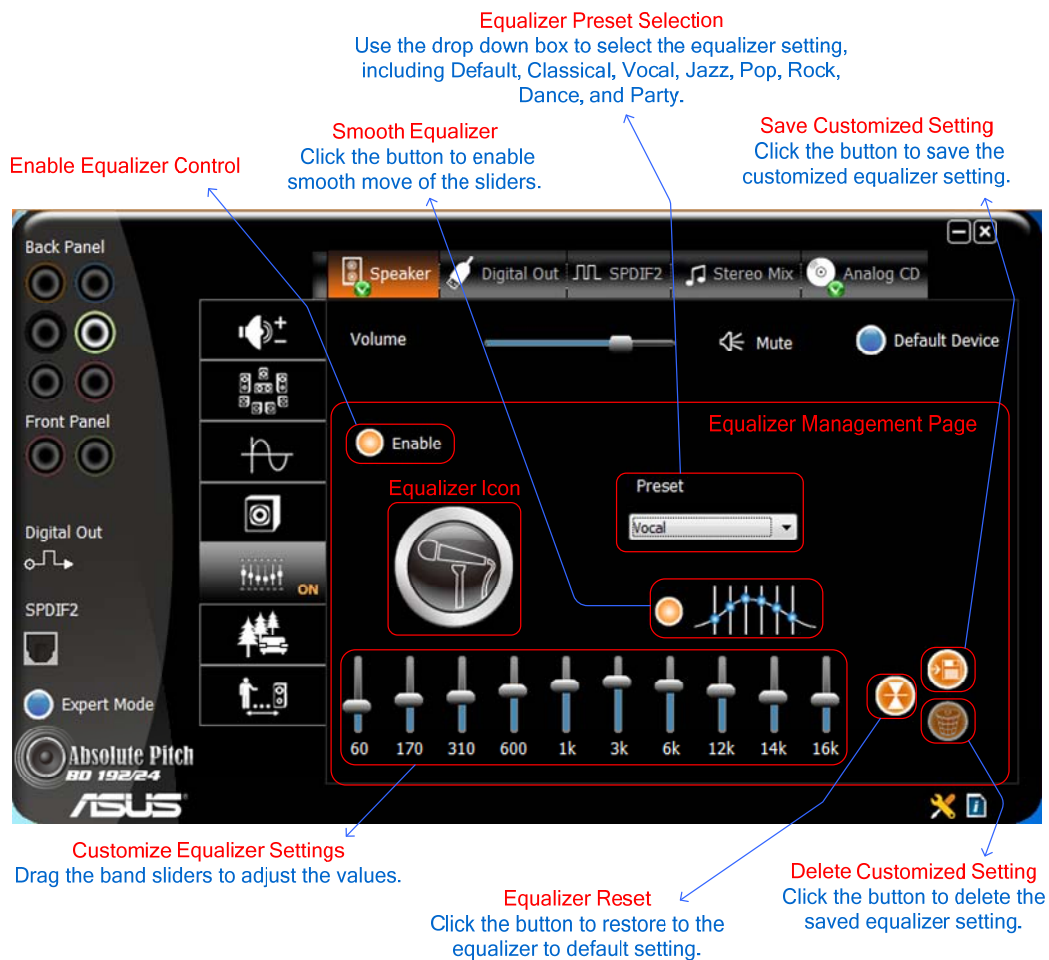Use this page to set the equalizer of the speakers and headphones.



**Figure 10.    Equalizer Management Page**

## Environment Modeling Page

Use this page to set the sound-effect environment for the speakers and headphones.
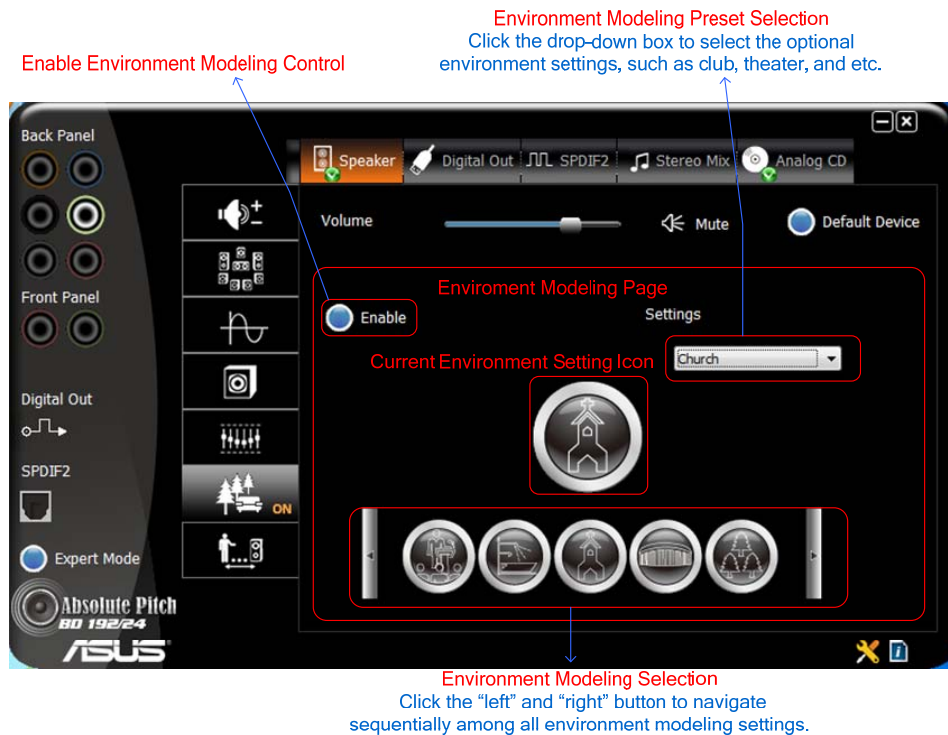


**Figure 11.   Environment Modeling Page**

## Room Correction Page

Use this page to configure the room correction values for the speakers and headphones.
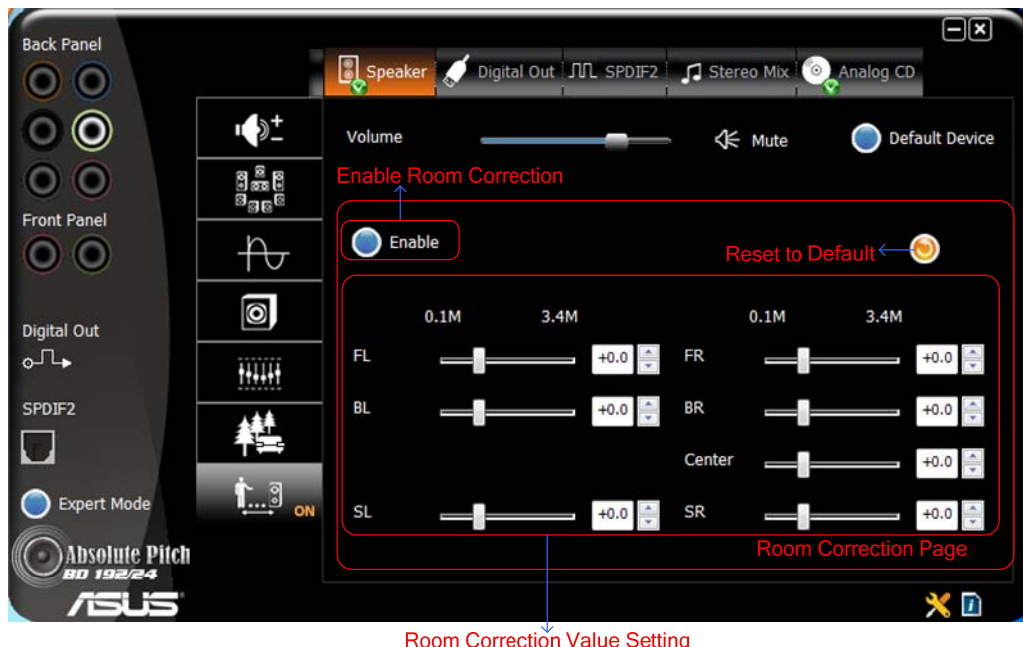


**Figure 12.   Room Correction Page**

# Jack Information and Configuration

Jack Detection and Configuration area shows the information of jack connections. Distinguish the jacks by different colors. You can find the colors that match the jacks at the rear or front part of the computer.

When a device is connected, the respective jack icon is highlighted; otherwise the jack is grey, and the function is disabled.
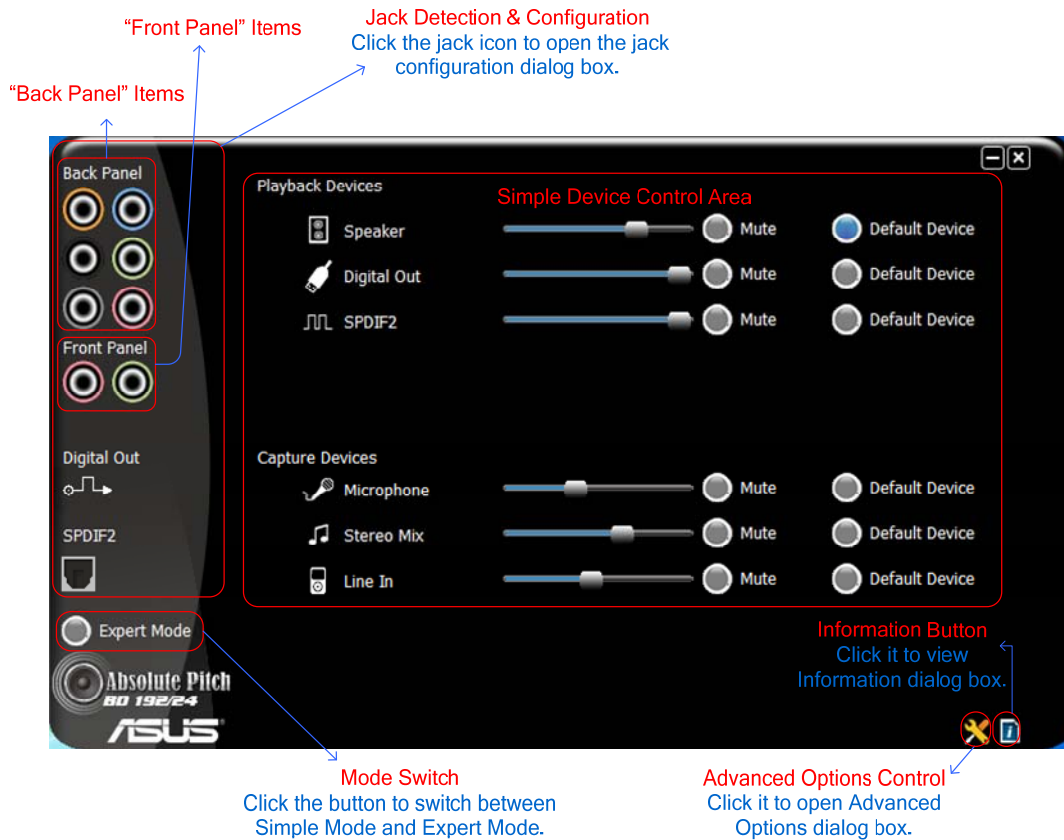


**Figure 13.    Jack Information and Configuration Area**

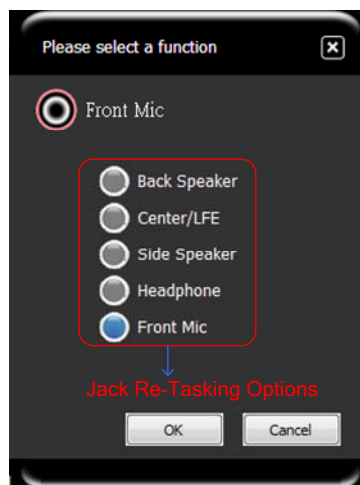As an example, the following figure shows a device being plugged into the "Front Mic" jack.



**Figure 14.    Jack Configuration Dialog Box**

## Advanced Options

This dialog box provides the advanced options.

Redirected Headphone
Copy the speaker's front channel stream to the headphone.

Language Select
Provide multi-language support.
Select the language from the drop-down box.

Check the button to mute the speaker if it is connected to a headphone.
This function is only available when the "Redirected Headphone" is checked.

Enable Front Panel Jack Detection
Check the button to enable the front panel jack detection.

Independent Headphone
Click it to change the headphone to an independent device from the speaker. The different audio streams are from the speaker and headphone separately.
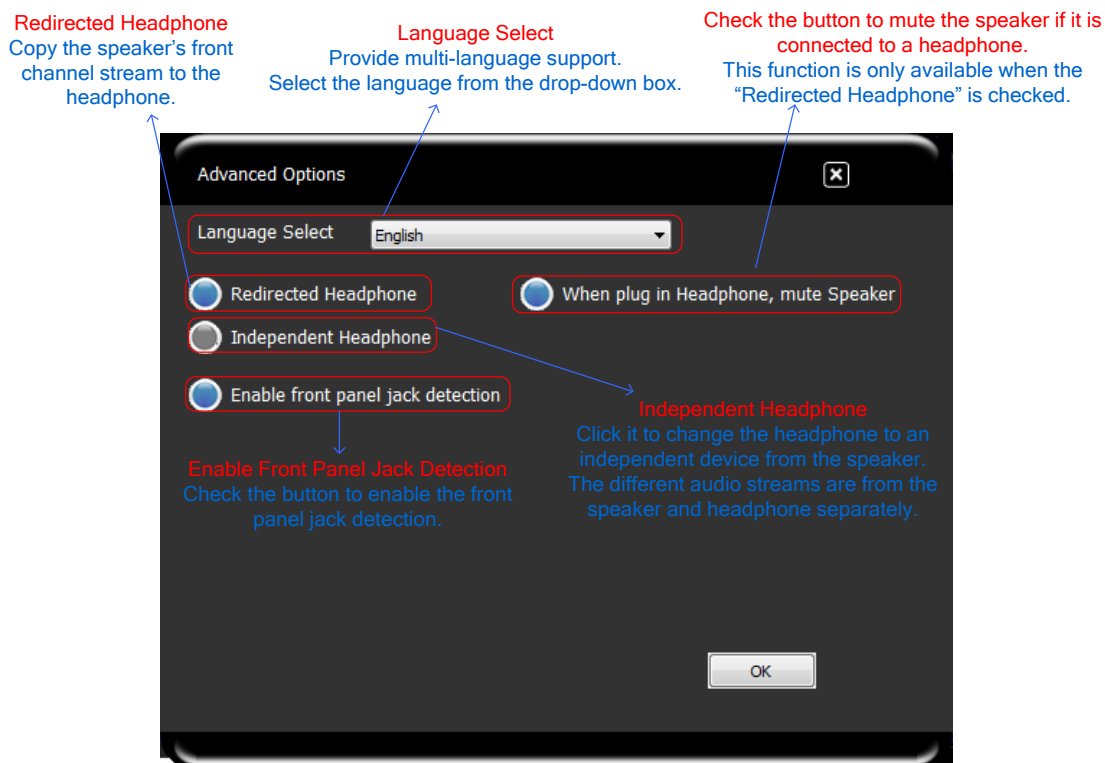
**Figure 15.    Advanced Options Dialog Box**

**Note:**
To set the speaker and headphone as separate and individual audio streams under Windows 7, use different players and set the speaker or headphone as the output device in the respective players.

## Product Information

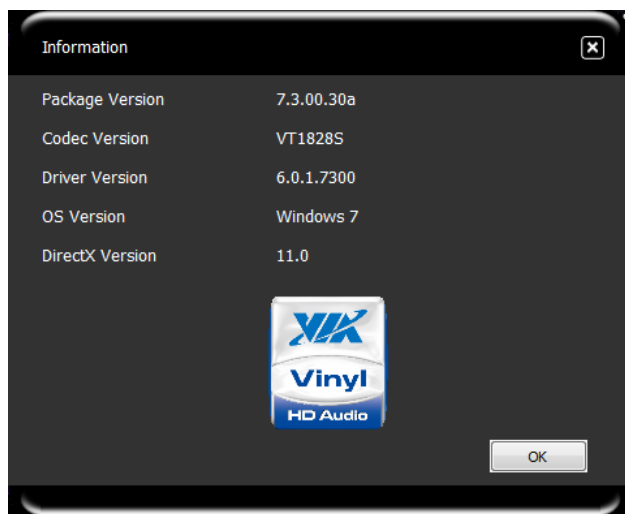Click the "Information" button and the information dialog box will appear.

**Figure 16.    Information Dialog Box**

# Miscellaneous Control

When the VDeck is executed, the VDeck icon will display in the system tray.



**Figure 17.   VDeck Icon in the System Tray**

Right-click the VDeck icon in the system tray, and a small menu will appear.

Click the "VIA HD Audio Deck" to open the VDeck Black Skin Control Panel, or click "Exit" to close VDeck.
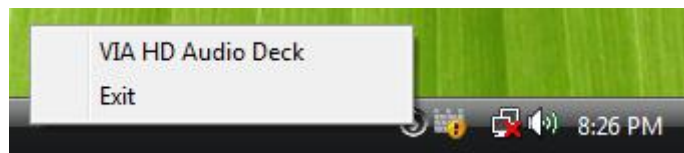


**Figure 18.   Right Click Options**

| Revision History | | |
|---|---|---|
| **Date** | **Rev.** | **Description** |
| 10/7/2009 | 1.3 | Updated formats & drawings |

**VIA Technologies Inc.**
Taiwan Office
1st Floor, No. 531 Chung-Cheng Road
Hsin-Tien Taipei, Taiwan ROC

Tel: (886-2) 2218-5452
Fax: (886-2) 2218-5453
WWW: http://www.via.com.tw