Important Safety Instructions

1. Read these instructions carefully.   Save them for future reference.

2. Do not use chemical solutions to clean this product as it may damage the surface coating.   Use a clean, dry cloth for wiping.

3. Only use accessories recommended by the manufacturer to avoid risks.

4. Do not expose this product to water, rain or humidity.

5. Do not place this product on an unstable cart, stand or table to avoid damages caused by falling.

6. Do not use a cloth or other covers to block or cover the ventilation holes. Do not place this product near a radiator, heat register or in a built-in installation where the ventilation is poor.

7. Do not allow anything to rest in the power cord.   Do not place this product where persons will walk on the cord.

8. Follow all warnings and instructions marked on this product.

9. To avoid damages caused by lightning or intermittent power supply, unplug the power cord from this device during storms or if you are not planning to use this device for a long time.

10. To avoid fire caused by overheating of the power cord, make sure that the total power rating of the equipment plugged into the extension cord does not exceed the extension cord power rating.

11. Do not insert objects into this product through the openings on the casing as they may touch dangerous voltage points or short out parts that could result in a fire or electric shock.   Never spill liquid of any kind on this product.

12. Do not attempt to service this product yourself, as opening or removing covers may expose you to dangerous voltage points or other risks.   Refer all servicing to qualified service personnel.

13.   Unplug the product from the wall outlet and refer servicing to qualified service personnel if any of the following conditions occurs:

    a.   When the power cord or plug is damaged or frayed

    b.   When liquid has spilled into the product

    c.   If the product was exposed to rain or water

    d.   If the product does not operate normally when the operating instructions are followed.   Adjust only those controls that are covered by the operating instructions since improper adjustment may result in damage and will often require extensive work by a qualified technician to restore the product to normal condition.

    e.   If the product has been dropped or the casing has been damaged

    f.   If the product exhibits a distinct change in performance, indicating a need for service

14. Do not operate the switch, controller or metallic connecting wires by force.   When moving this product, unplug the power cord first before disconnecting the metallic wires connected to other peripherals.   Do not pull on the metallic wires.

15. Openings on the casing are provided for ventilation.   Blocking these openings may cause overheating and finally, damage the circuitry.

16. When this product cannot operate normally, refer to "Simple Troubleshooting" for instructions on how to clear the problem.   If problem persists, contact your dealer for service.

FCC Class B Radio Frequency Interference Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.   These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a residential installation.   This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, you are encouraged to try to correct the interference by one or more of the following measures:

a. Reorient or relocate the receiving antenna.

b. Increase the separation between the equipment and the receiver.

c. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

d. Consult the dealer or an experienced radio/TV technician for help.

The changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Doc compliance notice

This digital apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus as set out in the Radio interference Regulations of the Canadian Department of Communications.

"Le present appreil numerque n'emet pas de bruits radioelectriques depassant les limites applicables aux areils numeriques de class B prescrites dans le reglement sur le brouillage radioelectrique edicte par le ministere des Communications du Canada."

Table of Contents

1. Product Overview

This device employs the latest PC USB interface technology.   All you have to do is to plug one end of the USB cable into this device and the other end to the USB connector on the PC, and you have an instant quality sound system!   No sound card is needed.

With the specially designed sub-woofer, you get strong, vibrating and live music and sound effects.   There are separate volume adjustments for the main speakers and the sub-woofer for adjusting to your desired effect.

There is a separate audio input unit that allows you to use this device as an amplifier to connect to ordinary audio components (such as CD player).

2. Installation

2.1 Disassembling

Remove the items from their packaging carefully and check if all the items (as listed below) are complete.

If any item is missing or damaged, contact your vendor immediately for replacement or new items.

Sub-woofer

Speaker
(Left)

Speaker
(Right)

USB Cable

Audio
Cable
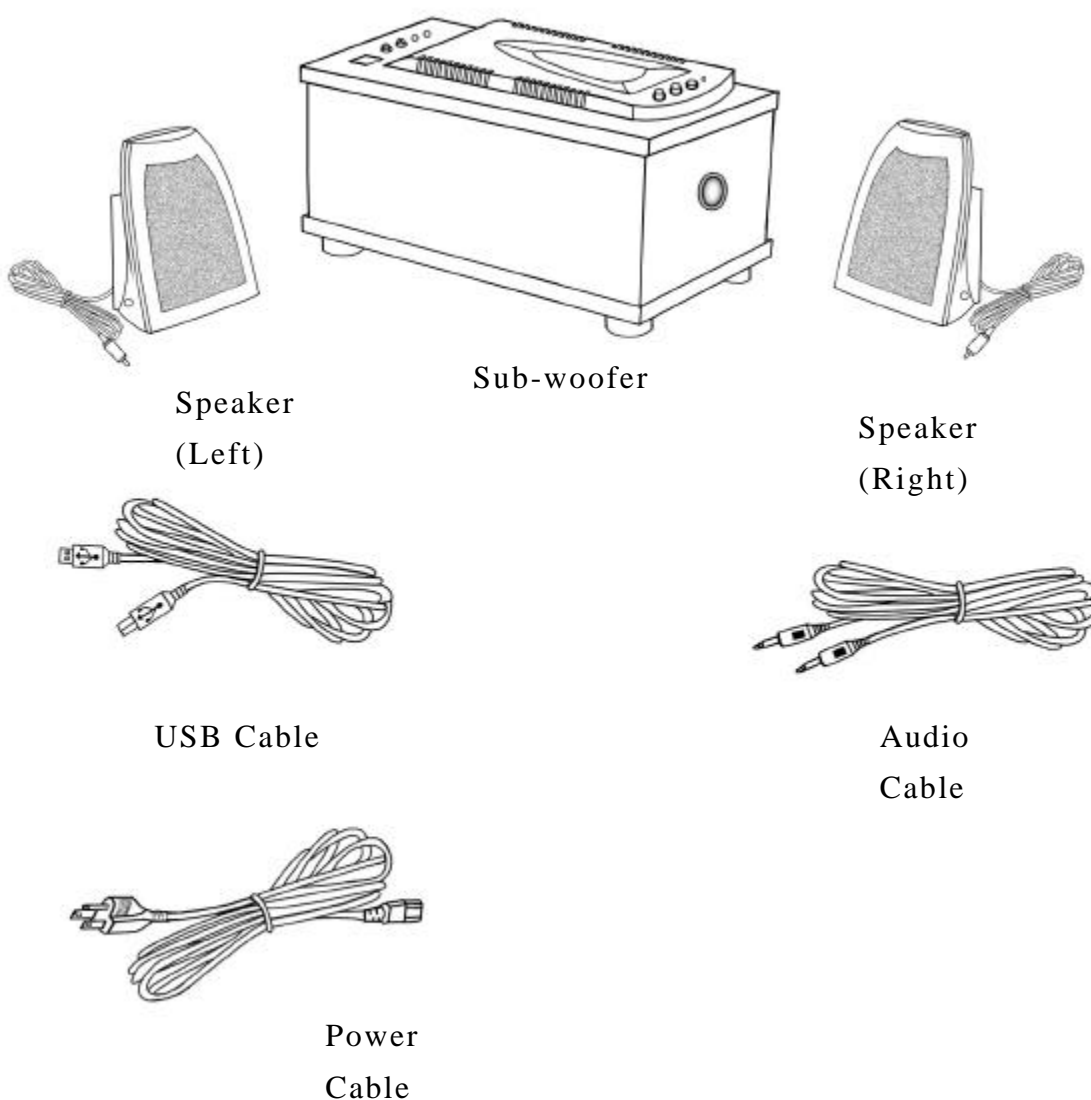
Power
Cable

Note:

Refer to the label pasted on the back for the power specification. Make sure that the power specification complies with your local power requirement.

2.2 System Requirements (Using the USB Interface)

Pentium 166MHz or above system

At least 16MB of RAM

Windows 98 Operating System
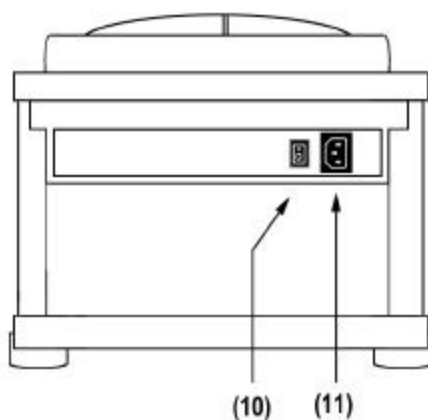
USB Interface Connector

2.3 Introduction of the Front Pan

(1) USB Connector (series B)

(2) Speaker Output Socket (left track)

(3) Speaker Output Socket (right track)

(4) Earphone socket

(5) Audio Input socket

(6) Sub-woofer Volume Control Knob

(7) Speaker Volume Control Knob

(8) Mute On/Off

(9) Power Indicator

(10) Power Switch

(11) Power Socket
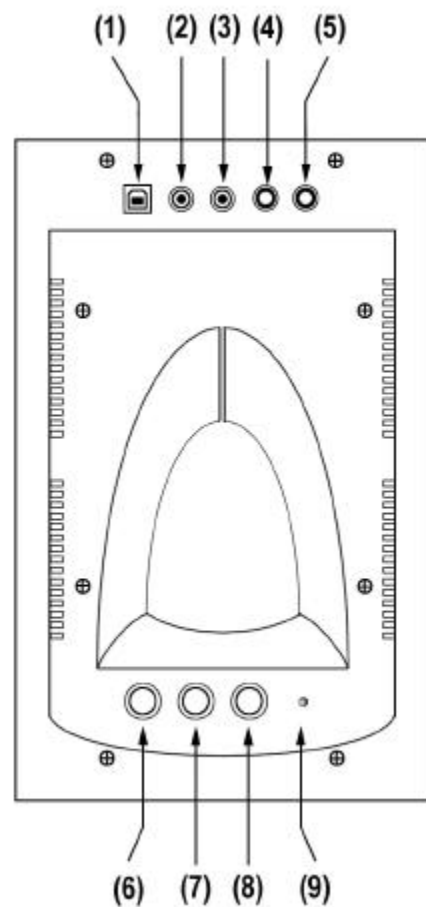
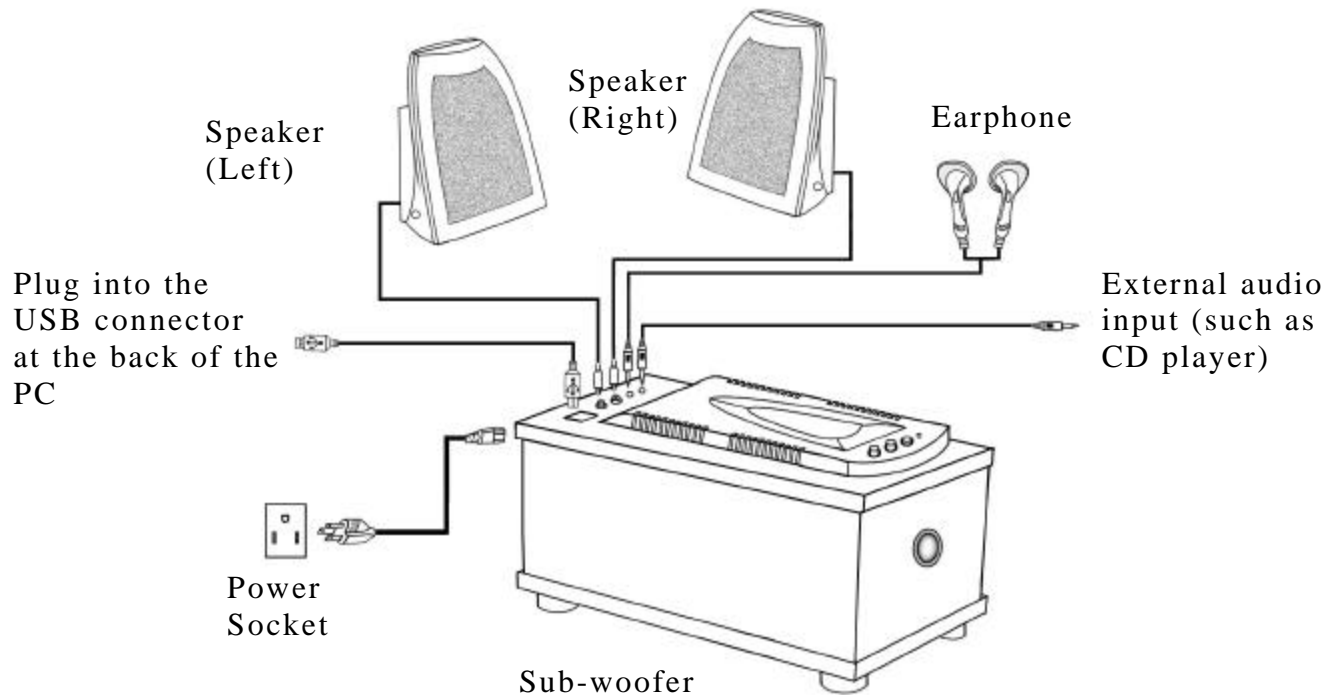Top View

Rear View

2.4 Connecting the Components

Speaker
(Right)

Speaker
(Left)

Earphone

Plug into the
USB connector
at the back of the
PC

External audio
input (such as
CD player)

Power
Socket

Sub-woofer

2.5 System Setup (PC)

a. Enter the system BIOS Setup Menu by pressing the "Del" key on the
keyboard before turning on the power.

b. Select "INTEGRATED PERIPHERALS" under the "CMOS SETUP
UTILITY" Menu.


```
              ROM  PCI / ISA  BIOS
              CMOS  SETUP  UTILITY

  STANDARD CMOS SETUP          INTEGRATED PERIPHERALS
  BIOS FEATURES SETUP          SUPERVISOR PASSWORD
  CHIPSET FEATURES SETUP       USER PASSWORD
  POWER MANAGEMENT SETUP       IDE HDD AUTO DETECTION
  PNP / PCI CONIFGURATION      SAVE & EXIT SETUP
  LOAD BIOS DEFAULTS           EXIT WITHOUT SAVING
  LOAD SETUP DEFAULTS

  Esc : Quit                   ↑ ↓ → ←  : Select Item
  F10 : Save & Exit Setup      (Shift) F2   : Change Color

          Onboard I/O, IRQ, DMA Assignment...
```

c. After entering the "INTEGRATED PERIPHERALS" Menu, check that the "On-Chip USB Controller" option is set to "Enabled".

d. Save the settings and reboot the computer.

```
                        ROM PCI / ISA BIOS
                     INTEGRATED PERIPHERALS

  On-Chip Primary IDE       : Enabled    KB PWR ON / OFF Function : Disabled
    Master PIO              : Auto
    Slave PIO               : Auto       RTC Alarm Controller       : Disabled
    Master Ultra DMA        : Auto
    Slave Ultra DMA         : Auto
  On-Chip Secondary IDE     : Enabled
    Master PIO              : Auto
    Slave PIO               : Auto
    Master Ultra DMA        : Auto
    Slave Ultra DMA         : Auto
  IDE HDD Block Mode        : Auto
  On Chip USB Controller    : Enabled
    USB Keyboard Support    : Disabled
  Ring / Wake On Lan Control : Enabled
  Onboard FDC Controller    : Enabled
  Onboard Serial Port 1     : 3F8 / IRQ4
  Onboard Serial Port 2     : 2F8 / IRQ3
  Onboard Parallel Port     : 378 / IRQ7
  Parallel Port Mode        : EPP
```

3. Software Setup

a. Connect this device to the PC properly as described in the previous chapter.

b. Enter the Windows 98 Operating System.

c. Select "Start" → "Settings" → "Control Panel" (Figure 1).

d. Select "Multimedia" (Figure 2).

Figure 1

Figure 2

e. Under the "Multimedia" dialog box, select the "Audio" option (Figure 3).

f. Under "Playback", "Preferred device:", select "USB Audio Device" (Figure 3).

g. Click on "Apply" and then "OK" (Figure 3).

h. Select "Multimedia" (Figure 2).

i. Under the "Multimedia" dialog box, select the "CD Music" option (Figure 4).

j. Click on "Enable digital CD audio for this CD-ROM device" (Figure 4).

k. Click on "Apply" and then "OK" (Figure 4).

l. You can now start using your USB Speakers. To switch back to the original "analog audio input signal", disable the "Enable digital CD audio for this CD-ROM device" (Figure 4) feature. Then, use the "Preferred device" parameter to change back to your original device (Figure 3).

Figure 3

Figure 4

4. Simple Troubleshooting

Improper operation may result in damages or non-operation.   If you feel that this device is not working properly, follow the steps below to check its functions and operation.   Sometimes, the cause may be due to other components or electrical devices used.   Check the other components or devices are functioning properly.   If the problem persists after checking the items below, contact your dealer for service.

If this device cannot function normally, check for the symptoms in the following table and apply the corresponding actions.   If the symptom remains the same, turn off the power, unplug the power cable and contact our service center.

Symptom	Cause	Action
No response from this device after turning on the power	Power cable socket not plugged or improperly plugged	Plug the power cable properly.
No sound	Improper output cable connection	Check for damages in the speaker cable and USB cable.
	Input signal cable not plugged or improperly plugged	Plug the signal cable properly.
	Mute is enabled	Press "Mute" again to disable the Mute feature.
Noise (from current)	Input cable plugged improperly	Plug the cable properly. If problem persists, the cable may be damaged.
Cannot use USB interface	Improper USB cable connection	Check if the cable is damaged.
	Software setting not set properly.	Perform the setup again according to the instructions in "System Setup" and "Software Setup".

5. Product Specifications

Continuous Power Output

    1 KHz,T.H.D. 2.5%,4   .... 18W+18W+44W

Mid-range tweeter....................................... 18W*2 (1KHz,2.5%,4)

Sub-woofer.. 44W   (100Hz,10%,4)

Input (Sensitivity/Resistance)

    1-watt output.. 200mV

    Frequency reaction .... 50Hz to 18KHz

Others

    Power requirement.................................... 110 ~120Vac / 60Hz

   Rated current 0.5A

    Dimensions

        Mid-range tweeter................................ 125 x 160 x 95 mm

        Sub-woofer .... 213.5 x 216 x 318.5 mm

    Weight... 7Kg

Notice:

We reserve the right to change the specifications and design of this device anytime without prior notice.