

LIYUH TECHNOLOGY LTD.

Thank you

Thank you for purchasing the **LIYUH LBT313** Bluetooth USB Dongle. We hope you enjoy it!

This instruction manual will get you started, and ready to make the most of your USB Dongle.

謝謝您

謝謝你購買 LBT313 USB 藍芽傳輸器。我們希望您能感到滿意！

在使用本產品之前,請務必詳細閱讀手冊中所提供的相關資訊。

Table of Contents

Introduction	6
Bluetooth USB Dongle	6
Function	6
Features.....	6
Specifications	8
System Requirement.....	10
Installation	12
Install IVT Bluesoleil.....	12
Hardware Installation	16
Operations	22
Search Device.....	23
Search Service.....	25
Pairing.....	26
Connect.....	27
Disconnect	28
MATTER NEEDING ATTENTION.....	38
Federal Communication Commission Interference Statement.....	39
TROUBLESHOOTING	40
Technical support Contact	43

目錄

介紹.....	7
USB 藍芽傳輸器.....	7
功能.....	7
特性.....	7
規格.....	9
系統配備.....	11
安裝.....	17
IVT Bluesoleil 安裝.....	17
安裝 USB 藍芽傳輸器.....	21
藍芽操作.....	30
找尋裝置.....	31
找尋服務.....	33
配對.....	34
建立連線.....	35
中斷連線.....	36
注意事項.....	41
故障排除.....	42
技術支援.....	44

Introduction

● Bluetooth USB Dongle

This Bluetooth USB dongle adds Bluetooth technology to your existing USB PC or notebook. Simply plug it into the USB port of your machine for seamless connectivity with other Bluetooth devices including **any Bluetooth compliant devices**.

● Function

Connect your PC/laptop to Bluetooth stereo headset or other Bluetooth devices:

- Transfer files & Fax
- Browse the Internet
- Download & send emails
- Backup & synchronize contacts/calendar
- Transfer videos, pictures & music
- Remote control data

● Features

- Bluetooth USB Dongle is a low-power wireless networking standard which uses short radio links to allow electronic devices to communicate with other without using cables.
- A Bluetooth USB Dongle (host) – can provide one or more services, such as access to the Internet or to other Bluetooth devices.
- A Bluetooth USB Dongle (client) – can use the service provided by Bluetooth servers.
- Bluetooth devices can act as both host and client, and do both at the same time.

介紹

● USB 藍芽傳輸器

USB藍芽傳輸器結合了最新的藍芽科技在桌上型與筆記型電腦上，只要將此裝置插入USB連接埠，就可以連結其他的藍芽裝置和任何藍芽的相關裝置。

● 功能

USB藍芽傳輸器可連結到其他的藍芽裝置(例如：藍芽耳機)，進行無線傳輸的功能。

- 傳輸檔案、傳真
- 瀏覽網路
- 下載及收發郵件
- 同步、交換郵件的資料型態
- 傳輸影像、圖片及聲音
- 無線遙控

● 特性

- USB藍芽傳輸器是種低功率的無線通訊，使用無線電波連結至所有的藍芽裝置，無需透過有線電纜就可以與其他藍芽裝置進行溝通。
- USB藍芽傳輸器(在Host角色上)，可提供一項或多項服務給其他藍芽裝置。
- USB藍芽傳輸器(在Client角色上)，可享用Host所提供的服務。
- USB藍芽傳輸器在Host & Client角色上，有同步進行的特性。

Specifications

Bluetooth Specification : Version 1.2, compatible with V1.1 (Class II)

Data rate : 723Kbps (Data Channels)

Frequency range : 2.402 – 2.480 GHz (2.4 GHz ISM Band)

Operating Distance : Greater than 100m in free space

Supported Profiles : **PAN** 、 **DUN** 、 **FAX** 、 **OPP** 、 **FTP** 、 **SYN** 、 **HCRP** 、 **HID** 、 **BIP** 、
HSP 、 **HFP A2DP** 、 **AVRCP**

Operating Voltage

Under operation : 5V (DC Power from USB)

Dimension :

6.5 x 2.2 x 1 mm(long x wide x high)

Weight : 10g

規格

藍芽版本：1.2 版,並相容 V1.1

數據傳輸速度：723Kbps (Data Channels)

頻率範圍：2.402 – 2.480 GHz (2.4 GHz ISM Band)

操作距離：Up to 100m

支援規範：**PAN、DUN、FAX、OPP、FTP、SYN、HCRP、HID、BIP、HSP、HFP、A2DP、AVRCP**

工作電壓：

操作模式：5V (USB 連接埠供應)

淨重：10 公克

System Requirement

A PC or Notebook running **Windows 98/ME/2000/XP:**

- Processor - Minimum : 266 MHz ;

Recommend : 1GHz

- Memory - Minimum : 64 MB RAM ;

Recommend : 256 MB RAM

- 12 MB free space on hard disk

系統配備

適用環境之作業系統：**Windows 98/ME/2000/XP**

- 處理器：266 MHz(最少)；

建議等級：1GHz

- 記憶體：64 MB RAM(最少)；

建議等級：256 MB RAM

- 硬碟存放空間：12 MB(至少)

Installation

Note : Do not plug your Bluetooth USB Dongle into USB port until you have completed the software installation.

Please remove any previous version of IVT Bluetooth software existing in your system.

● Install IVT Bluesoleil

Insert the Bluetooth Software CD into CD-ROM drive. Auto-Run function of CD-ROM is enabled. If it doesn't load, run its "**Setup.exe**" file.

Please click "**Install IVT Software**" to start installation.



A window appears for you to choose your preferred language for this installation.
Click "**OK**" to continue.



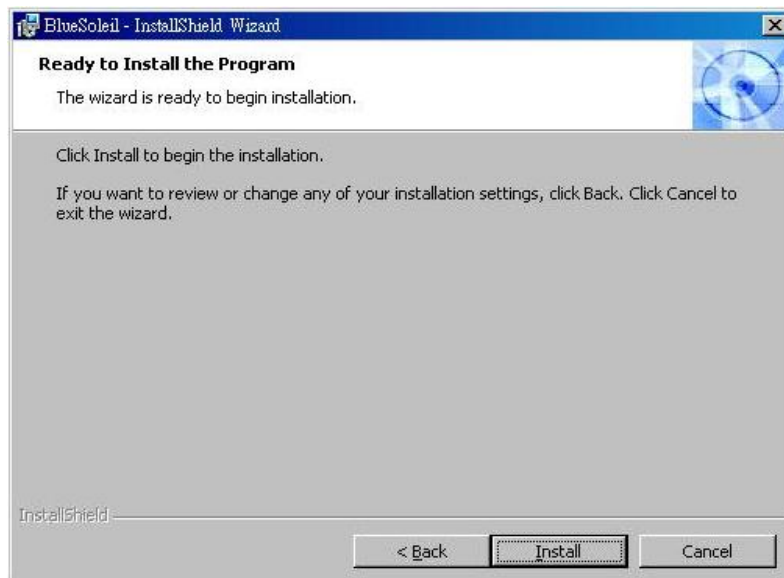
Then in the License Agreement window, check the item ***I accept the terms in the license agreement*** and click **”Next”** button to continue.



The software default destination folder is located at **“C:\Program Files\IVT Corporation\BlueSoleil”**. If you want to change the folder, click **”Change...”** button then select one you prefer. If everything is ready and done, please click **“Next”** button to continue.



Ready to Install the Program, please click “**Install**” to button to continue.



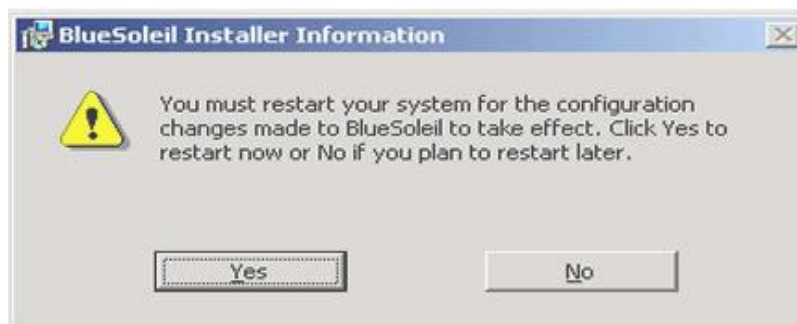
The software installation is processing now.



Install Shield Wizard completed, please click **“Finish”**.



Click **“Yes”** to reboot your system after the software installation is finished.



● Hardware Installation

Install USB Dongle

Insert the USB dongle into a free USB port after installing the driver and restarting your PC or Notebook. You will see a system notice of “new USB devices found”. Click “**Next**” to register. To boot from a different location, mark “***install from a list or specific location***” and click “**Next**” to continue.



Wait while the wizard searches for your USB dongle.



Then click on “**Finish**” while the search is completed.

安裝

注意：在以下的軟體安裝完成前，請先不要將藍芽傳輸器插入到您電腦的**USB**連接埠上。

請先移除在系統上目前存在的 IVT Bluesoleil 版本軟體。

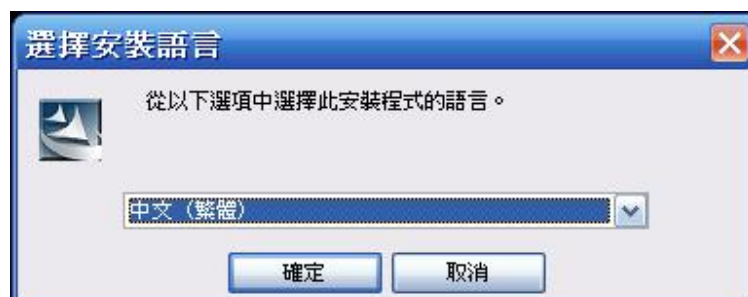
● IVT Bluesoleil 安裝

將 IVT Bluesoleil 的軟體光碟放入光碟機內，自動安裝精靈被啟動執行。
如果光碟無法讀取，請執行光碟檔案內的“**Setup.exe**”檔。

請在光碟的主選單上點選 “**Install IVT Software**” 進行安裝。



請選擇要安裝程式的語言，點選“**確定**”進行下一步安裝。



請勾選“**我接受該授權合約中的條款**”來接受這份授權合約，再點選“**下一步**”進行下一步安裝。



請點選“**下一步**”來安裝驅動程式到預設的資料夾，點選“**變更**”可以更改您想要安裝驅動程式的資料夾(預設的資料夾放在“C:\Program Files\IVT Corporation\BlueSoleil”)。



準備好安裝程式，請點選“安裝”進行安裝。



安裝程式進行，等待中。



安裝程式精靈完成，請點選“完成”結束安裝。



安裝完成後，如果系統出現訊息告知要重新開機，請點選“是(Y)”進行重新開機。

● 安裝 USB 藍芽傳輸器

插入USB藍芽傳輸器到可用的USB連接埠，之後系統會偵測到有新的硬體，並且您將會看到“尋找新增硬體精靈”視窗。點選“下一步”繼續。



等待精靈尋找您的藍芽裝置。



當尋找完成時，請點選“完成”。

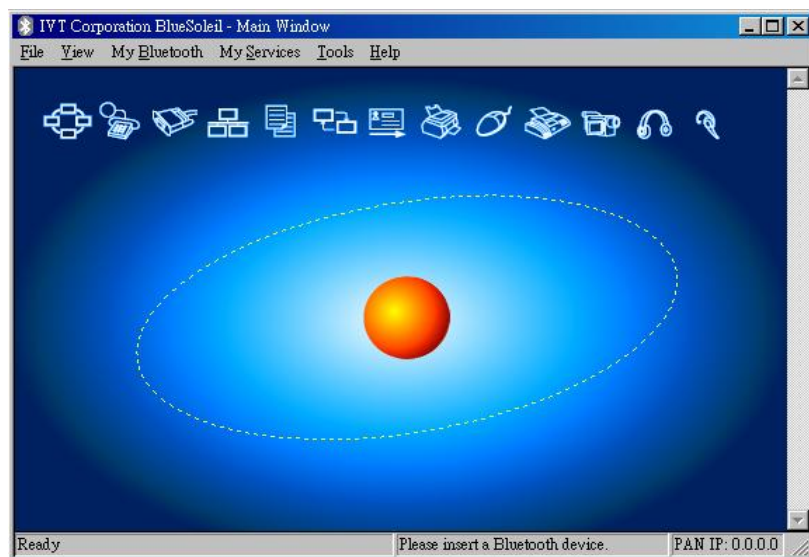
Operations

- Use “BlueSoleil” program, please follow the instructions below :
(Example Bluetooth Device : Bluetooth Headset)

Then click “**BlueSoleil**” on your screen.(If the icon not on screen, please to execute from Start→Programs→IVT BlueSoleil→BlueSoleil).



Plug-in the USB Dongle into the computer USB port.



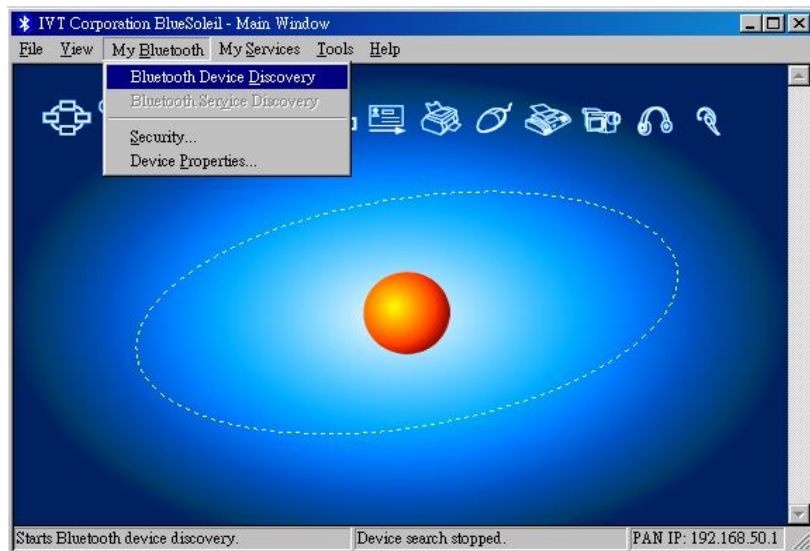
※Power on the Bluetooth Headset, Enable the Headset connect to the pairing mode.

Ensure USB Dongle is completed plug-in to compute, click “**OK**” to continue.

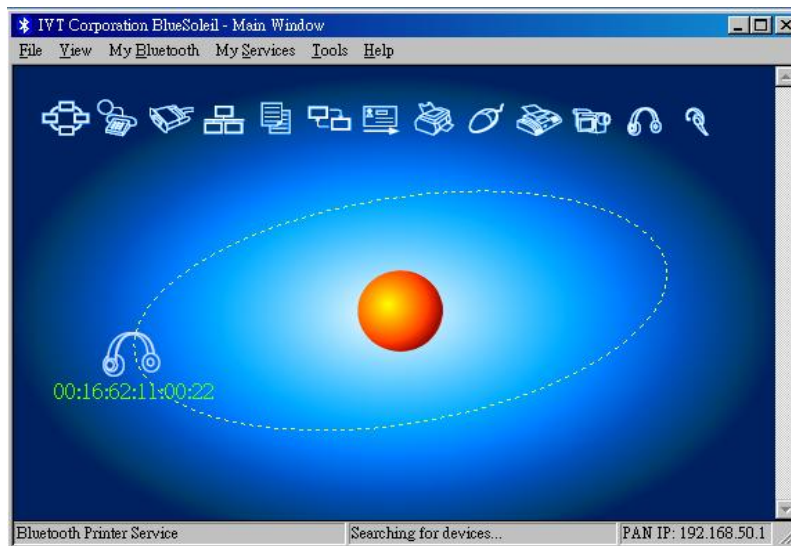


- **Search Device**

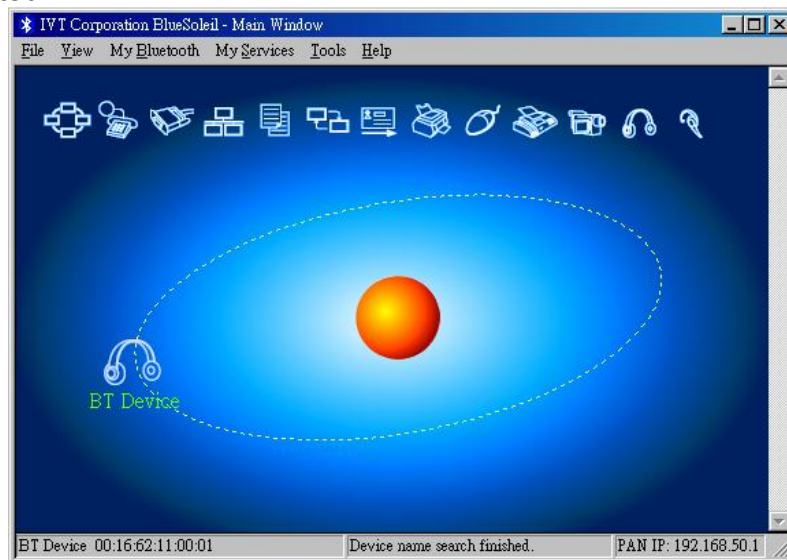
To click “**My Bluetooth**” and select “**Bluetooth Device Discovery**” to perform searching.



Searching for Bluetooth device.

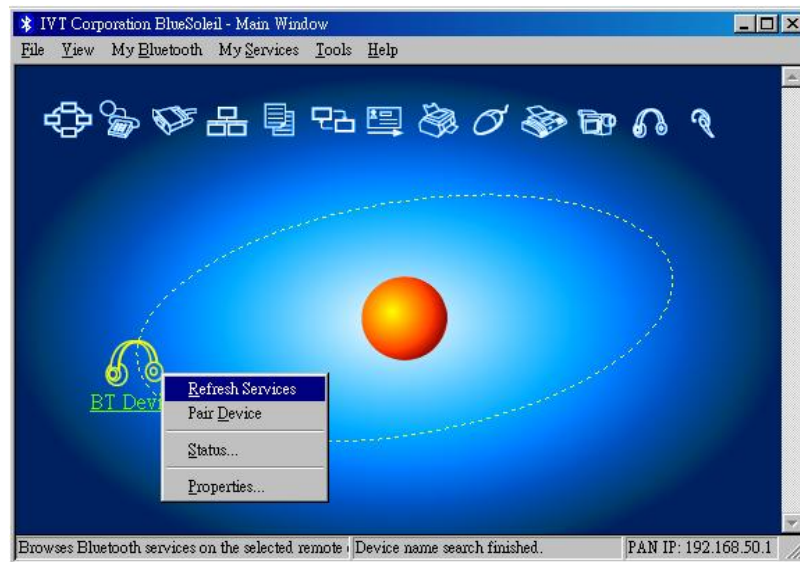


When Bluetooth Device searching has finished, you will find out the device name which You expected.

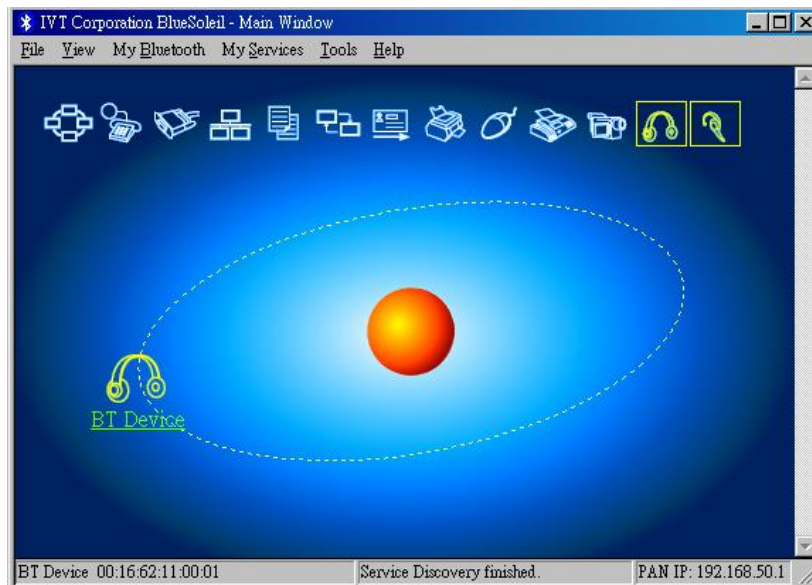


- **Search Service**

Right-click the device icon and select “**Refresh Services**”.

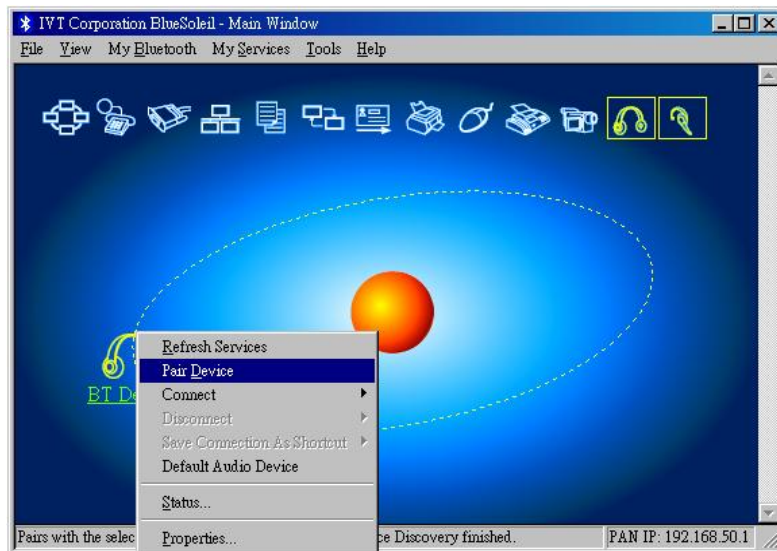


Effective services will be found when the Services Discovery has finished.

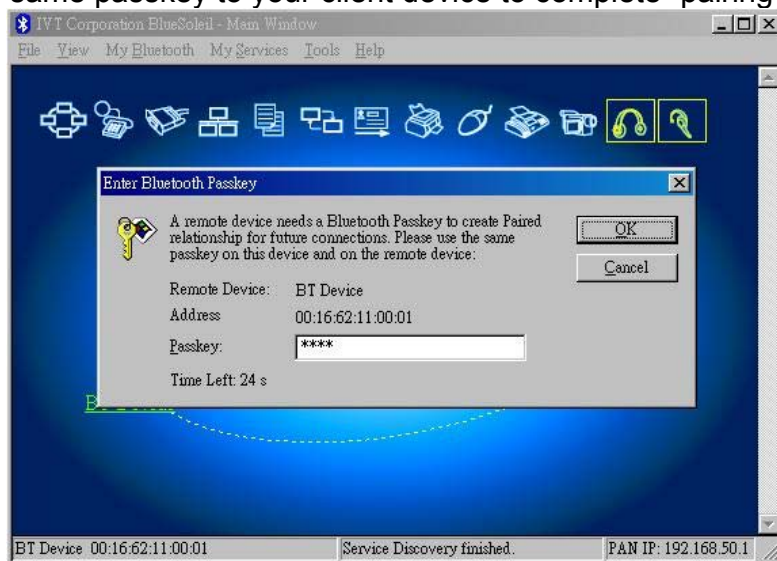


● Pairing

Right-click the device icon and select “**Pair Device**”.



Enter your preferred passkey on the screen and click “**OK**”. You will now be asked to enter the same passkey to your client device to complete “pairing”

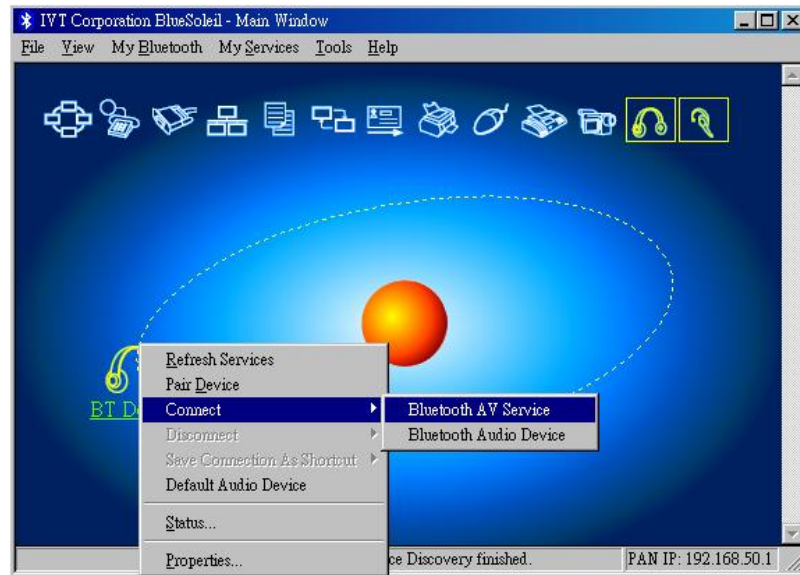


While Bluetooth connection is established between devices, the device icon should be appeared with a red “√” to indicate completion of pairing

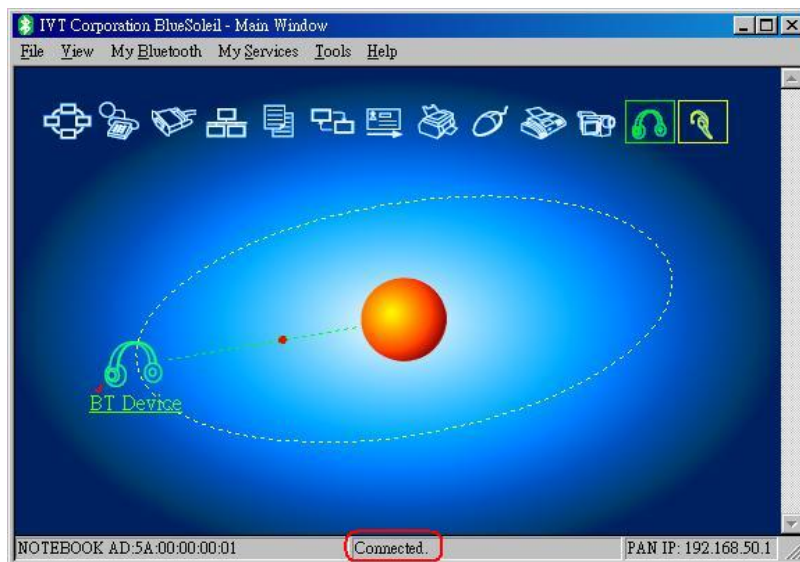


- **Connect**

Select the remote device first, Right-click the device icon and select “**Connect**”.
(For example : Bluetooth AV Service...)



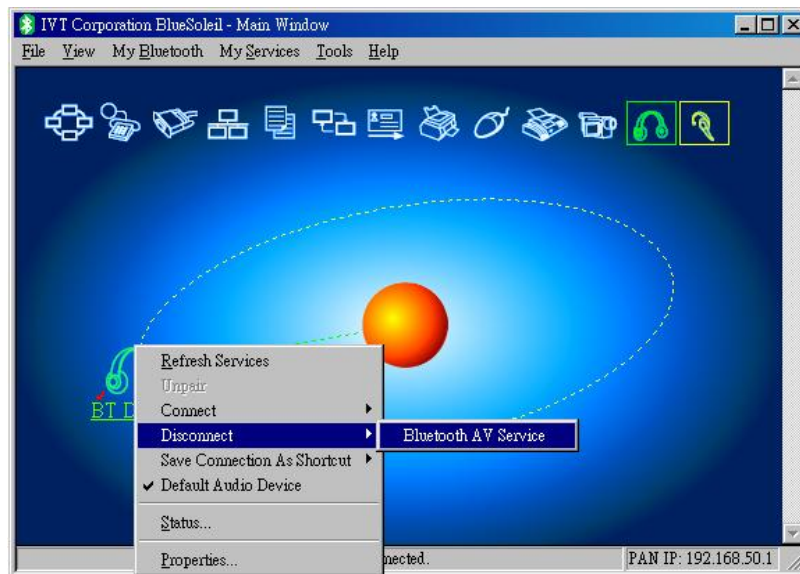
The Green-icon to represent device is connected.



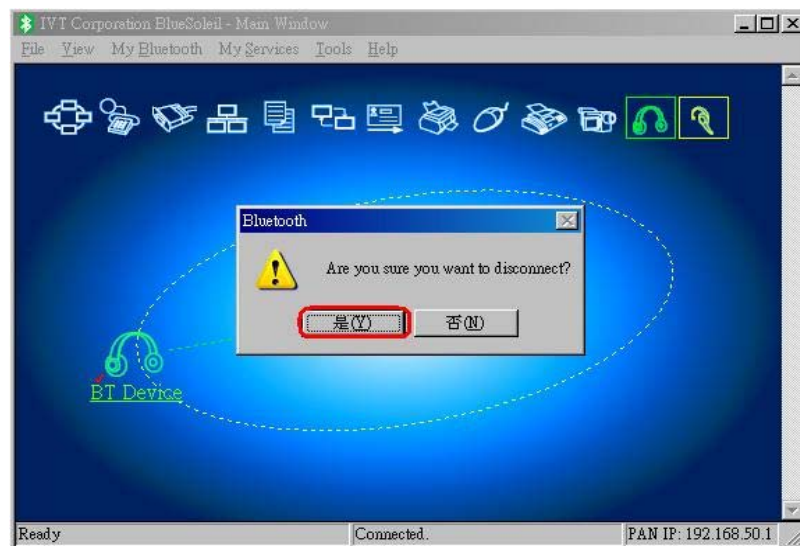
※Open Windows Media Player、RealPlayer...Software to listen to the music.

- **Disconnect**

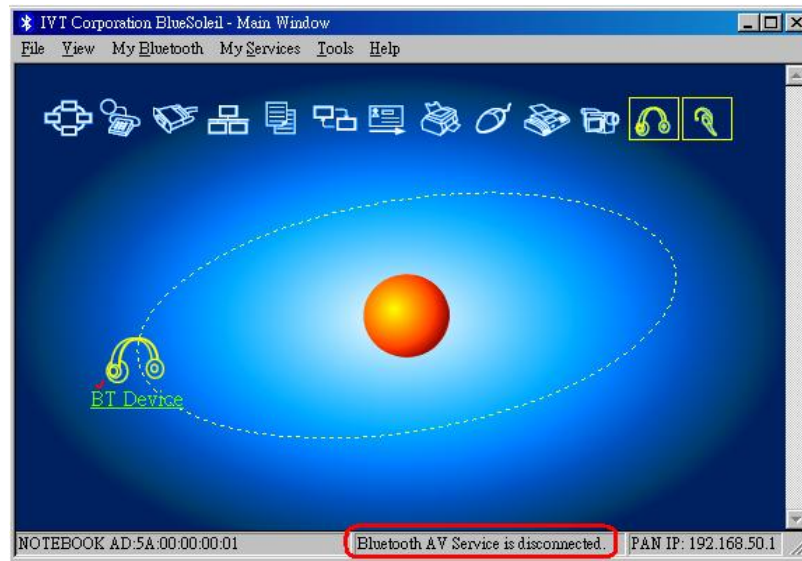
Select the remote device first, Right-click the device icon and select “**Disconnect**”.
(For example : Bluetooth AV Service...)



Click “**Yes**” to disconnect.



The Service Profile is disconnected.



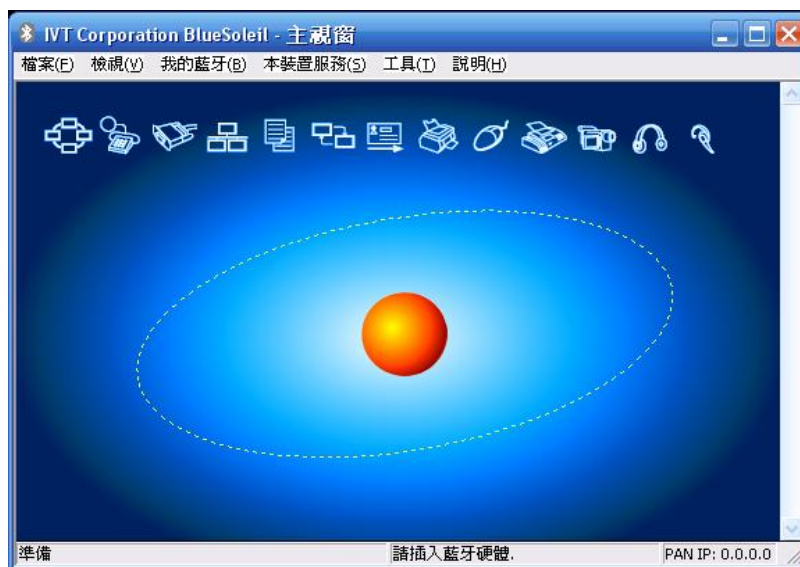
藍芽操作

- 啟動“IVT BlueSoleil”軟體，請依據下列敘述流程操作：
(範例操作裝置：藍芽耳機)

請點選桌面上“BlueSoleil”的圖示。(如果桌面上無此圖示，請按照：
開始→程式集→IVT BlueSoleil→BlueSoleil 執行此軟體)。

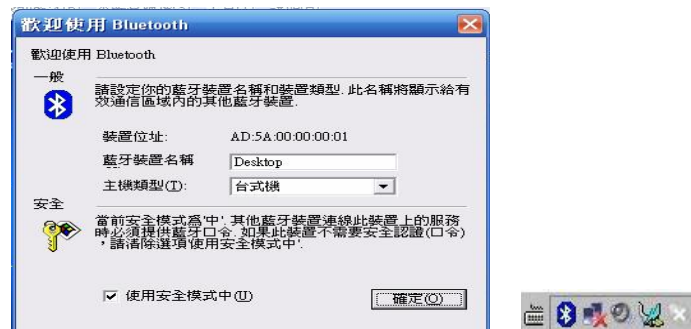


請將 USB 藍芽傳輸器插入到 USB 連接埠。



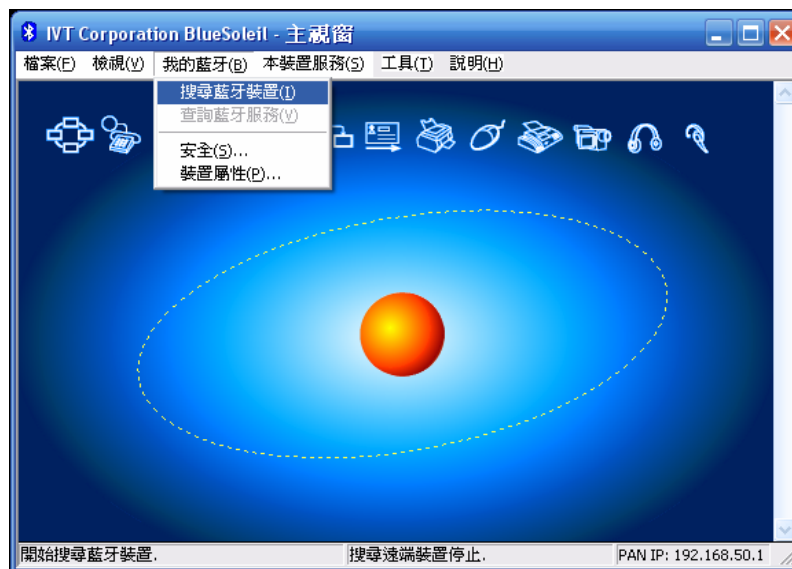
※請把藍芽耳機開機，再使其裝置進入被搜尋模式的狀態下。

USB藍芽傳輸器插入後，主視窗會出現裝置的訊息，請點選“確定”進行操作。

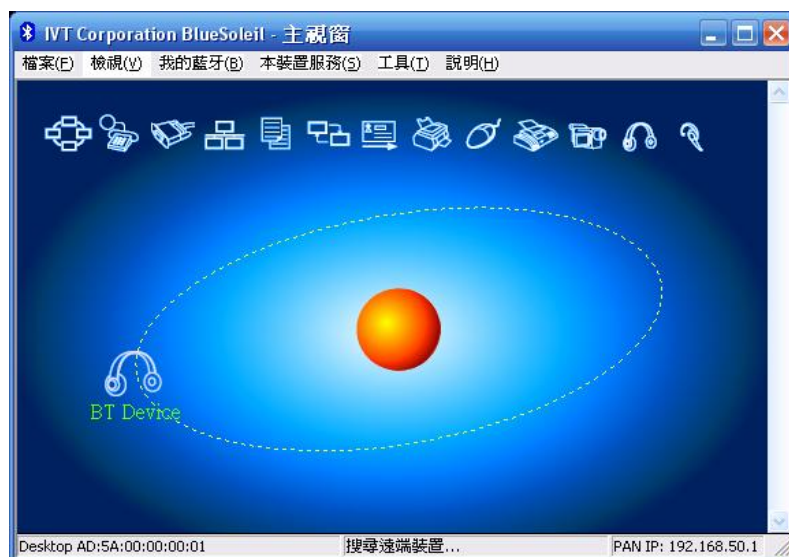


● 找尋裝置

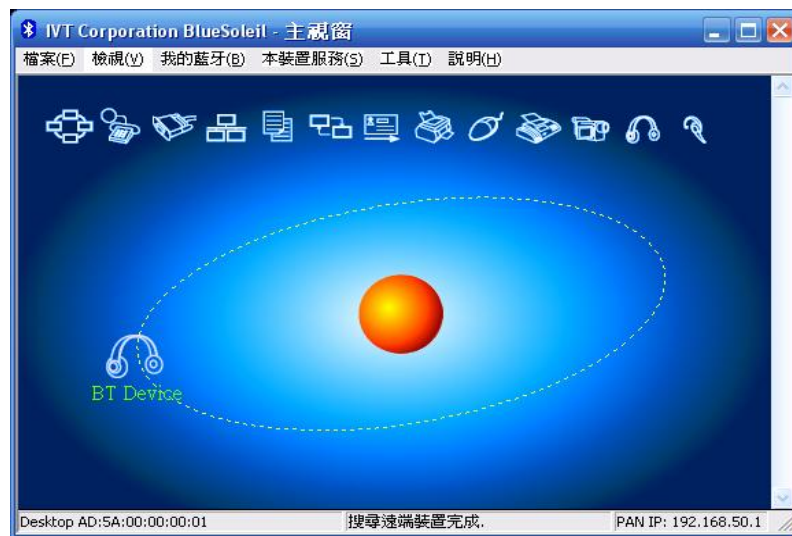
請在主視窗上點選“我的藍芽”，選擇“搜尋藍芽裝置”。



搜尋遠端裝置進行中。

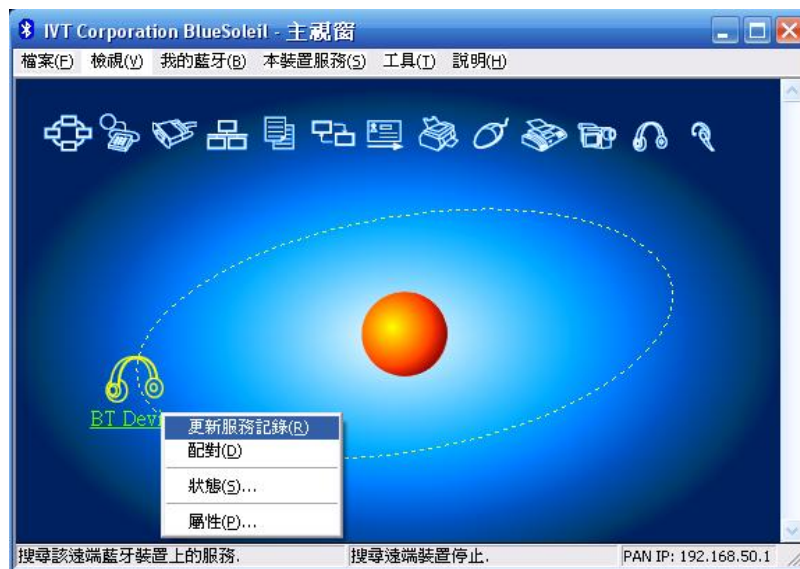


當搜尋遠端裝置完成後，主視窗上會出現被搜尋的所有藍芽裝置及其名稱。



● 找尋服務

請先選擇要找尋服務的裝置，在其圖示上按**滑鼠右鍵**，選擇“更新服務記錄”。



當查詢遠端裝置服務完成時，可使用的服務會以**黃色**圖示出現在主視窗上。



● 配對

請先選擇要配對的裝置，在其圖示上按**滑鼠右鍵**，選擇“配對”。



請輸入要配對裝置的認證密碼，點選“**確定**”進行確認。(如果需配對的裝置無密碼限制，可輸入相同密碼進行配對)。



※已經配對的裝置，在其圖示上會出現 **紅色”√”** 的圖示

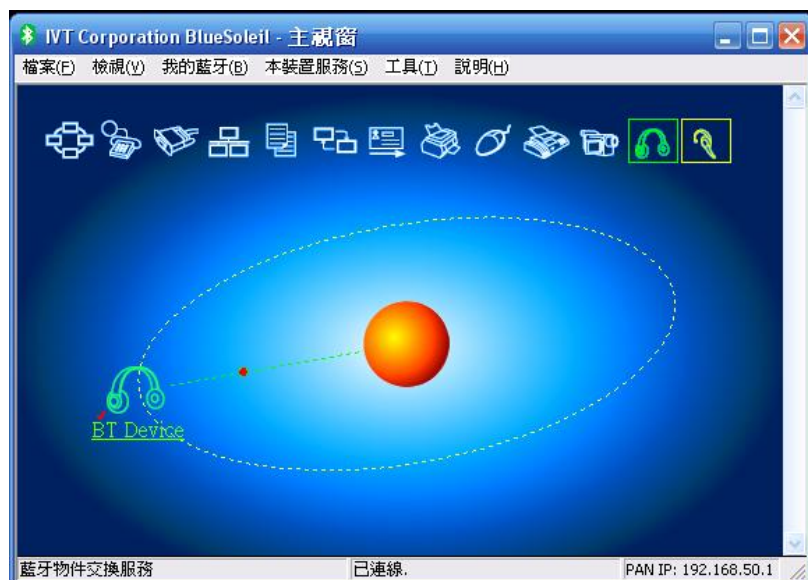


● 建立連線

請先選擇要建立連線的裝置，在其圖示上按**滑鼠右鍵**，選擇“連線”要使用的服務。
(例如：連線→藍芽AV服務...)



成功連線時，會在主視窗上出現該裝置的**綠色圖示**。



※如果已經與藍芽耳機連線，可以開啓 **Media Player**、**RealPlayer...**等軟體聽音樂。

● 中斷連線

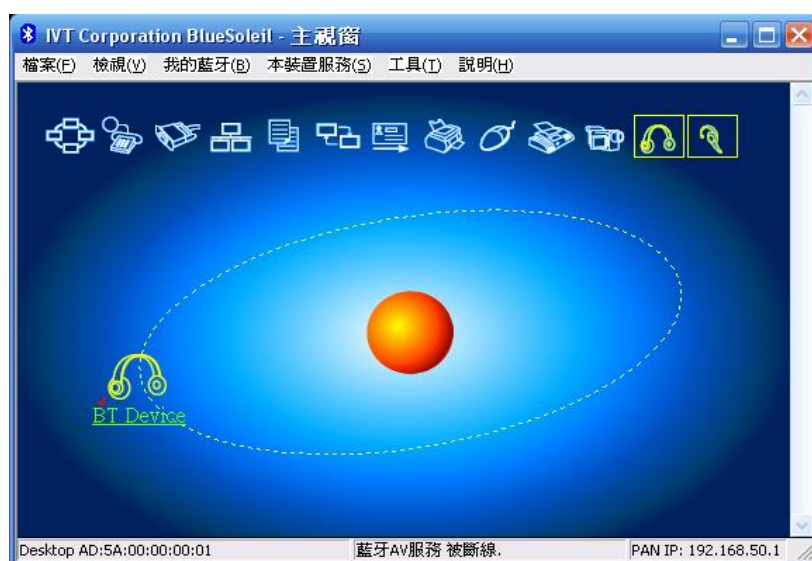
請先選擇要中斷連線的裝置，在其圖示上按**滑鼠右鍵**，選擇**“斷線”**要中斷的服務。
(例如：斷線→藍芽AV服務...)



請點選“是(Y)”執行中斷。



服務已被中斷。



MATTER NEEDING ATTENTION

- Always store the USB Dongle in a safe place, to avoid direct sunlight.
- The USB Dongle is Transmitter & Receive. When USB Dongle is operation with other Bluetooth equipment, the receiver and transceiver frequency spectrum occupy 2.4Ghz to 2.5Ghz.
- Do not expose the USB Dongle to rain or moisture.

Federal Communication Commission 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 in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, 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, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

IMPORTANT NOTE:

FCC Radiation Exposure Statement:

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

TROUBLESHOOTING

During the time that Bluetooth device, the system problem has occurred :
Firstly, please shut down IVT software and plug-out USB Dongle, and then re-start IVT software and plug-in USB Dongle again; re-pairing and connecting with Bluetooth Device will be taken into the final step to solve the system problem.

Note : Each BlueSoleil version is free downloaded from BlueSoleil.com, and it works. But if your Bluetooth device is not licensed with this version, BlueSoleil will run with **5M Limitation** (Amount of data).

※All products of our firm have granted authorization from IVT Software.

注意事項

- 產品使用過後要放置安全的地方，避免陽光直接照射。
- **USB藍芽傳輸器**是無線電傳送器也是接收器。當**USB藍芽傳輸器**與藍芽裝置通訊時，傳送和接收無線電波磁場的磁頻範圍約為 2.4GHz 至 2.5GHz。
- **USB 藍芽傳輸器**根據交通部低功率電波輻射性電機管理辦法第十二條及第十四條規定：
 - 1.經形式認證合格之低功率射頻電機，非經許可，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。
 - 2.低功率射頻電機之使用不得影響飛航安全及干擾合法通信：經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。前項合法通信，指依電信法規定作業之無線通信。低功率射頻電機需忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。
- **USB藍芽傳輸器**符合美國聯邦通訊委員會(FCC)第26部份的規定，操作本產品需要符合以下兩種狀況：
 - 甲、不得引起有害干擾。
 - 乙、能夠抵抗任何干擾包括可能影響**USB藍芽傳輸器**正常使用的干擾。
- 請勿讓產品接觸到雨水或放置潮濕的地方。

故障排除

在USB藍芽傳輸器與周邊其他藍芽裝置連線動作時，若系統或操作發生問題導致動作不正常時，請依循下列步驟排除：

1. 先關閉 IVT Bluesoleil 軟體。
2. 將USB藍芽傳輸器從USB連接埠拔起。
※電腦從新開機(如果系統都無法使用時)。
3. 再開啓 IVT Bluesoleil 軟體。
4. 把USB藍芽傳輸器插入在USB連接埠。
5. 重新找尋、配對、連線與周邊其他藍芽裝置。

注意：Bluesoleil 的不同版本軟體可以在 www.bluesoleil.com 網站上下載。但如果您的藍芽傳輸器沒得到 Bluesoleil 軟體版本的授權，會有 **5M資料傳輸** 的限制。

(本公司產品已得到IVT Bluesoleil軟體的授權)。

Technical support Contact

Tel: 886 2657 9295

Fax: 886 2657 7584

Operating Hours:

Monday-Thursday 9:30AM – 18:00PM (PST)

Friday 9:30AM -17:30PM (PST)

We'd like to hear from you. Please let us know your questions or comments on our warranty policy. Thank you for your support of LIYUH and LIYUH products.

技術支援

電話: 886 2657 9295

傳真: 886 2657 7584

服務時間:

星期一 ~ 星期四 9:30AM – 18:00PM (PST)

星期五 9:30AM -17:30PM (PST)

如需進一步資訊或有任何疑問，歡迎與我們連絡。並感謝您對本公司及相關產品的支持。