

Bluetooth™

EPoX Presenter

BT-PM01B

~ User's Guide ~

DISCLAIMER OF WARRANTIES

There are no warranties which extend beyond the description on the face of the EPoX limited warranty. EPoX expressly excludes all other warranties, express or implied, regarding its products; including any implied warranties of merchantability, fitness for a particular purpose or non-infringement. This disclaimer of warranties shall apply to the extend allowed by state laws in the states of United States in which state laws do not allow or limit the exclusion of the implied warranties.

USER'S GUIDE

Thank you for purchasing an EPoX Bluetooth Presenter (BT-PM01B)! Your Presenter will soon be Bluetooth enabled, allowing you to do presentation remotely from desktop PCs, notebooks, and let you can walk every where when you in the conference room.

A. ITEMS INCLUDED IN THIS PACKAGE

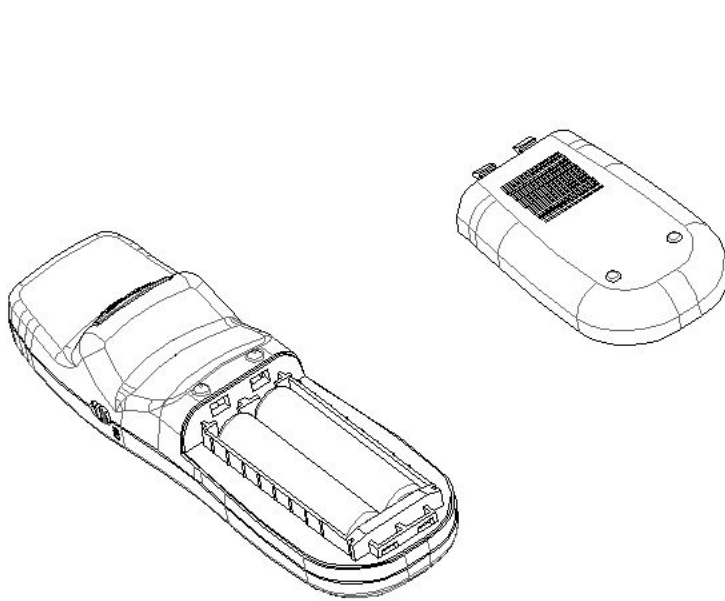
- EPoX Bluetooth Presenter (BT-PM01B)
- User Guide
- 2 * AAA Battery
- CD of EPoX Bluetooth Presenter Application Software.

B.FEATURES & SPECIFICATION

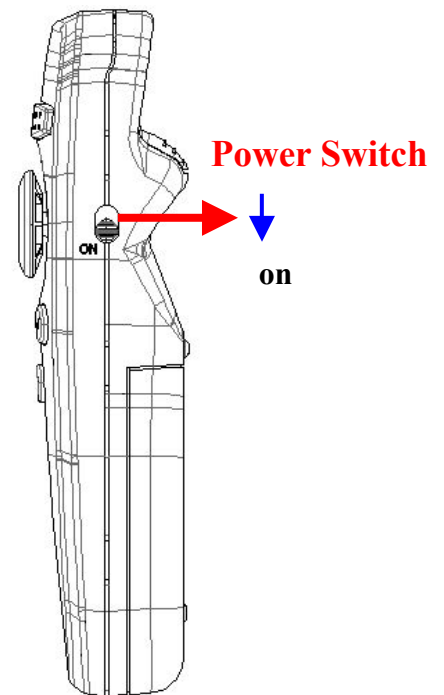
- Chipset : CSR BlueCore 02
- Power Consumption : ~90mW @ 3 Vdc
- power source : 2 * AAA Battery
- Frequency Range : 2.4-2.4835 GHz
- Antenna : Build-In
- Antenna Load: 50 Ohm
- Laser Module: Class II
 - i. Power: Less than 1mW
 - ii. Wavelength: 645~665nm
 - iii. Color : Red light
- Receive Sensitivity : -70dBm (typical)
- TX Power : 4dBm maximum (class 2)
- Range : >10 meters(line of sight)
- Radio : Compliant with Bluetooth specification version 1.1
- Operating Channels : 79 channels of 1MHz BW
- Security : Full support of Bluetooth security provisions including hardware support for full length 128 bit encryption keys
- Operation System Supported Windows 98SE/ME/2000/XP

C. PRESENTER HARDWARE INSTALLATION

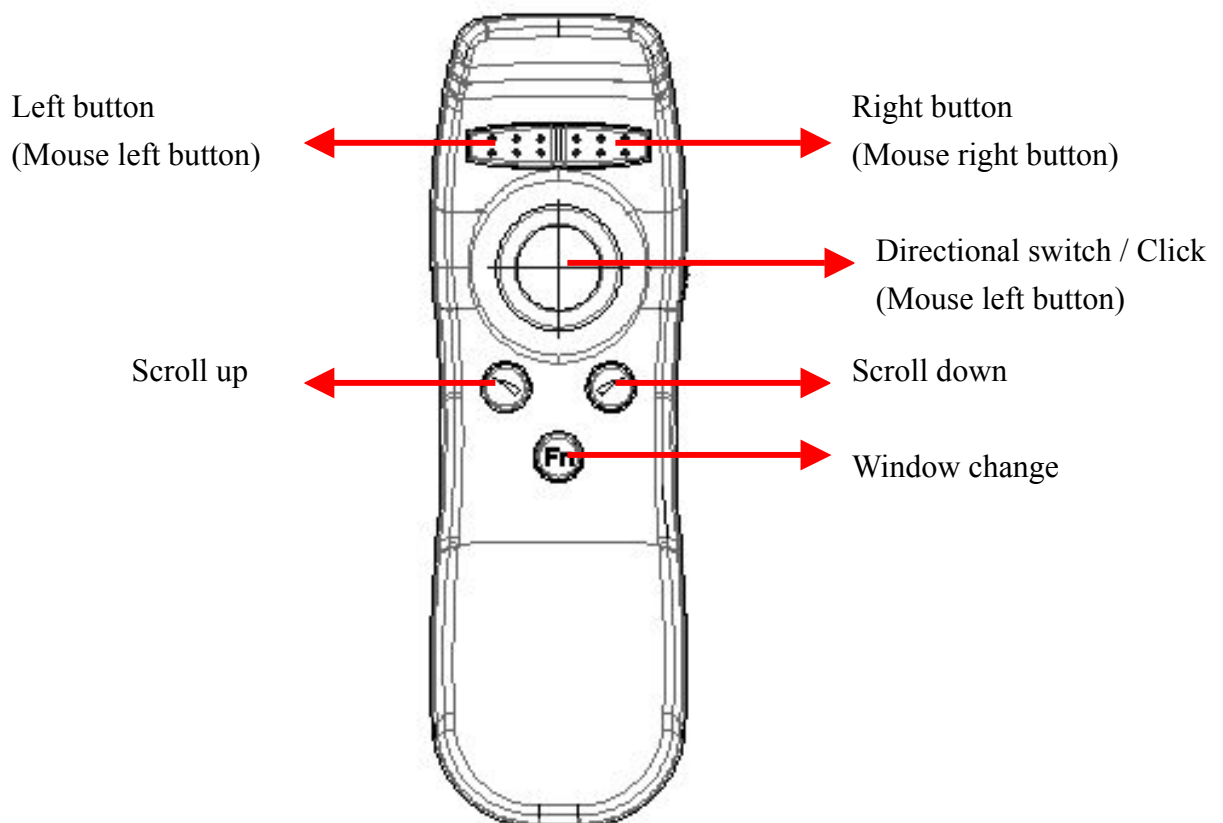
Before you using EPoX Presenter (BT-PM01B), please put in battery and turn on the power.

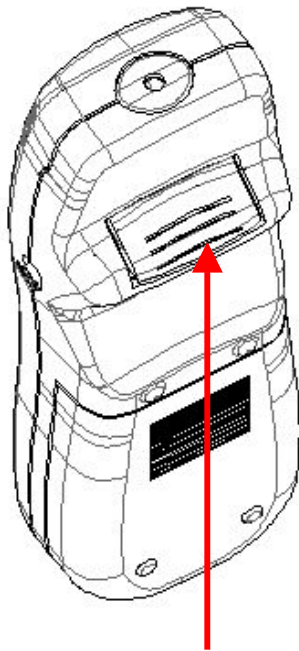


Put Battery inside.

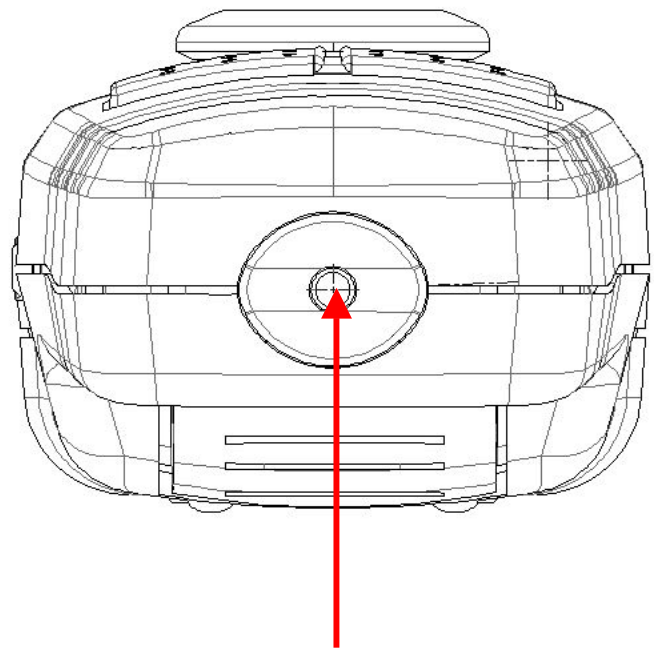


Turn on power





Laser Button



Laser

Definition of the function keys:

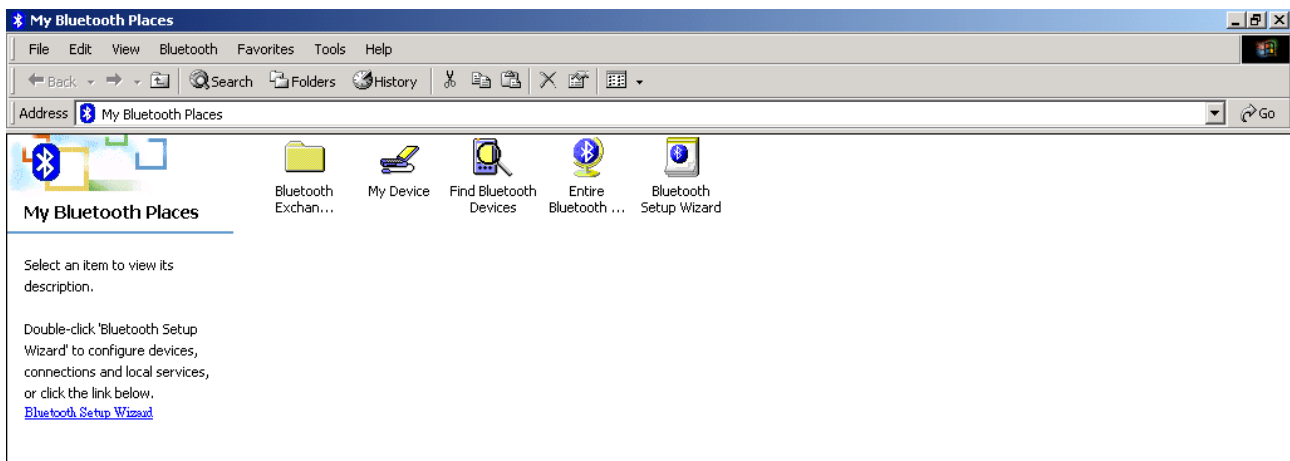
1. Right button:
Be the same as mouse right button.
2. Left button:
Same as mouse left button.
3. Directional switch:
Similar to mouse track-ball, you can move the cursor through this switch. The function of clicking the switch is same as mouse left key.
4. Scroll up/down:
When you doing the presentation with PowerPoint file, those keys are same as page up/down. You can change the page up or down for the PowerPoint file through those two keys.
5. Window change:
This key is used to change the pop-out window of the file. Sometimes, several files might be required for the presentation. For the case, you can open those files in advance. During the presentation, you can choose which file to be displayed on the window through this key.
6. Laser Button:
Laser beam is on by holding the laser button that is beneath the presenter.

D. ESTABLISHING A CONNECTION

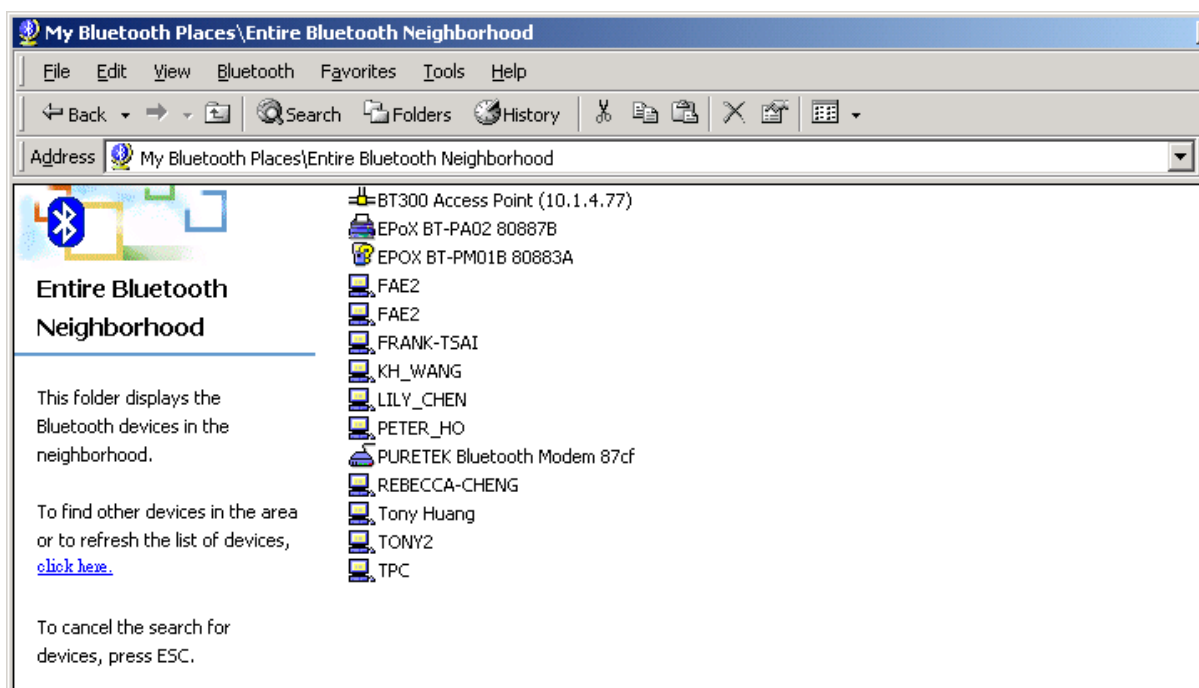
To establish the Bluetooth connection, you have to configure the serial port setting on the Bluetooth device. If your Bluetooth device is an EPoX BT-MB02 or BT-DG02 or BT-DG03, after the Widcomm protocol stack is installed, please follow the steps below. If your Bluetooth device is other than EPoX, please contact your manufacturer to obtain more information.

D.1: Checking the COM port used by BT-PM01B Bluetooth Presenter:

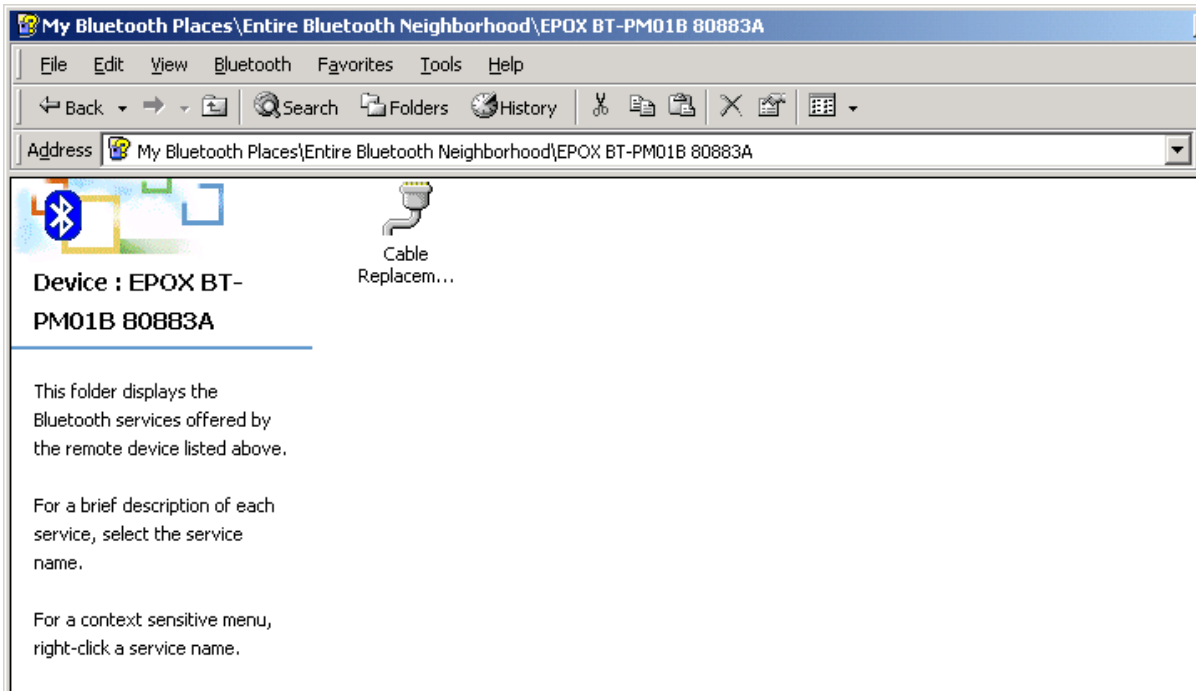
- 1 Please turn on your Bluetooth Presenter (BT-PM01B) power.
- 2 Double click the Bluetooth icon  to enter the **"My Bluetooth"** window.



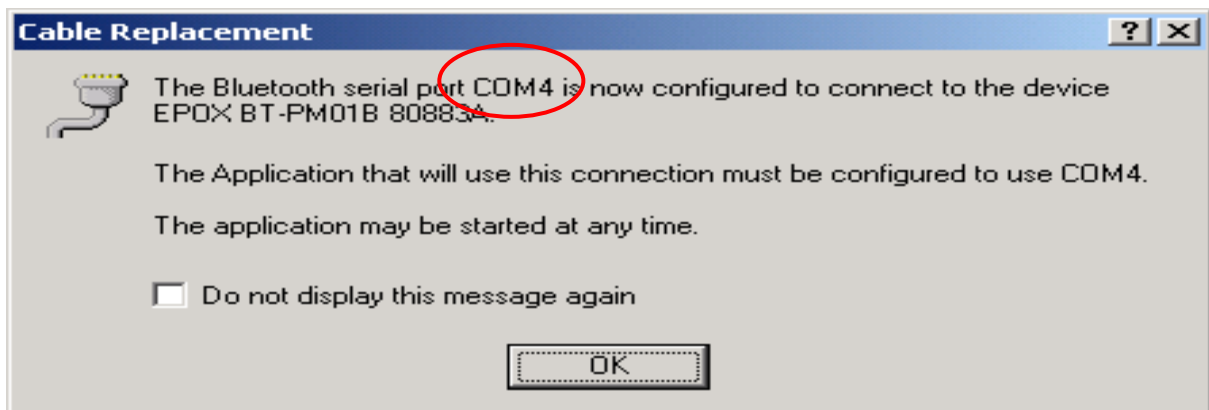
- 3 By double-clicking on the **"Entire Bluetooth Neighborhood"** icon, you will find all the local Bluetooth enabled devices nearby.



- 4 Find the **EPoX BT-PM01B XXXXXX** and double-click on it, the **"Cable Replacement"** icon be shown along with all the services offered by the Presenter.



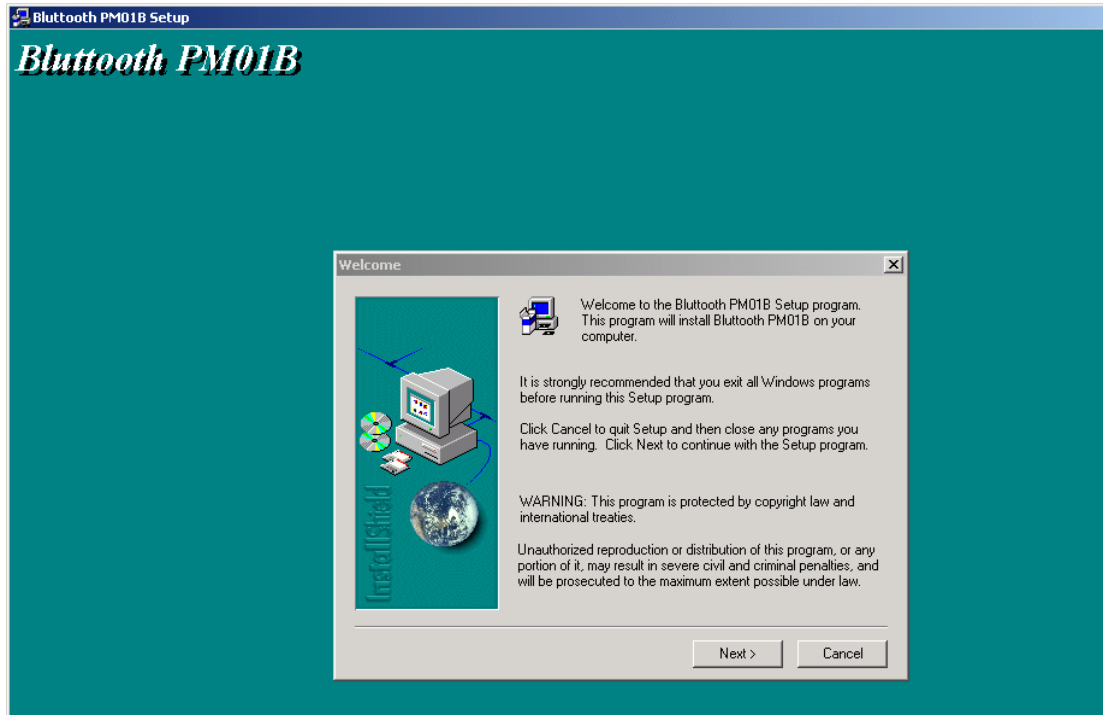
- 5 By double-clicking on the **"Cable Replacement"** icon, the **"Cable Replacement"** prompt window appears. It will show the COM port the EPoX Bluetooth Presenter will be using. Please make note of it and remember it.



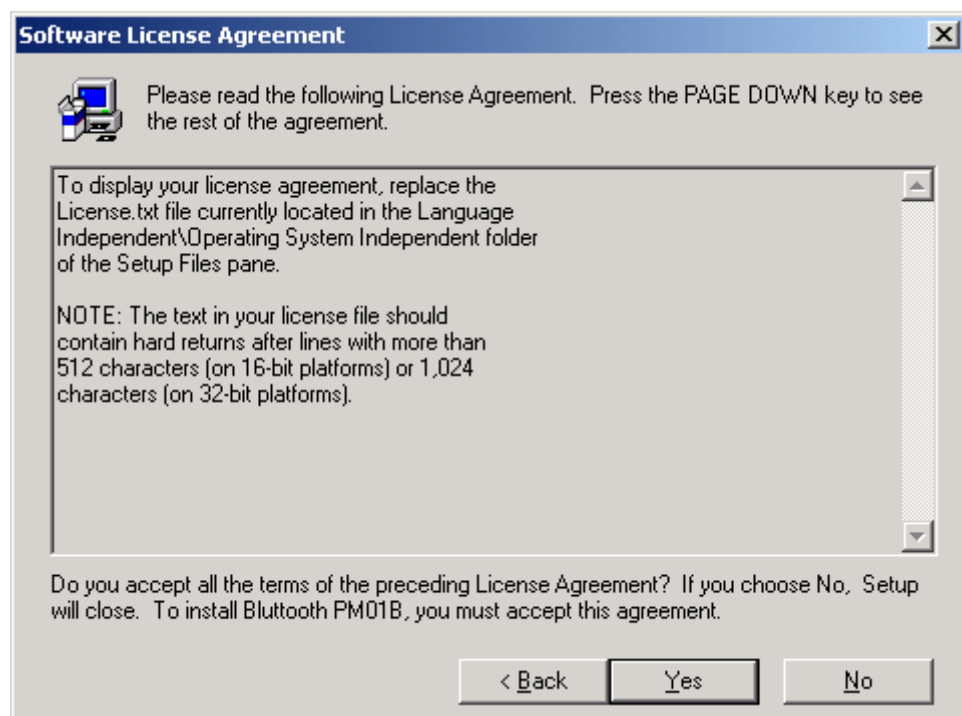
Note: The COM port is automatic assigned. If your COM port is occupied by another Bluetooth enabled device (For example: EPoX BT-PA01), you have to change COM port to connect with your Bluetooth Presenter (BT-PM01B). Please check F. TROUBLESHOOTING section 5 to setup other COM port.

D.2. Install Presenter (BT-PM01B) AP:

- Please find out CD from EPoX Bluetooth Presenter (BT-PM01B) package.
 1. Please put CD into your computer CD-ROM.
 2. Run setup.exe for install EPoX Bluetooth Presenter (BT-PM01B) AP program.
 3. Click **next** in Welcome dialog.



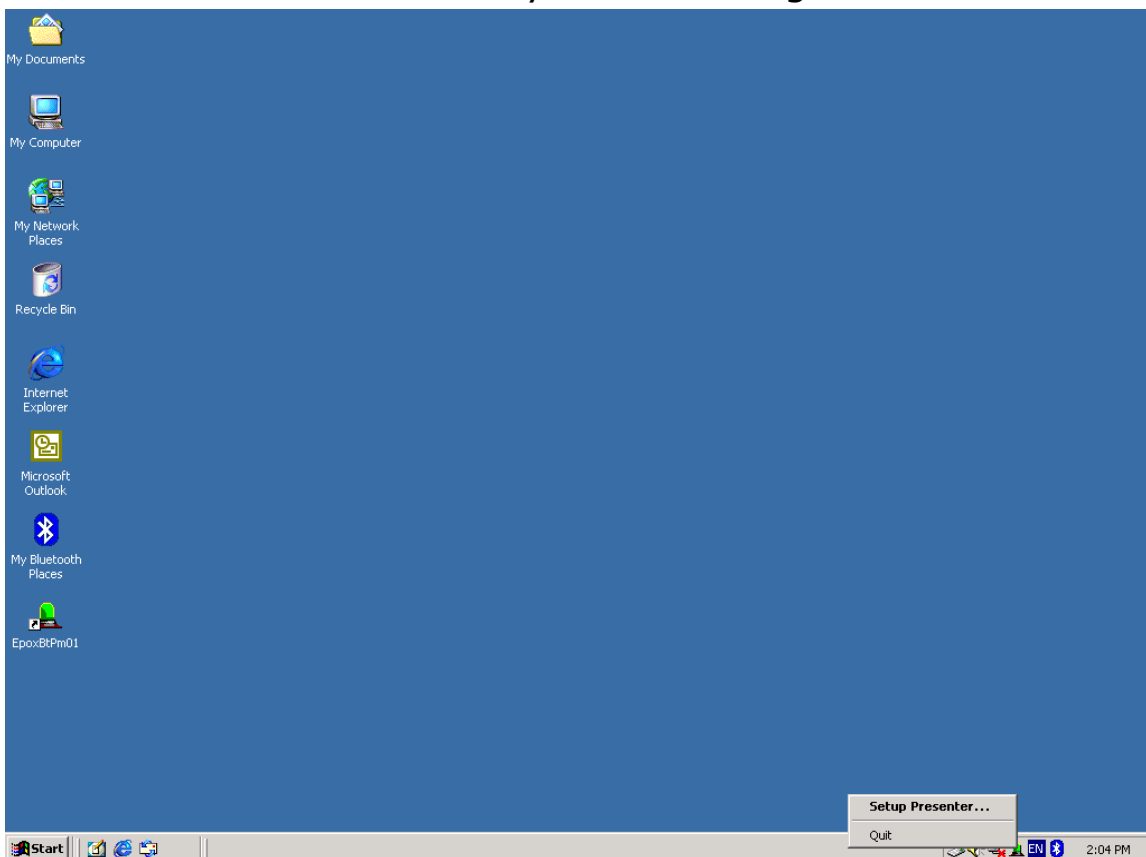
4. Click **YES** accept this agreement.



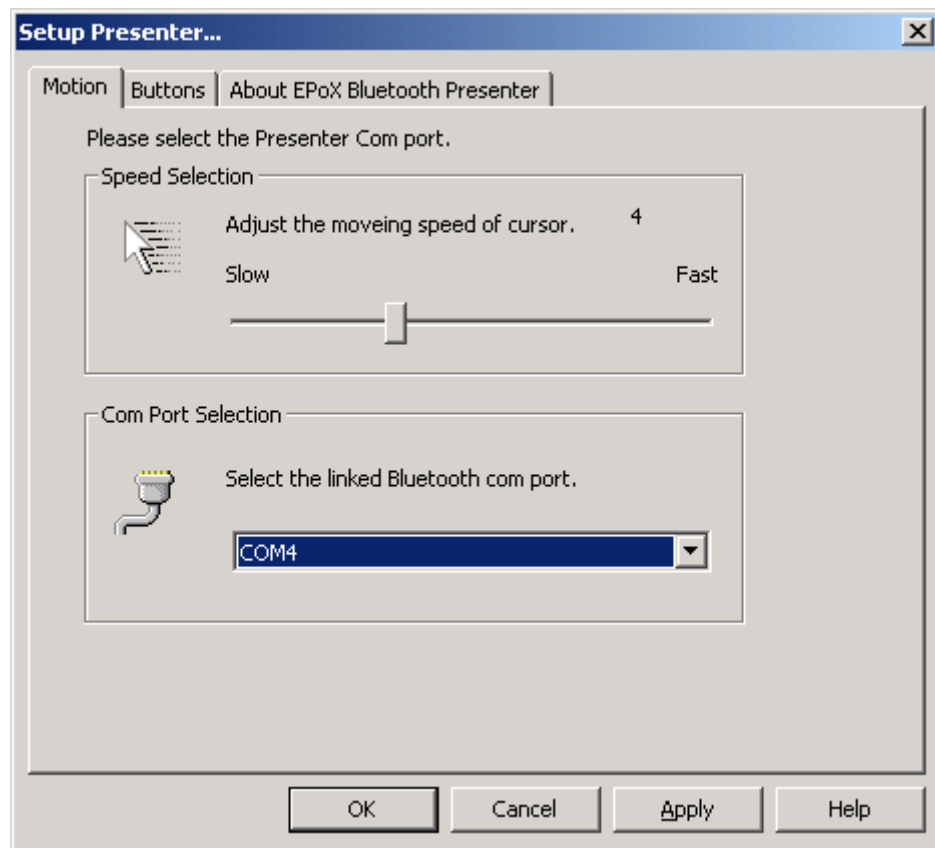
5. After that, there will be an icon  on your computers desktop area. Please click it.



6. You can find out another  icon on system tray. Please move to there and click your mouse right button.



7. Choose and click the **"Setup Presenter"**.



8. Setup your Presenter speed and COM port.

9. The default speed is set to 4. Which is also recommend.

10. Click **OK** to finish your Bluetooth Presenter (BT-PM01B) setup.

Congratulations!! You have finished the setting for BT-PM01B

Note1: If your Bluetooth device is set to high security, the default PIN code is "0000".

Note2: For power saving consideration, the BT-PM01B power will be automatically turned off for the following cases:

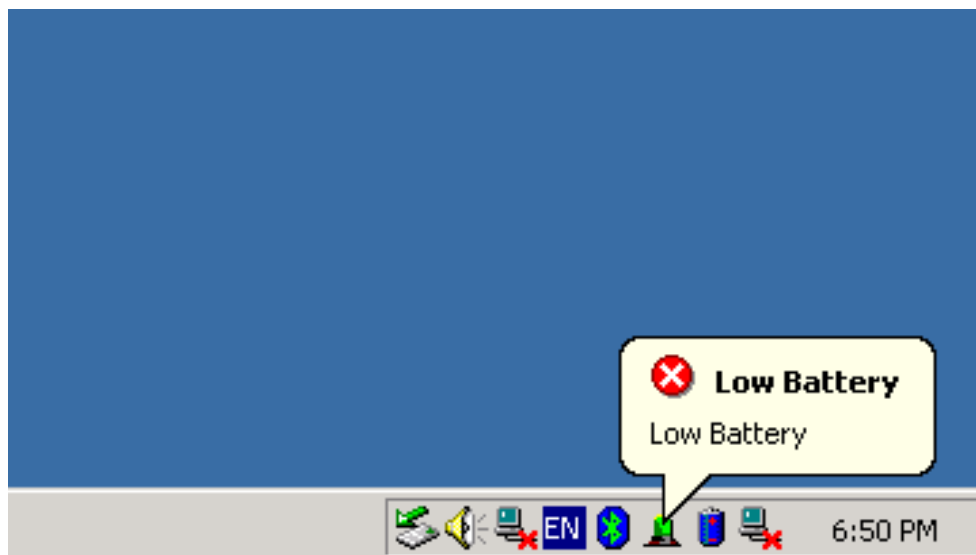
- 1. Once the power switch of BT-PM01B is turned-on, you have to establish the link to PC host within 5 minutes. Otherwise, the power of BT-PM01B will be automatically turned off.**
- 2. If you do not use the BT-PM01B more than 2 hours, the BT-PM01B will be powered off.**

Of course, you can re-establish the link by turning the power switch off and on again and then following the steps of section D.

☞**Note3: The lever of directional switch is not designed to handle the strong rotated force. Please use the lever moderately. (P.S. Rotational: No damage with an application of 0.15N.m.)**

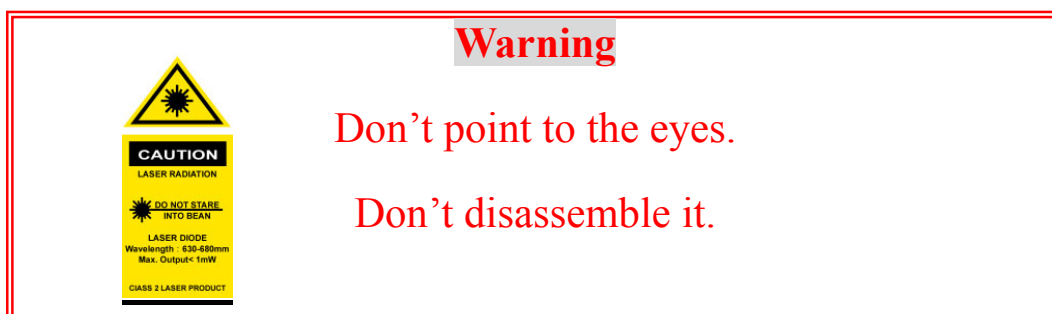
☞**Note4: In the case where the applied turn strength is too strong, the lever will be fix. Please move lever any direction. It will operate again.**

☞**Note5: Please change your battery if the "Low Battery" message is shown on your system try or the laser beam is getting dark.**



E. CAUTION TO USE THE LASER BUTTON

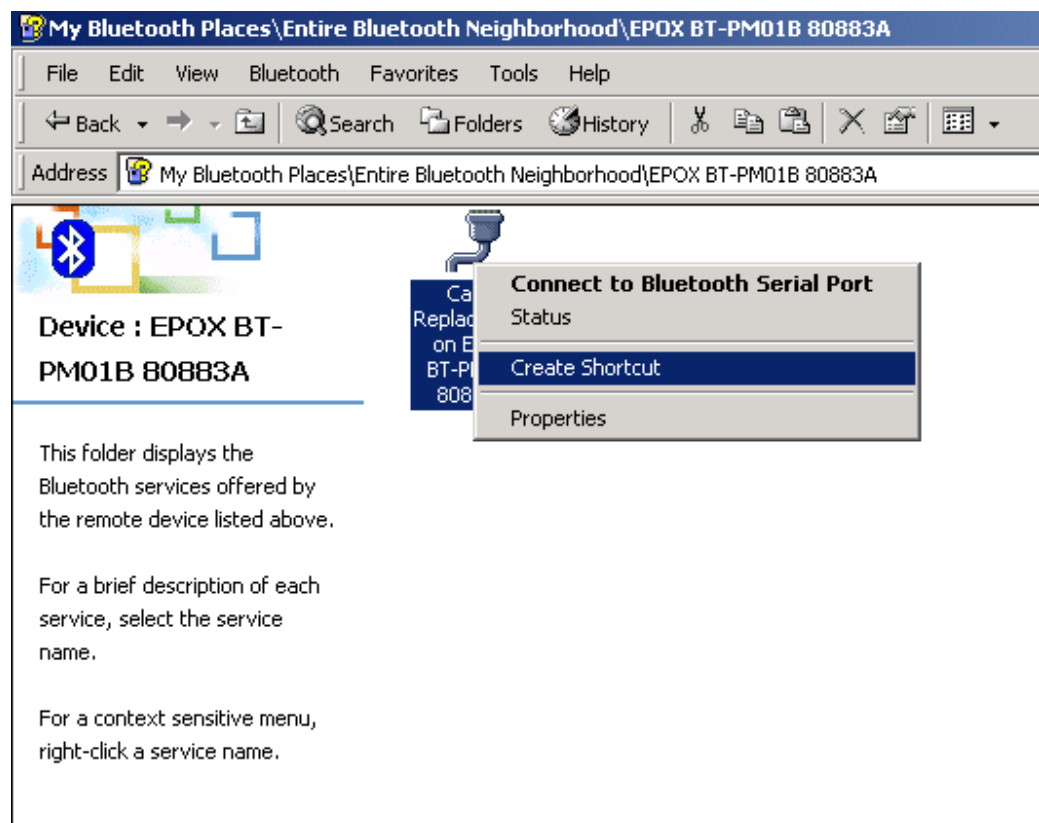
Since the laser beam is harmful to human eyes, please be careful to use the laser pointer.



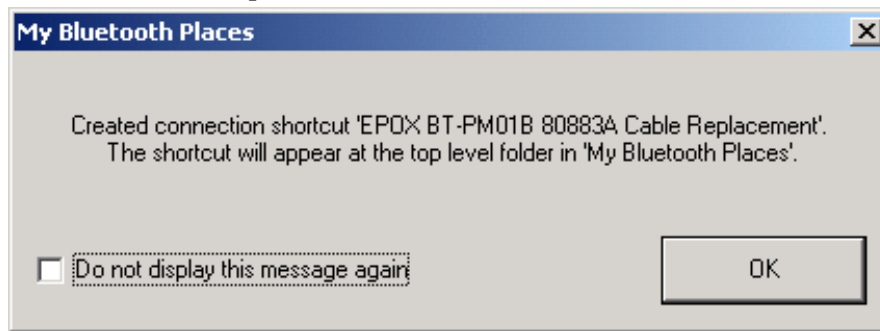
F. TROUBLESHOOTING

If you are unable to use your Bluetooth Presenter (BT-PM01B), please check the following:

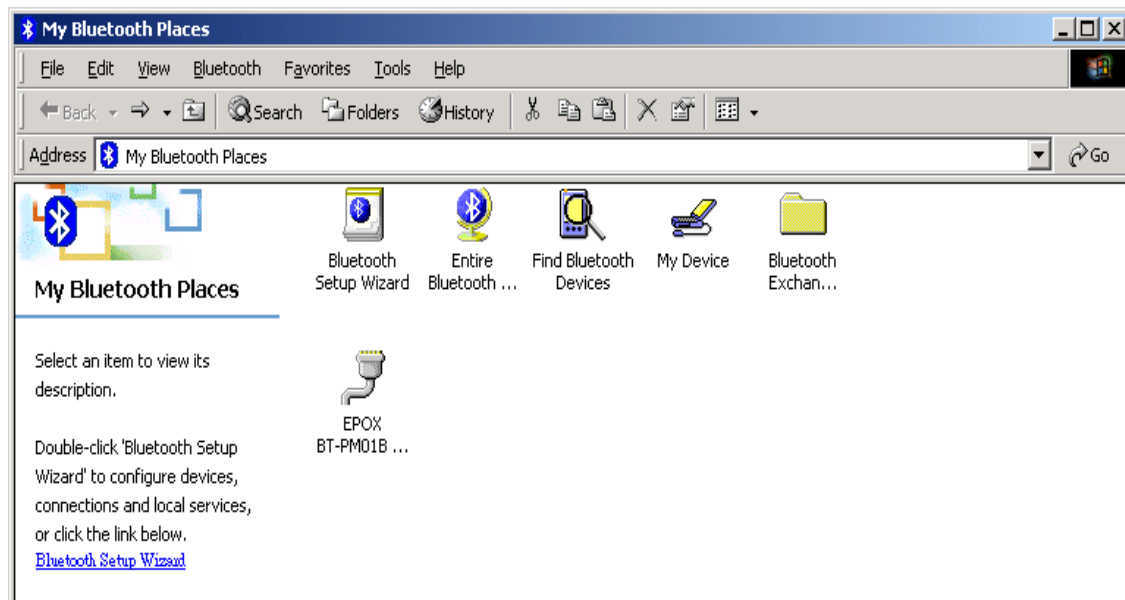
1. Please make sure your Bluetooth Presenter (BT-PM01B) is power on.
2. Make sure that the **Cable Replacement** icon turns to green before using the BT-PM01B. If the icon is not shown as green, it means no Bluetooth wireless connection.
3. If the icon turned to green after double-clicking on the **Cable Replacement** icon and it is not working, please check the BT-PM01B physical battery.
4. If everything checks out ok, but you still cannot use your Bluetooth Presenter (BT-PM01B), please reset the BT-PM01B power again (turn off and turn on). These steps will reset the Bluetooth Presenter (BT-PM01B).
5. How to change your COM port:
 - A. Please following the steps of section D.1 1-4
 - B. Please move to there and click your mouse right button to choose "**Create Shortcut**" function.



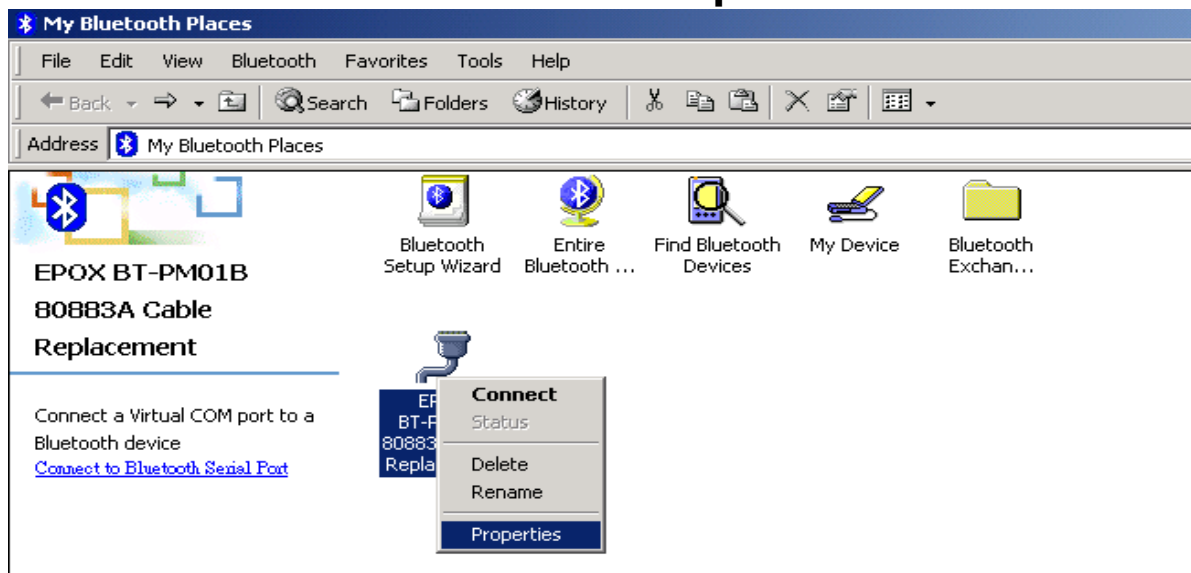
- C. Click **OK** to create the Shortcut at top-level folder in **"My Bluetooth Places"**



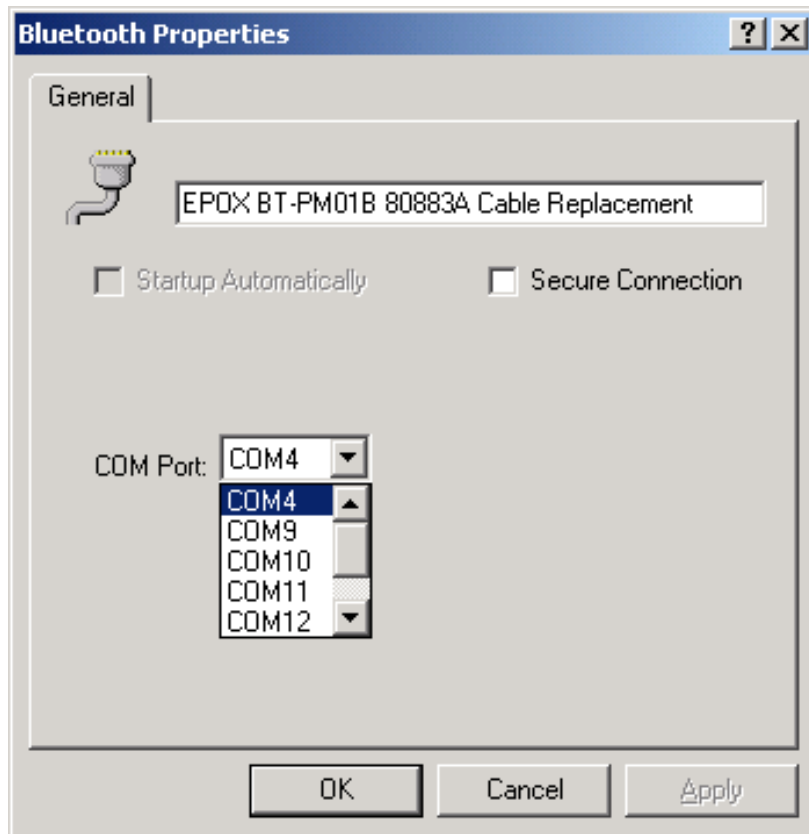
- D. Please back to **"My Bluetooth Places"**, you can find you create **"EPOX BT-PM01B Cable Replacement"** icon.



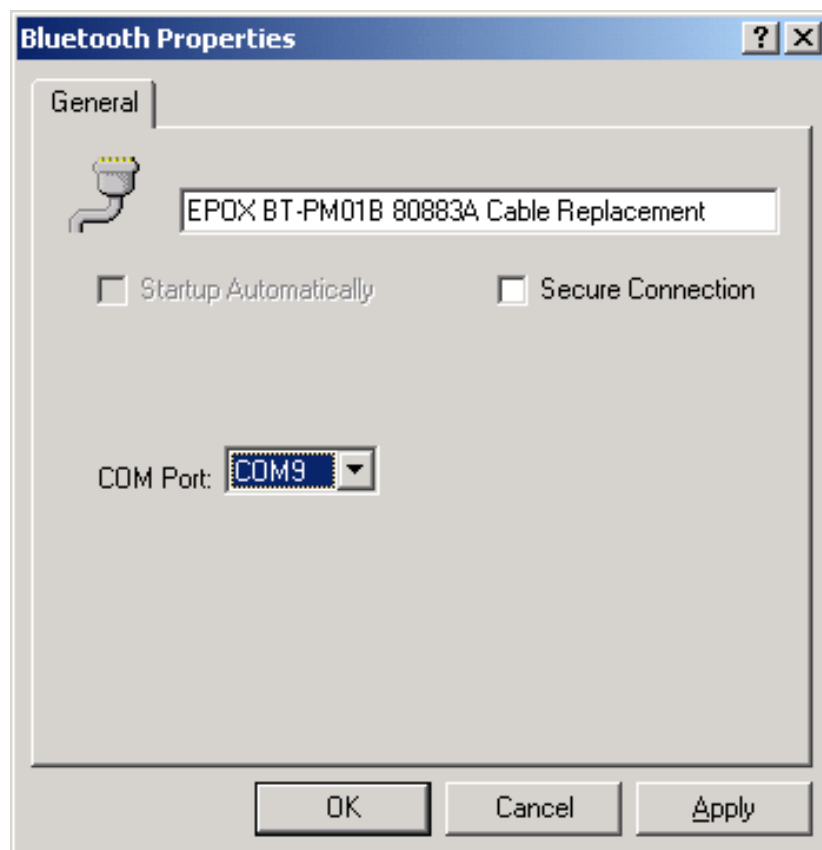
- E. Move cursor there then right click your mouse button to choose **"Properties"**.



F. You can change your COM port in here.



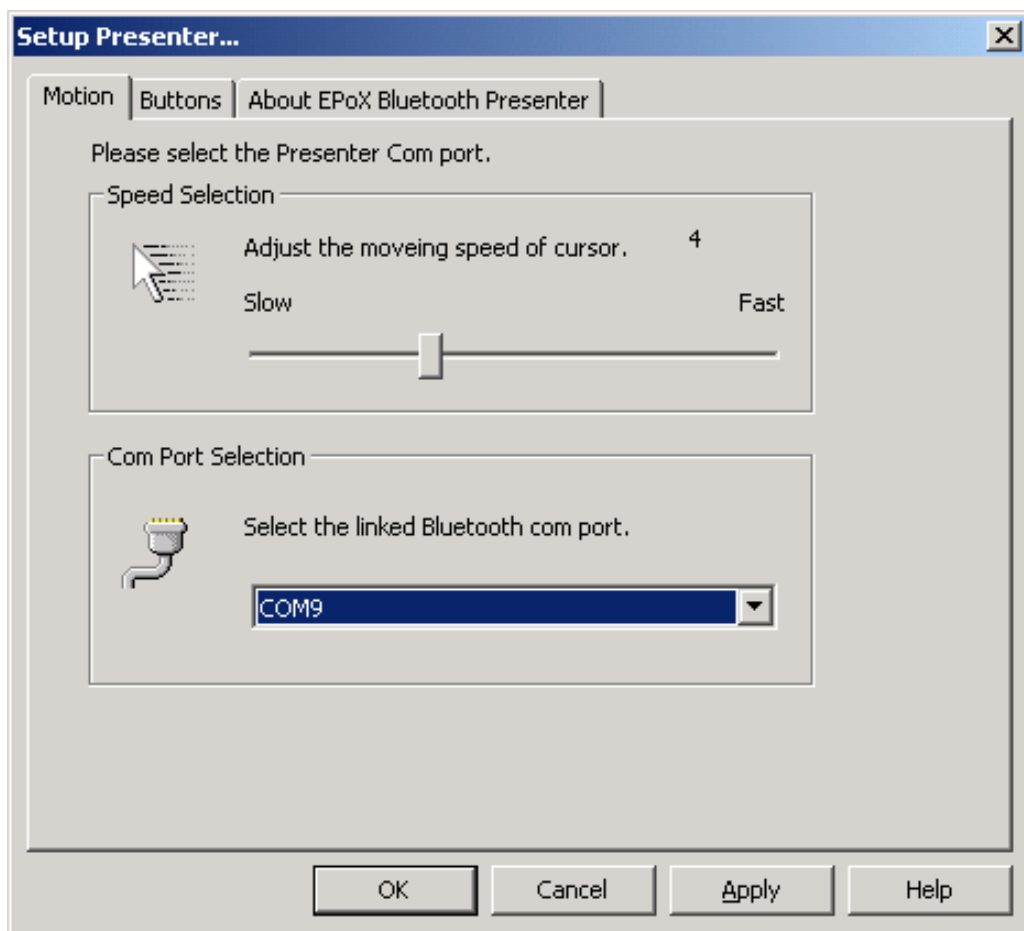
G. For example, please setup your COM port at **COM9** and click **OK**.



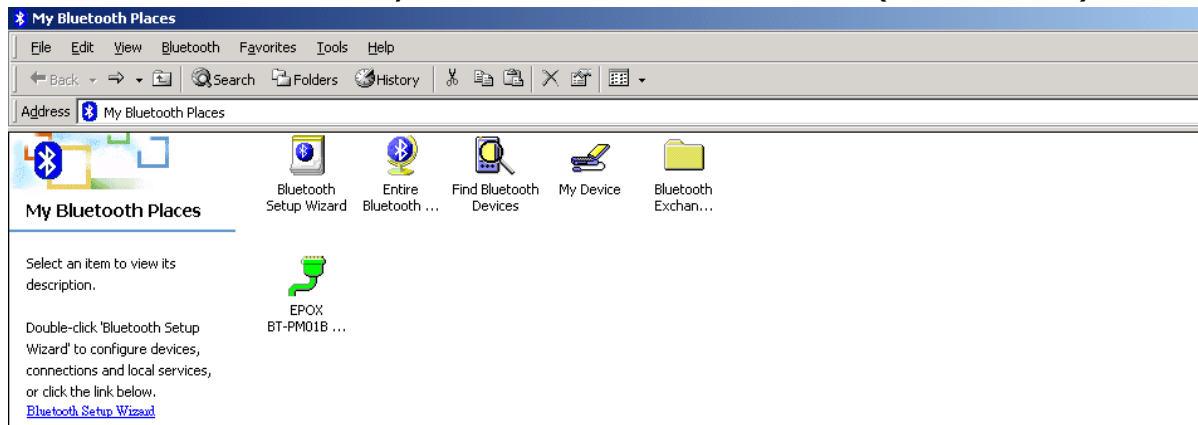
- H. Please move to  icon on system tray and click your mouse right button. Choose "**Setup presenter**".



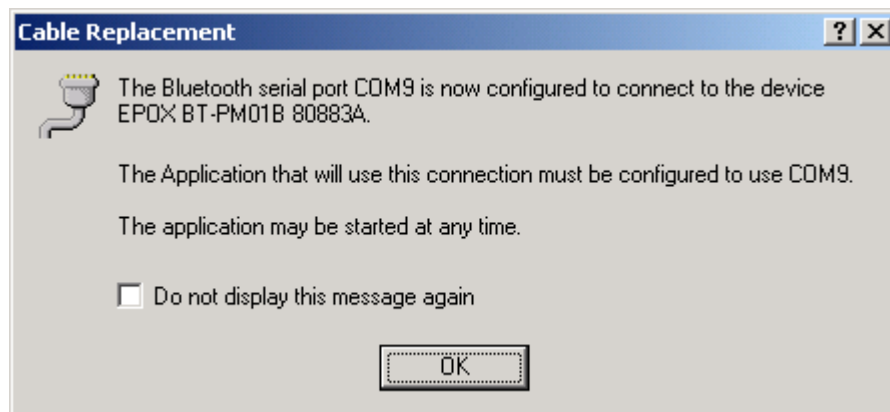
- I. In Com Port Selection, please select COM9 and click **ok**.



- J. Now turn on again your Bluetooth Presenter (BT-PM01B), by double-clicking on the **"EPOX BT-PM01B Cable Replacement"** icon to connect with your Bluetooth Presenter (BT-PM01B).



- K. Please click **OK**, now your Bluetooth Presenter (BT-PM01B) COM port is setting successful.



F.NOTICES

FCC-B Radio Frequency Statement



Tested To comply With FCC Standards
FOR HOME OR OFFICE USE

FEDERAL COMMUNICATIONS COMMISSION

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.

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

NOTE

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 or more 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.

This device and its antenna(s) used for this transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. In order to avoid the possibility of exceeding the FCC radio frequency exposure limits, human proximity to the antenna shall not be less than 20cm (8 inches) during normal operation.

Bluetooth™

EPoX Bluetooth Presenter

BT-PM01B

~ Handbuch ~

HAFTUNGSAUSSCHLUSS

Der Hersteller haftet lediglich im Rahmen der Produkthaftung gemäss der gesetzlichen Vorschriften. Es wird keine weitergehende Haftung, weder ausdrücklich noch konkludent, für das Produkt gewährleistet. Ausgeschlossen wird die Garantie für die Zusicherung der Handelsüblichkeit, die Eignung für einen bestimmten Zweck oder die Verletzung von Rechten Dritter. Dieser Haftungsausschluss findet in dem Maße Anwendung, wie die örtlichen Gesetze des Landes, in dem das Produkt gekauft wurde, den Haftungsausschluss konkludenter Garantien zulassen.

HANDBUCH

Danke, dass Sie sich für den EPoX Bluetooth Presenter (BT-PM01B) entschieden haben! Durch den Bluetooth-Presenter

können Sie Ihr Publikum per Knopfdruck durch Ihre Präsentation führen, ohne wie bisher an den PC oder das Notebook „gefesselt“ zu sein.

A. LIEFERUMFANG

- EPoX Bluetooth Presenter (BT-PM01B)
- Handbuch
- CD mit Treiber und Software

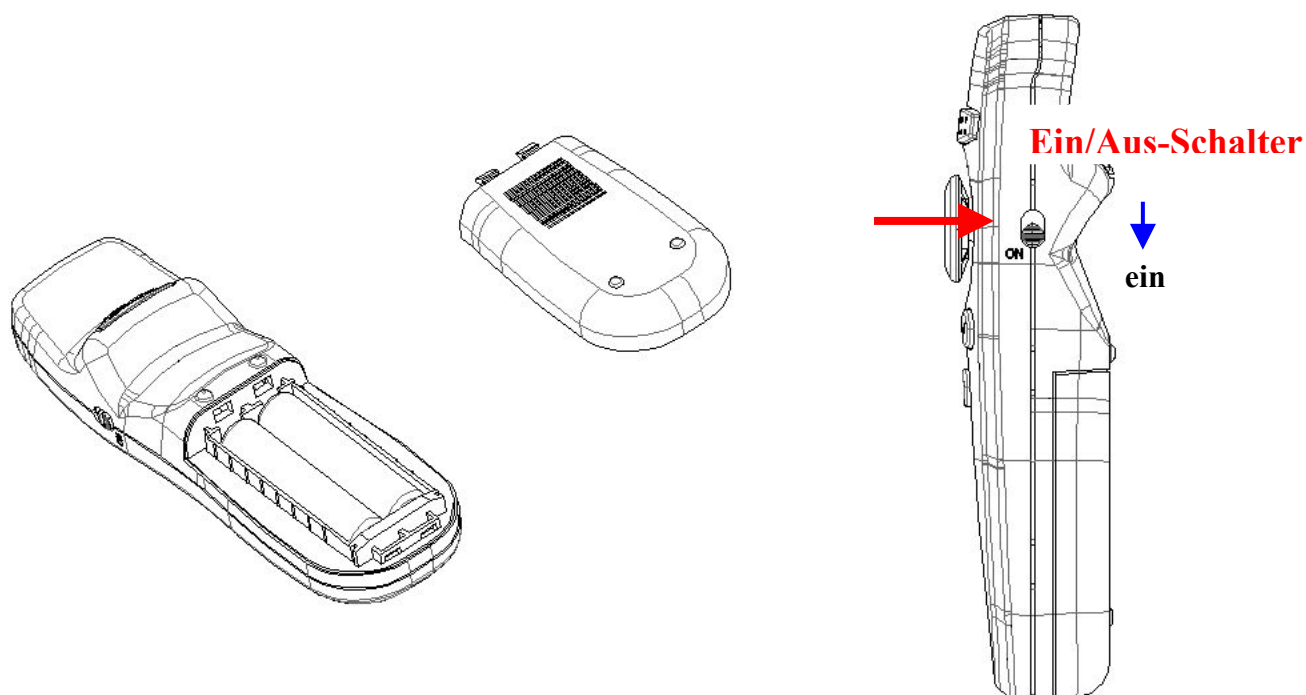
B. LEISTUNGSMERKMALE

- Chipsatz: CSR BlueCore 02
- Stromverbrauch: ~90mW, 6 Volt
- Stromquelle: 2 Batterien Typ Mikro (AAA)
- Frequenzbereich: 2,4 – 2,4835 GHz
- Antenne: Integriert
- Antennenimpedanz: 50 Ohm
- Lasermodul: Klasse II
 - i. Leistung: Weniger als 1mW
 - ii. Wellenlänge: 645~665nm
 - iii. Farbe : Rot
- Rx-Empfindlichkeit: -70dBm (Durchschnitt)
- Sendeleistung (Tx): maximal 4dBm (Klasse 2)
- Reichweite: >10 Meter (Sichtlinie)
- Funkstandard: Kompatibel zur Bluetooth-Norm 1.1
- Betriebskanäle: 79 Kanäle mit 1MHz Bandbreite
- Sicherheit: Volle Unterstützung für alle Sicherheits-mechanismen des Bluetooth-Standards einschließlich Hardware-Support für 128-Bit-Verschlüsselung in voller Länge
- Unterstützte Betriebssysteme: Windows 98/ME/2000/XP

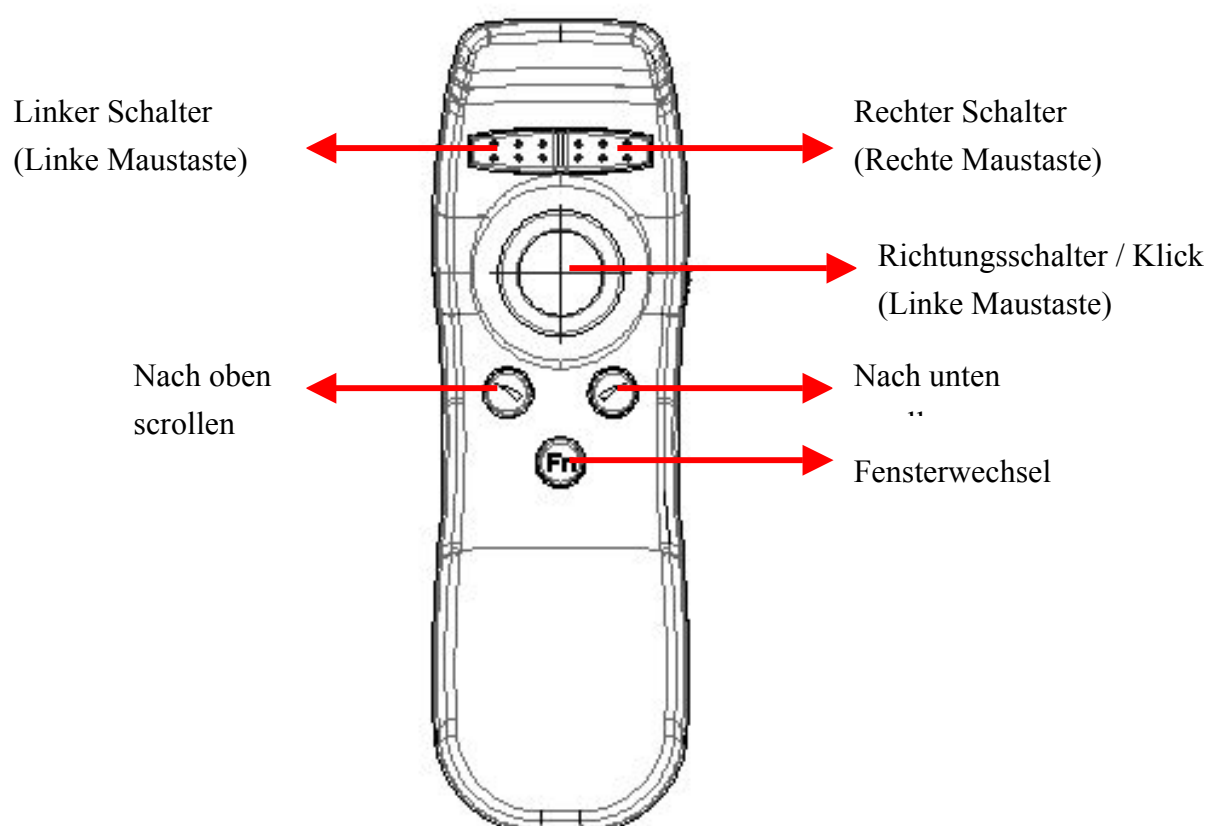
C. INBETRIEBNAHME DER PRESENTER-HARDWARE

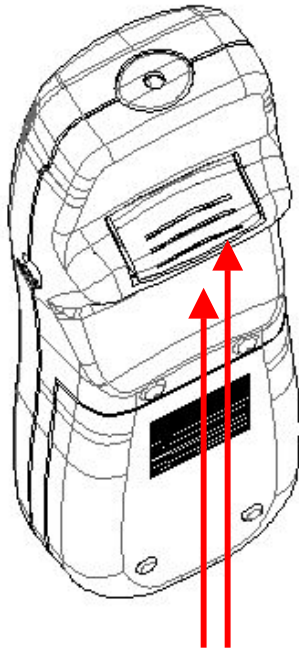
Legen Sie zwei Batterien (Typ Mikro, AAA) in den EPoX Bluetooth

Presenter (BT-PM01B) ein, bevor Sie ihn zum ersten Mal benutzen.
Schalten Sie ihn wie unten abgebildet ein.

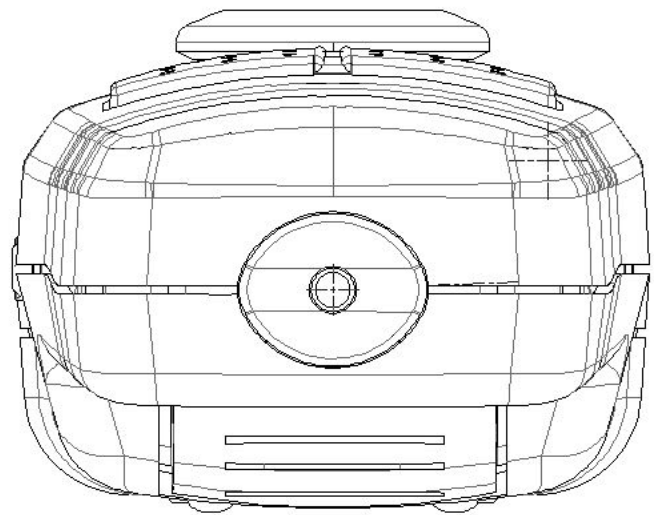


Legen Sie zwei Batterien (Typ Mikro) ein. Schalten Sie das Gerät ein.





Schalter für den Laserpointer



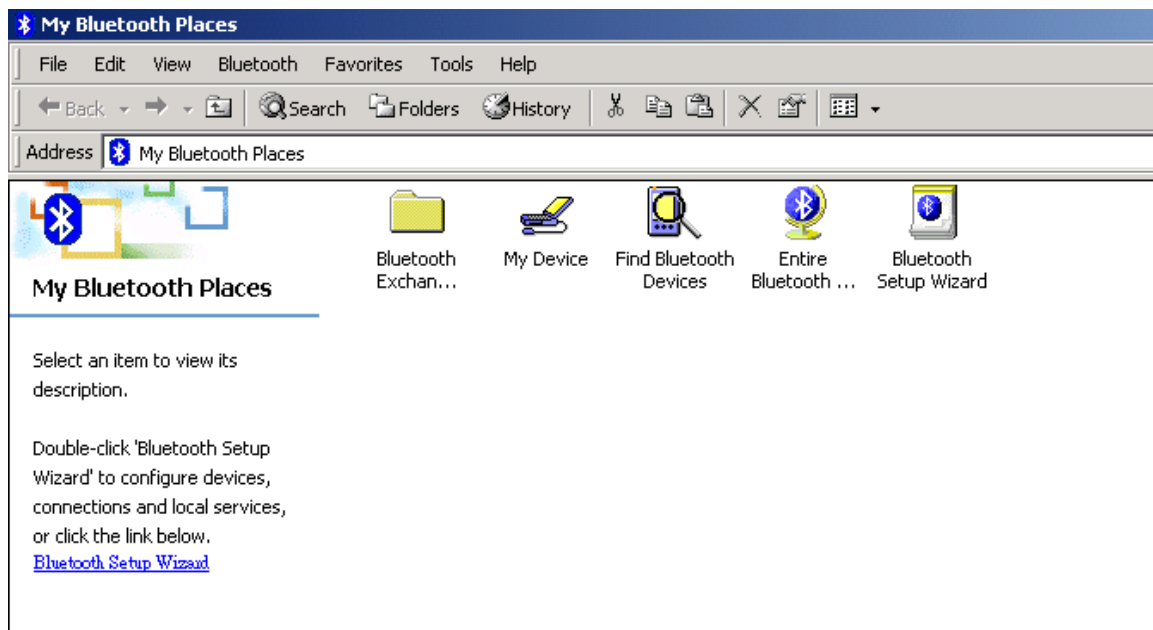
Laserpointer

D. AUFBAU DER FUNKVERBINDUNG

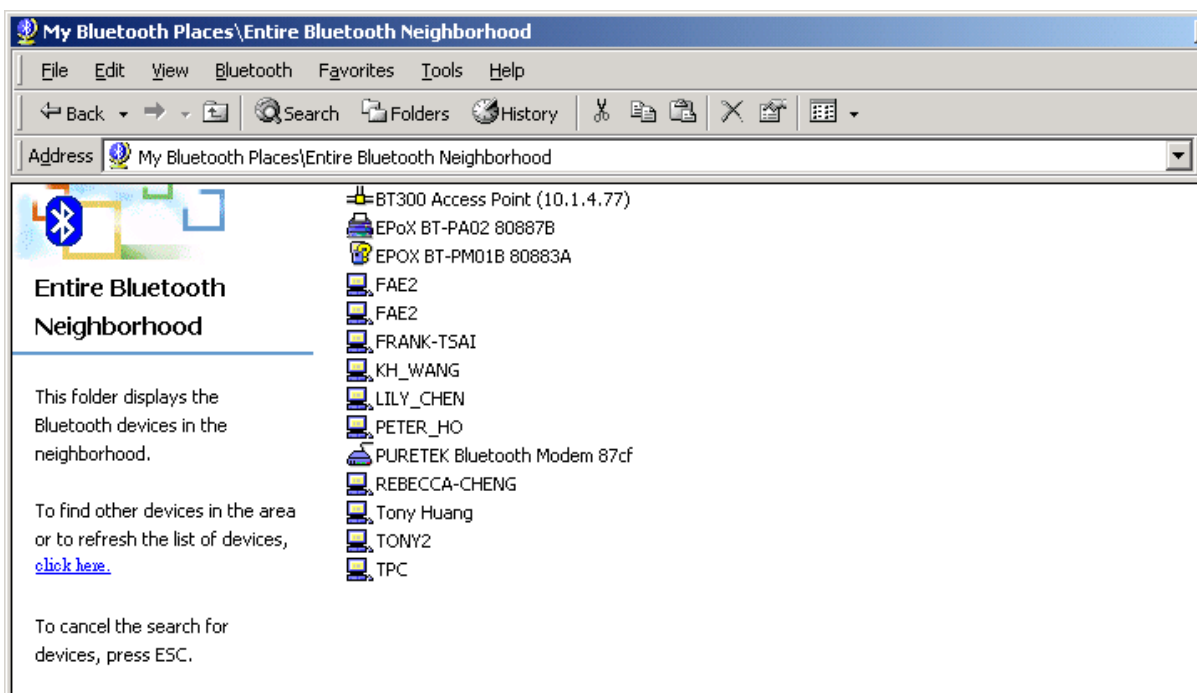
Um eine Verbindung per Bluetooth aufzubauen, müssen Sie den seriellen Port Ihrer Bluetooth-Komponente am PC/Notebook richtig einstellen. Wenn es sich bei Ihrem Bluetooth-Modul um ein EPoX BT-MB02B oder BT-DG02 oder BT-DG03 handelt, folgen Sie der unten beschriebenen Anleitung, nachdem der Widcomm-Protokollstack installiert wurde. Wenn Sie keinen Bluetooth-Dongle von Epox einsetzen, wenden Sie bezüglich der Konfiguration des seriellen Ports an den Hersteller Ihrer Bluetooth-Komponente.

D.1: Stellen Sie fest, welchen COM-Port der BT-PM01B Bluetooth Presenter benutzt

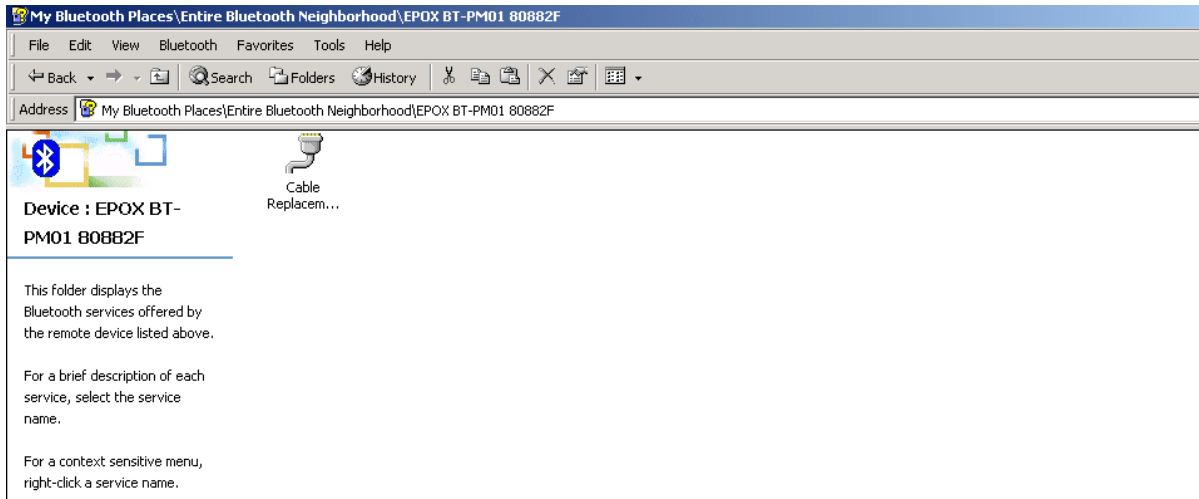
1. Schalten Sie Ihren Bluetooth Presenter (BT-PM01B) ein.
2. Doppelklicken Sie das Bluetooth-Symbol . Daraufhin öffnet sich das „**My Bluetooth**“-Fenster.



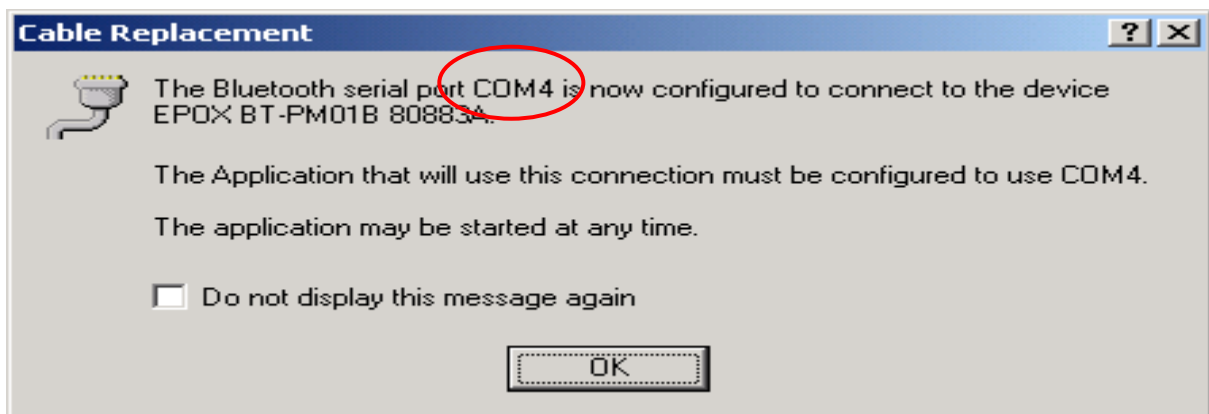
3. Wenn Sie im Anschluss auf das Symbol „**Entire Bluetooth Neighborhood**“ klicken, erscheint eine Übersicht über alle verfügbaren Bluetooth-fähigen Peripherie-Geräte.



4. Doppelklicken Sie den Eintrag **EPoX BT-PM01B XXXXXX**. Das Symbol „**Cable Replacement**“ sollte erscheinen.



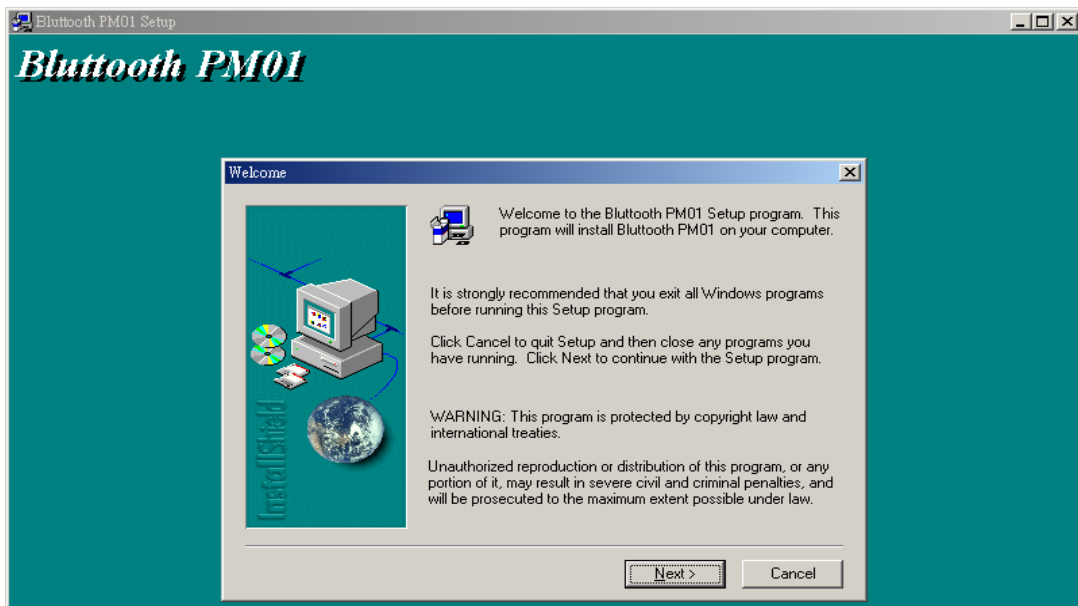
5. Durch einen Doppelklick auf das „**Cable Replacement**“-Symbol wird der vom EPoX Bluetooth Presenter verwendete COM-Port angezeigt. Notieren Sie sich diese Angabe; Sie werden sie später noch benötigen.



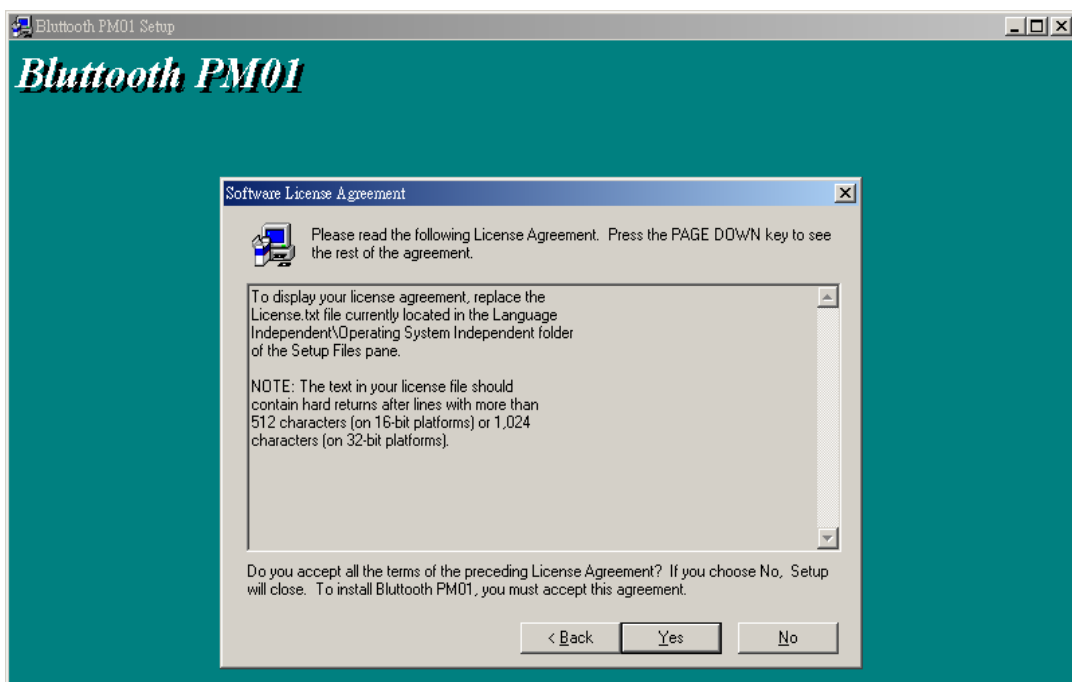
⚠ Achtung: Der COM-Port wird automatisch zugewiesen. Wenn dieser COM-Port bereits von einer anderen Komponente verwendet wird, müssen Sie die COM-Port-Zuweisung zu Ihrem Bluetooth-Presenter abändern, um die Verbindung herzustellen. Lesen Sie unter dem Menüpunkt F. FEHLERBESEITIGUNG nach, wie Sie einen anderen COM-Port einstellen.

D.2. Installation der Bluetooth Presenter (BT-PM01B)-Software:

- Legen Sie die im Lieferumfang des EPoX Bluetooth Presenter (BT-PM01B) enthaltene CD bereit.
 1. Legen Sie die CD in Ihr CDRom-Laufwerk am PC ein.
 2. Rufen Sie das auf der CD enthaltene Programm setup.exe auf, um die EPoX Bluetooth Presenter (BT-PM01B)-Software zu installieren.
 3. Klicken Sie im Begrüßungsfenster auf **Next**. Treiber und Software für den Bluetooth Presenter werden installiert.

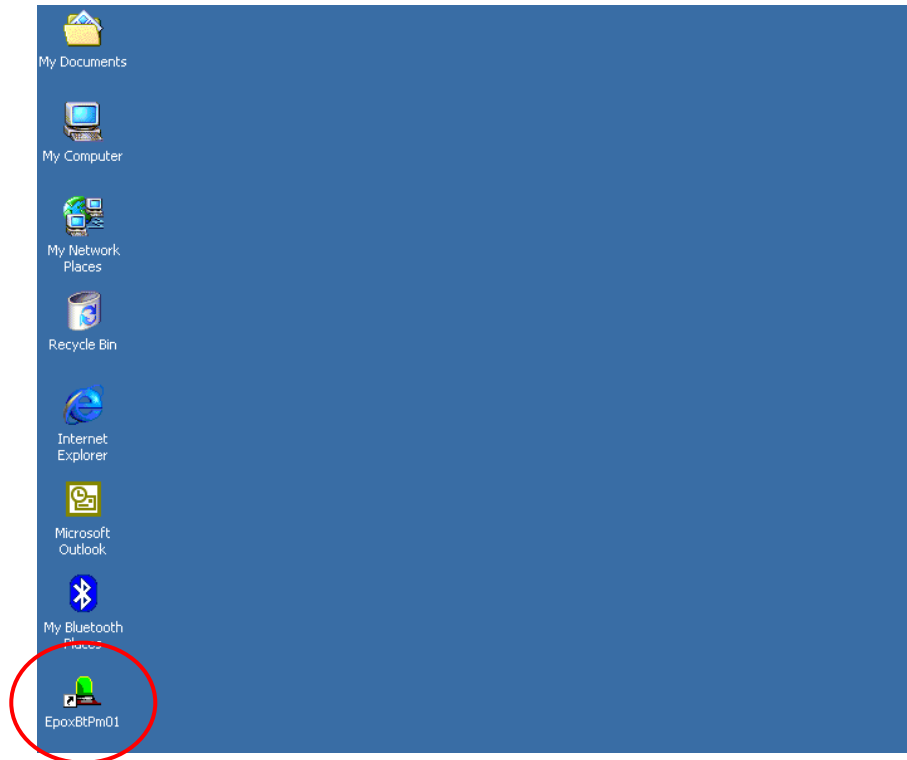


4. Klicken Sie auf **Yes**, um dem Lizenzabkommen zuzustimmen.

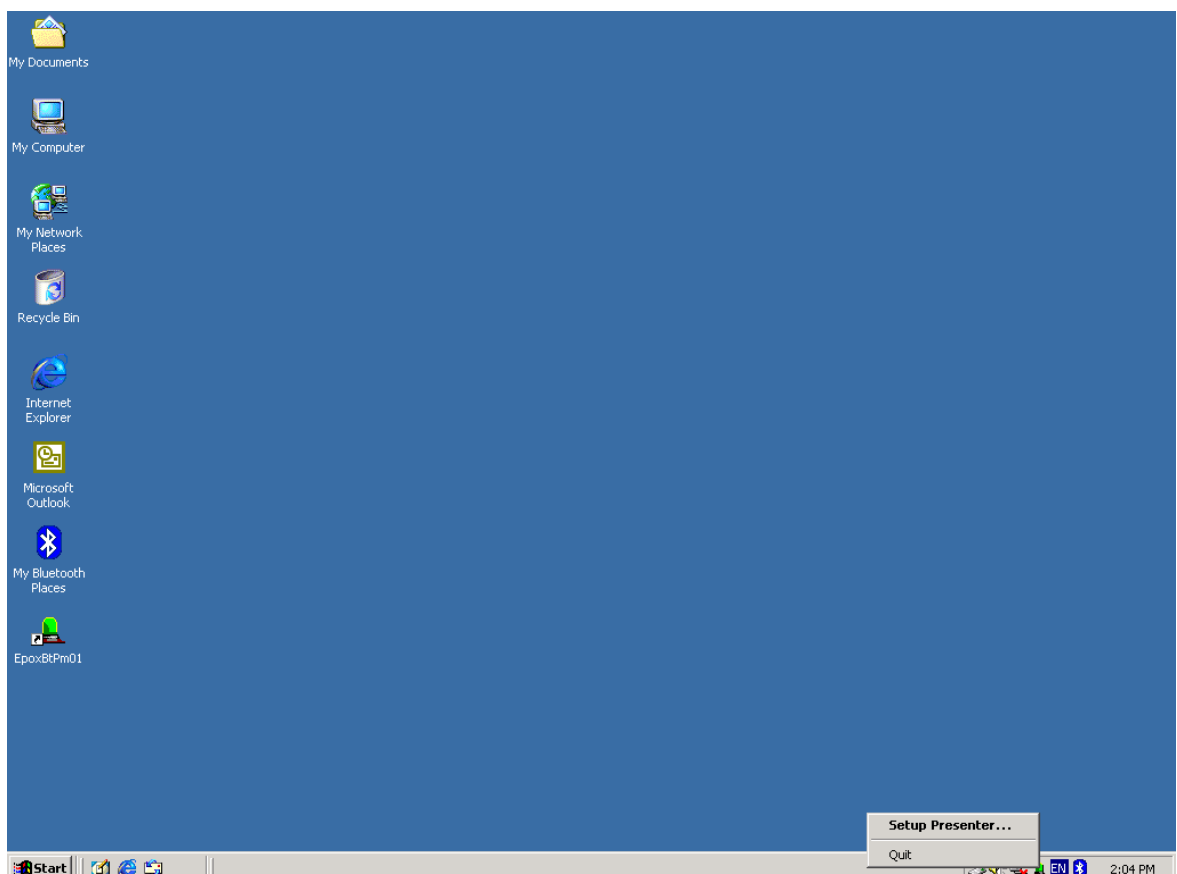


5. Nach Abschluss der Installation erscheint folgendes

Symbol  auf Ihrem Desktop.

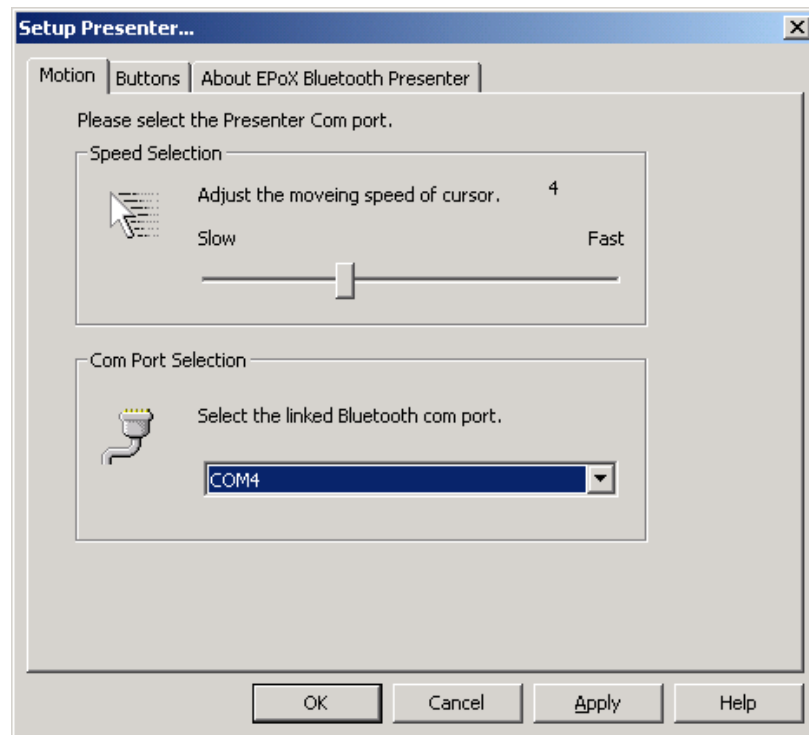


6. Dasselbe Symbol  findet sich auch in der Systemablage. Bitte klicken Sie es mit der rechten Maustaste an.



7. Wählen Sie aus dem Pop-Up-Menü den Punkt „**Setup**“

Presenter“.



8. Stellen Sie auf der folgenden Oberfläche die Mauszeiger-Geschwindigkeit und den COM-Port des Presenters ein.
9. Die voreingestellte Geschwindigkeit ist 4; es wird empfohlen, diese Einstellung beizubehalten.
10. Klicken Sie auf **OK**, um den Setup-Vorgang für den Bluetooth Presenter (BT-PM01B) zu beenden.

Herzlichen Glückwunsch! Sie können Ihren Bluetooth-Presenter BT-PM01B nun in Betrieb nehmen.

☞Hinweis 1: Der bei einer hohen Sicherheitsstufe benötigte Pin-Code Ihres Presenters ist werksseitig auf „0000“ voreingestellt.

☞Hinweis 2: Um Energie zu sparen, schaltet sich der Presenter BT-PM01B in folgenden Fällen automatisch ab:

- 1. Sobald der BT-PM01B eingeschaltet ist, muss die Bluetooth-Verbindung zum PC innerhalb von 5 Minuten aufgebaut werden. Ansonsten schaltet sich der BT-PM01B automatisch ab.***
- 2. Wenn der BT-PM01B mehr als 2 Stunden lang nicht benutzt wird, schaltet sich das Gerät ab.***
- 3. Wenn Ihr PC während der Präsentation abgeschaltet wird***

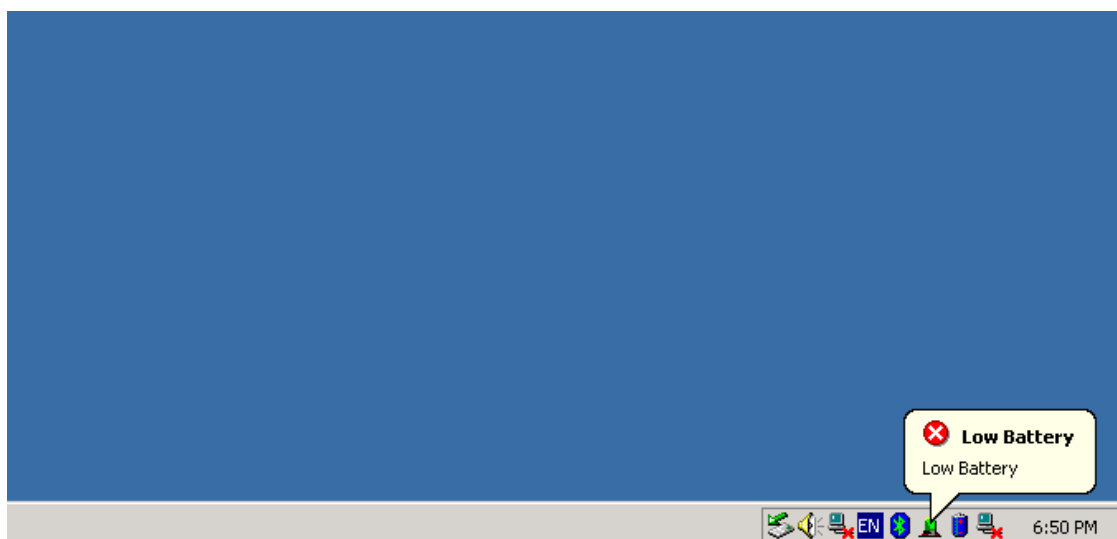
oder Sie den Presenter aus dem Sende- und Empfangsradius des PCs entfernen, wird die Bluetooth-Verbindung abgebaut. Wird der PC wieder eingeschaltet oder bringen Sie den BP-PM01B wieder zurück in den Bluetooth-Sende- und Empfangsradius Ihres PCs, können Sie die Verbindung durch Betätigen der Schalter an Ihrem Presenter wieder aufbauen. Wird die Verbindung allerdings nicht innerhalb von **60 Sekunden** wieder hergestellt, schaltet sich der Presenter automatisch ab.

Selbstverständlich können Sie die Bluetooth-Verbindung sofort wieder aufbauen, indem Sie den Presenter aus- und wieder einschalten und den Anweisungen unter Kapitel D folgen. (Ausgenommen Menüpunkte 3 - 5).

☞ **Hinweis 3:** Der Richtungsschalter ist nicht für übermäßige Krafteinwirkung gedacht. Bitte wenden Sie maximal 0,15 Newtonmeter an.

☞ **Hinweis 4:** Ist das Drehmoment zu stark, läßt sich der Schalter nicht mehr bewegen. Drehen Sie dann den Schalter unter geringer Kraftaufwendung in eine beliebige Richtung, um die Sperre aufzuheben.

☞ **Hinweis 5:** Wechseln Sie die Batterien des Presenters, wenn in der Systemablage die Meldung „Low Battery“ erscheint.



E. BENUTZUNG DES LASERPOINTERS

Bitte drücken Sie die Taste für den Laserpointer, damit der Laser aktiviert wird.



Warnung vor dem laser

Leuchten Sie Niemandem in die Augen!

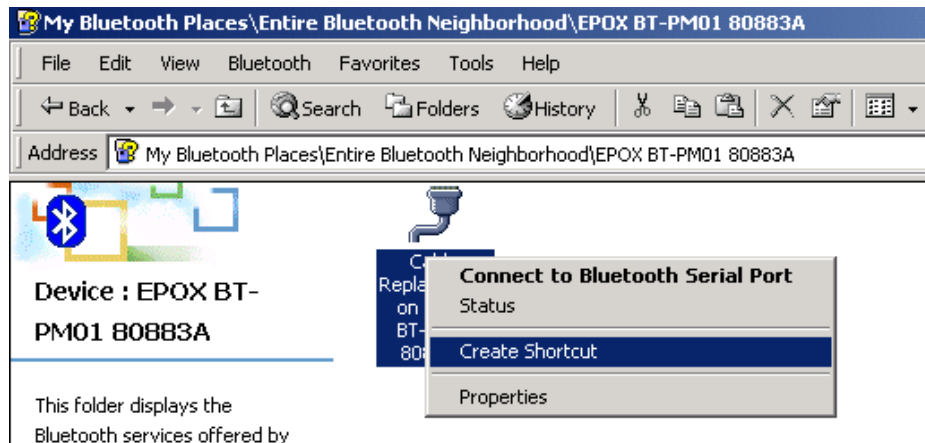
Nicht öffnen!

E. FEHLERBESEITIGUNG

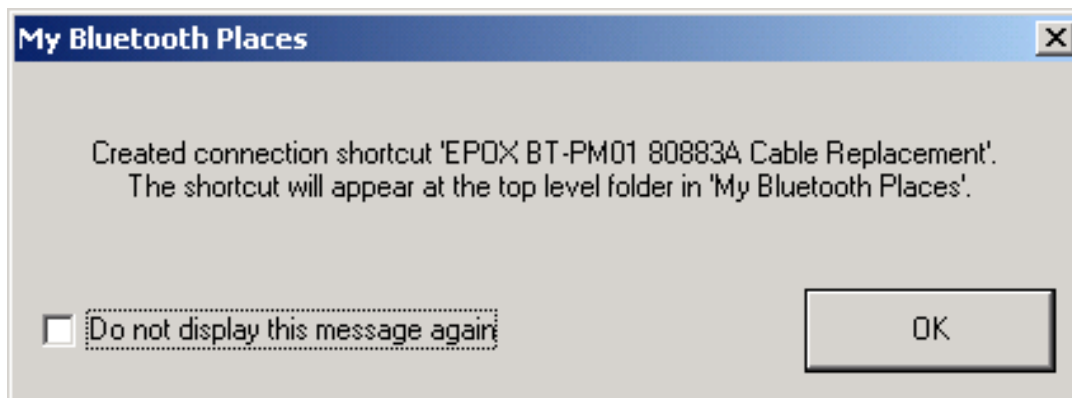
Wenn Sie den Bluetooth Presenter (BT-PM01B) nicht in Betrieb nehmen können, überprüfen Sie folgende Einstellungen:

- 1.** Überprüfen Sie, ob der Bluetooth Presenter (BT-PM01B) eingeschaltet ist.
- 2.** Überprüfen Sie, ob das Cable Replacement-Symbol grün aufleuchtet. Ist dies nicht der Fall, konnte keine Bluetooth-Verbindung hergestellt werden.
- 3.** Wenn Sie den Bluetooth Presenter nicht verwenden können, obwohl das Cable Replacement-Symbol grün aufleuchtet, überprüfen Sie die Batterien des BT-PM01B.
- 4.** Wenn Sie nach Überprüfung aller oben genannten Punkte Ihren Bluetooth Presenter (BT-PM01B) immer noch nicht verwenden können, schalten Sie den Presenter aus und wieder ein. Dadurch wird ein Gerätes durchgeführt.
- 5.** So verändern Sie die COM-Port-Zuweisung:
 - A. Folgen Sie den Anweisungen 1-4 unter D.1

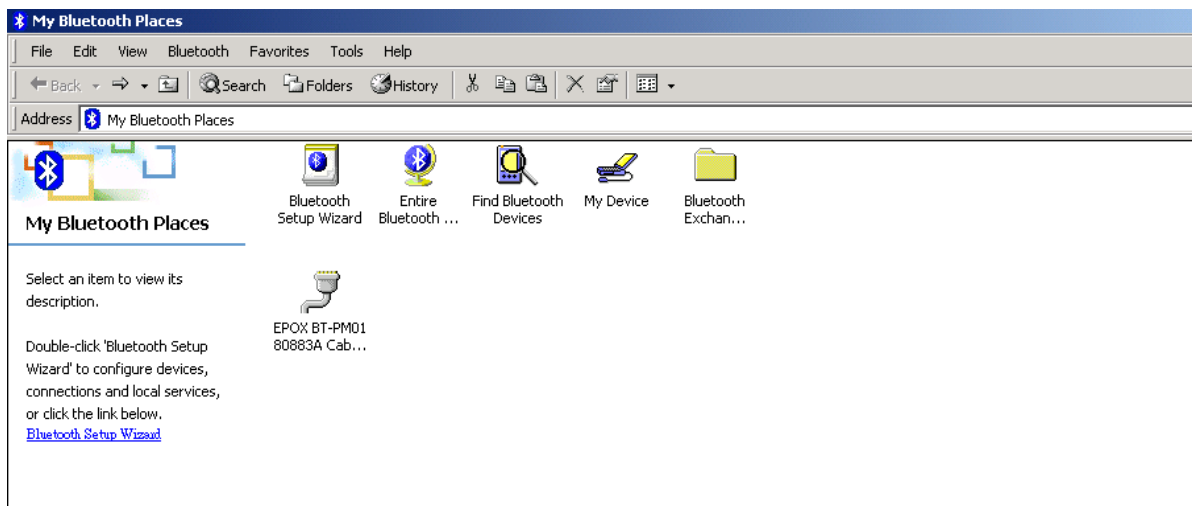
- B. Klicken Sie mit der rechten Maustaste auf das Cable Replacement-Symbol und wählen Sie aus dem Pop-Up-Menü die Funktion „**Create Shortcut**“.



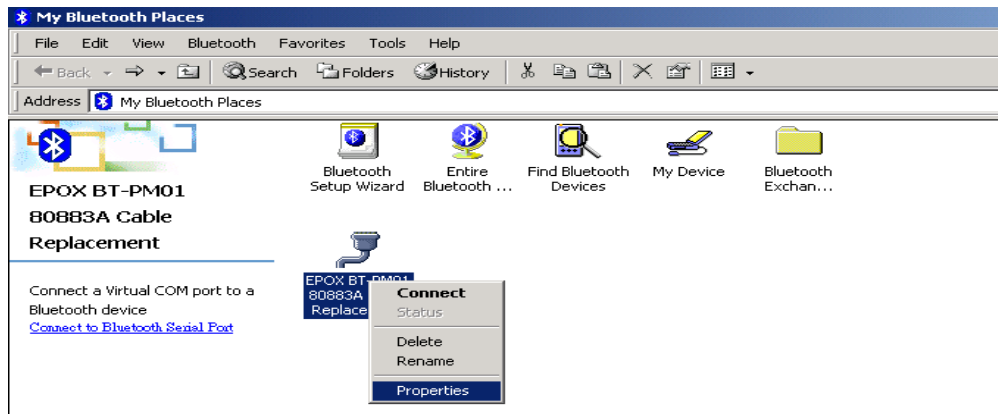
- C. Klicken Sie auf **OK** um den Shortcut im Verzeichnis „**My Bluetooth Places**“ zu erstellen.



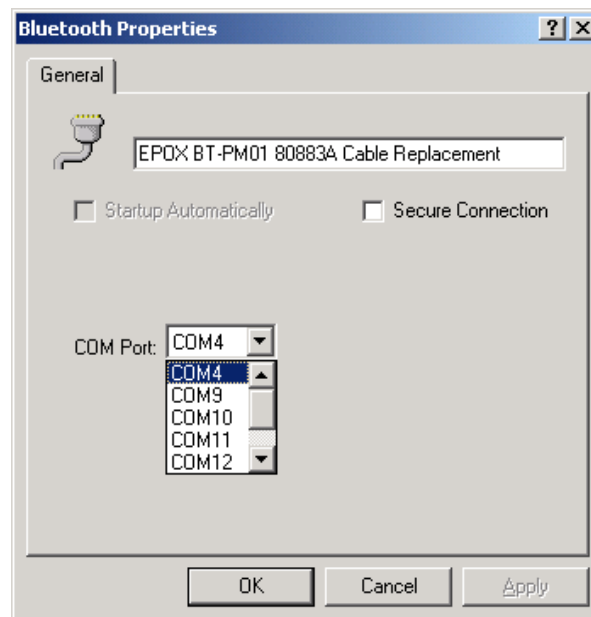
- D. Wenn Sie nun das Verzeichnis „**My Bluetooth Places**“ öffnen, sehen Sie dort das Symbol „**EPOX BT-PM01B Cable Replacement**“.



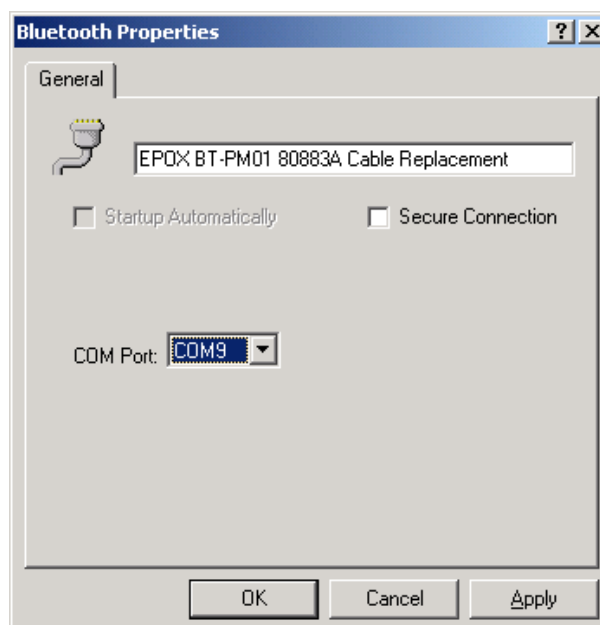
E. Klicken Sie das Symbol mit der rechten Maustaste an und wählen Sie die Funktion „**Eigenschaften**“.



F. Sie können nun einen anderen COM-Port zuweisen.



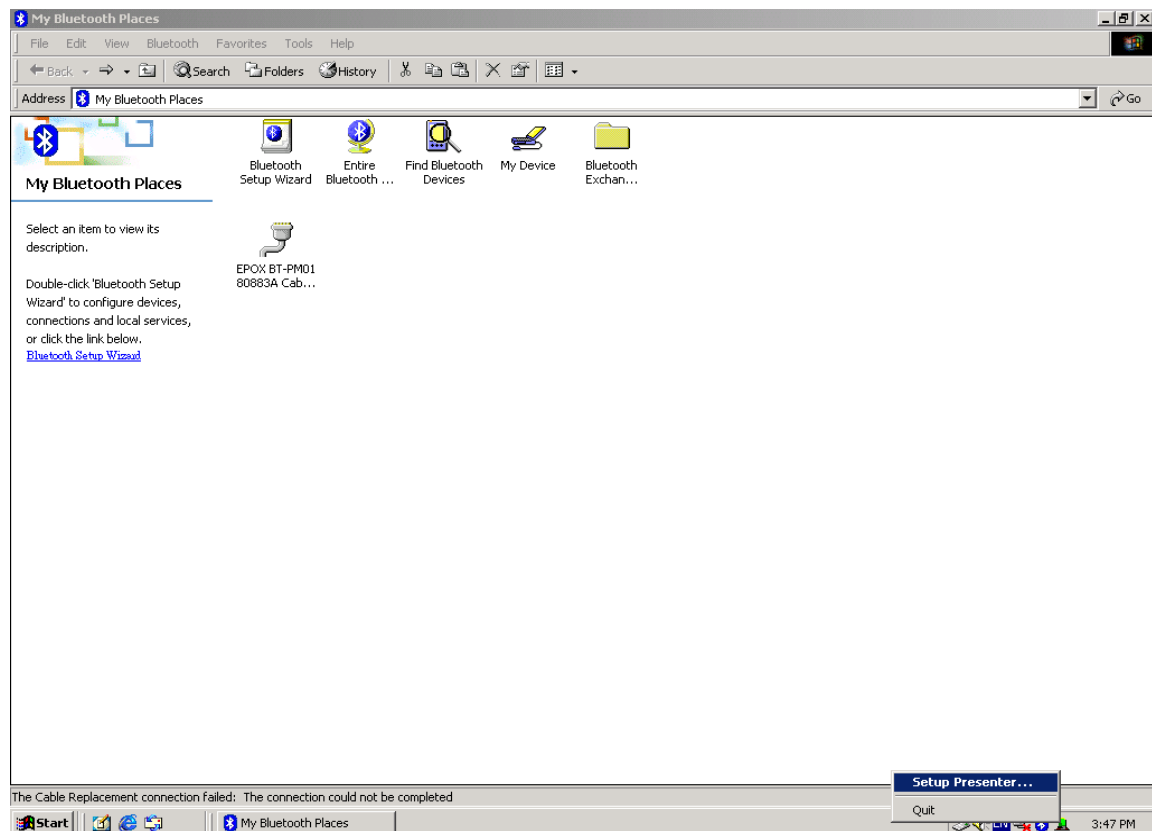
G. Wählen Sie beispielsweise den COM-Port „**COM9**“ und klicken Sie auf **OK**.



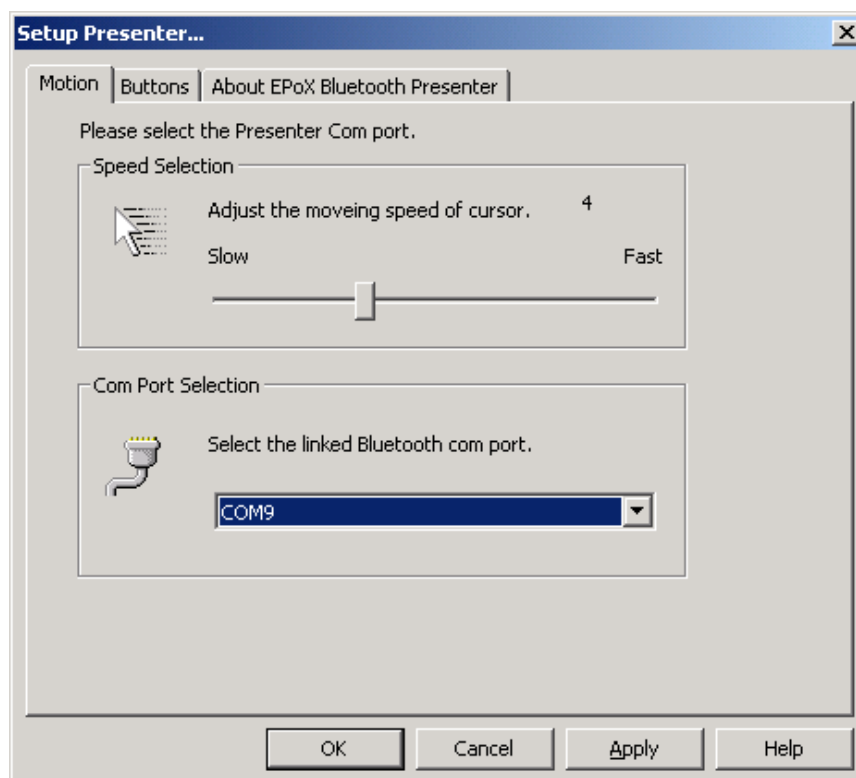
H. Klicken Sie mit der rechten Maustaste auf dieses Symbol



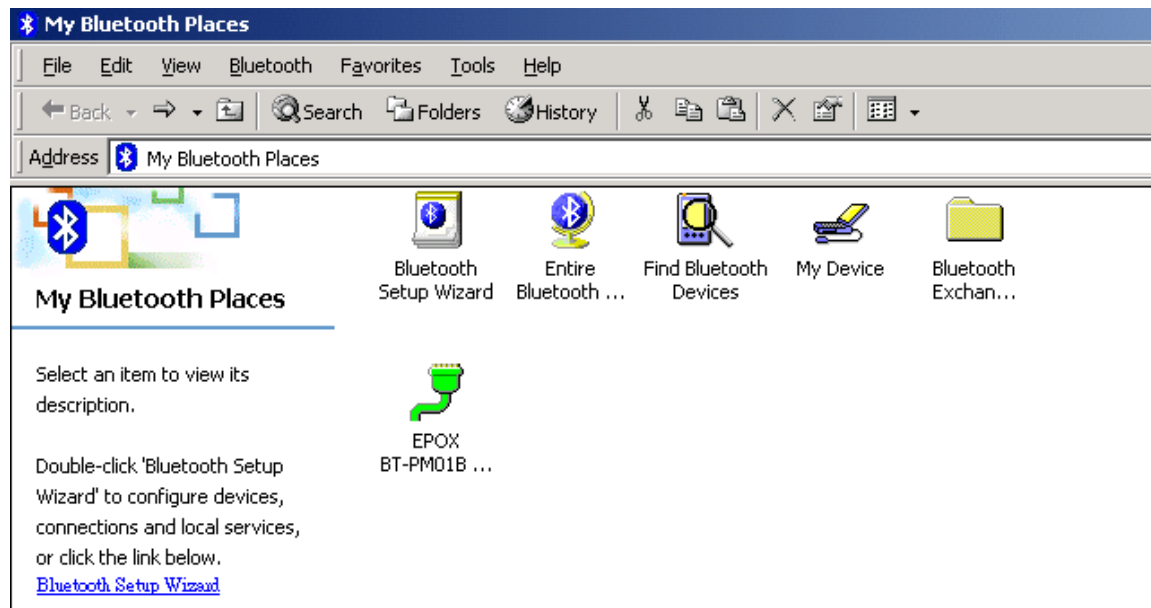
in der Systemablage. Wählen Sie den Menüpunkt „**Setup presenter**“.



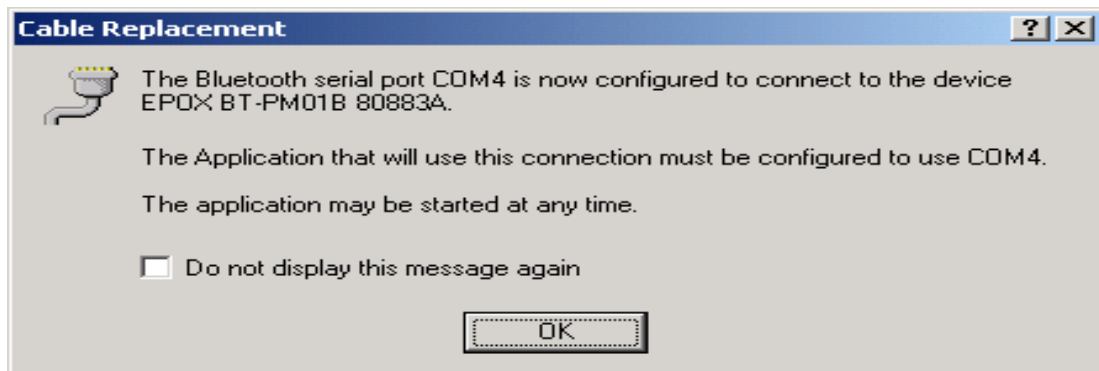
I. Stellen Sie unter „**Com Port Selection**“ „**COM9**“ ein und klicken Sie auf **OK**.



- J. Schalten Sie Ihren Bluetooth Presenter (BT-PM01B) wieder ein und stellen Sie die Verbindung zum PC her, indem Sie auf das Symbol „**EPOX BT-PM01B Cable Replacement**“-Symbol klicken.



- K. Klicken Sie auf **OK**. Sie haben damit den COM-Port Ihres Bluetooth Presenter (BT-PM01B) neu eingestellt.



Bluetooth™

磐英藍芽行動簡報器

BT-PM01B

~操作指南~

DISCLAIMER OF WARRANTIES

There are no warranties which extend beyond the description on the face of the EPoX limited warranty. EPoX expressly excludes all other warranties, express or implied, regarding its products; including any implied warranties of merchantability, fitness for a particular purpose or non-infringement. This disclaimer of warranties shall apply to the extend allowed by state laws in the states of United States in which state laws do not allow or limit the exclusion of the implied warranties.

~操作指南~

感謝您使用磐英藍芽行動簡報器(BT-PM01B)，很快的您的行動簡報器將具有無線藍芽的功能，在您透過您的桌上型電腦或筆記型電腦做簡報時，您將不用在您的電腦旁控制著簡報畫面，在您安裝好了磐英的藍芽行動簡報器您將可透過藍芽功能在簡報室的內任一角落控制著您的簡報畫面做出您滿意的簡報。

A. 包裝清單

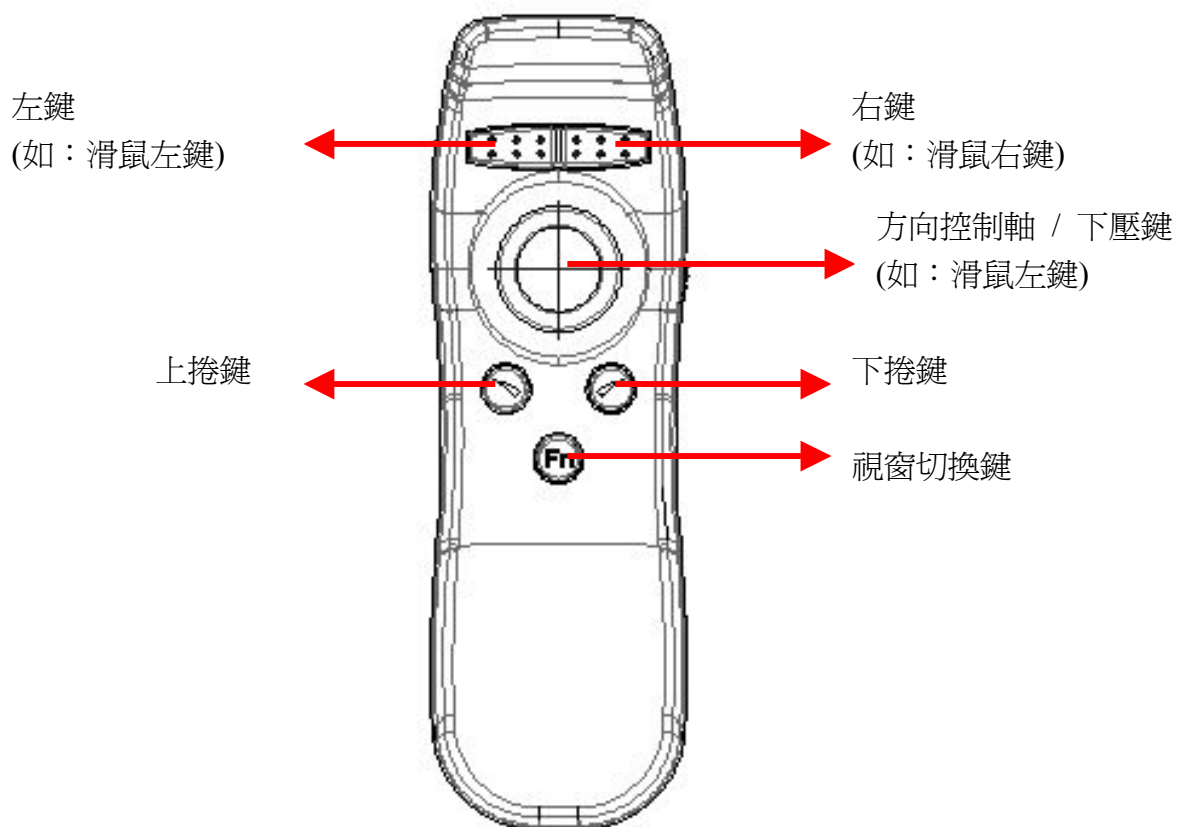
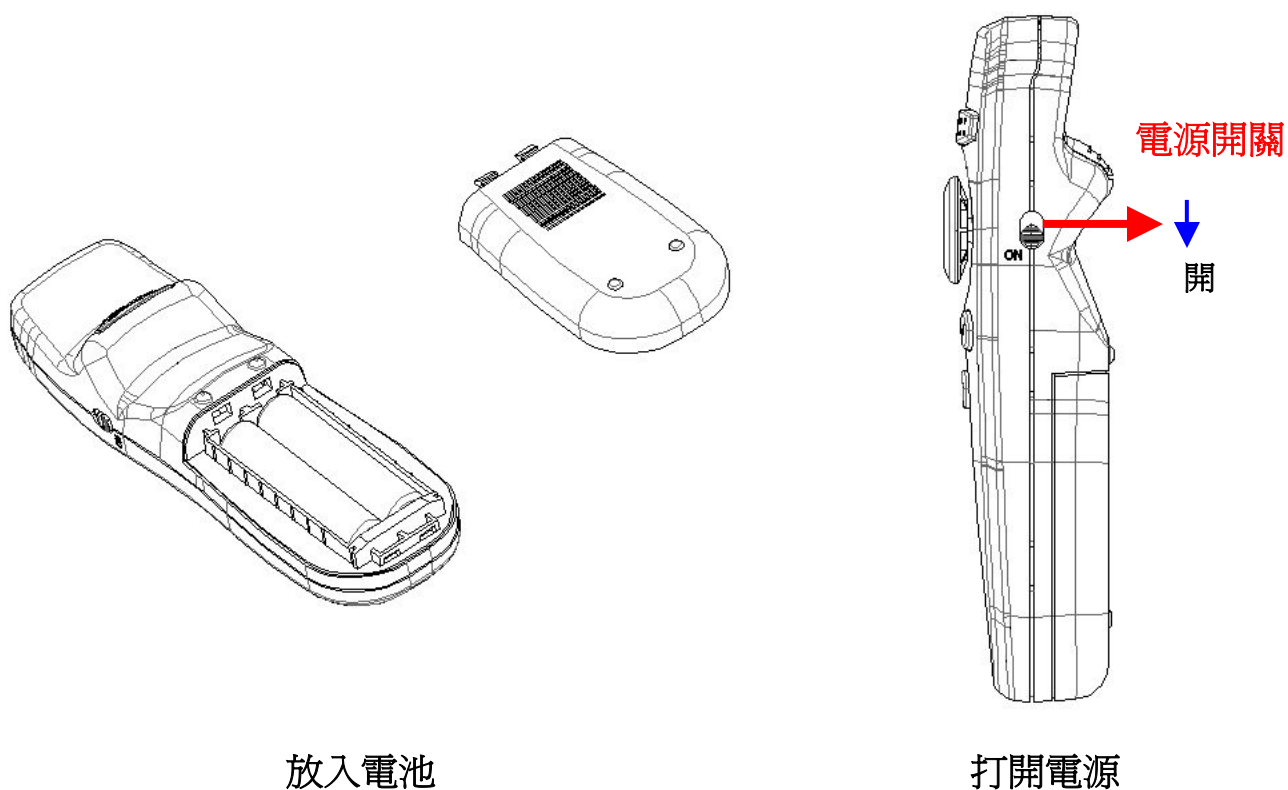
- 1 支磐英藍芽行動簡報器 (BT-PM01B)
- 1 份操作指南
- 2 顆四號電池
- 1 片磐英藍芽行動簡報器應用程式光碟

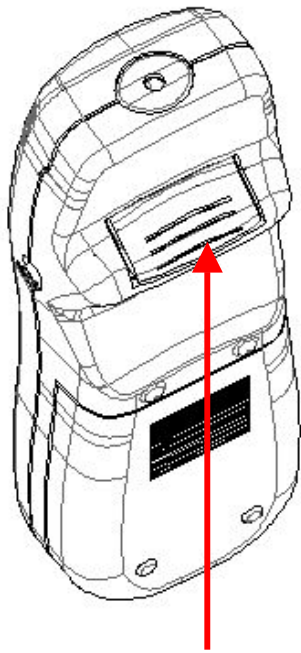
B. 產品規格及特色

- 晶片組：CSR BlueCore 02
- 耗電量：~90mW @ 3 Vdc
- 電池：2 * AAA Battery
- 頻率範圍：2.4-2.4835 GHz(千兆赫)
- 天線：內建
- 天線負載：50 Ohm
- 雷射模組：Class II
 - i. 耗電量：少於 1mW
 - ii. 波 長：645~660nm
 - iii. 顏 色：紅光
- 接收靈敏度：-70dBm (標準)
- 輸出功率：最大 4dBm (class 2)
- 使用範圍：>10 公尺(視線範圍)
- 無線通訊規格：完全符合藍芽 1.1 版之規格
- 工作頻道：79 個 1MHz(兆赫) 頻道
- 保密：符合藍芽保密規定，包含硬體 128 位元的加密金鑰。
- 操作系統：Windows 98SE/ME/2000/XP

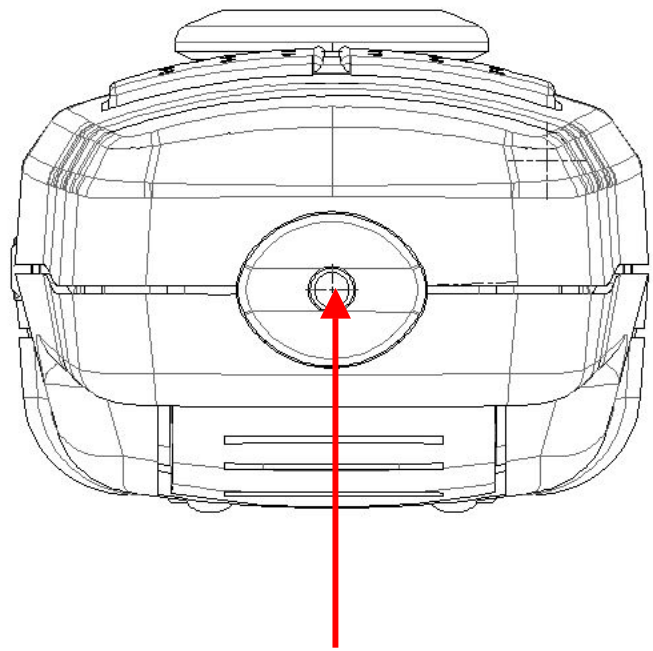
C. 磐英藍芽行動簡報器硬體解說

在您使用磐英藍芽行動簡報器之前請如下圖放進隨貨附贈的兩顆四號電池並且打開電源開關。





雷射光筆鍵



雷射

功能鍵定義：

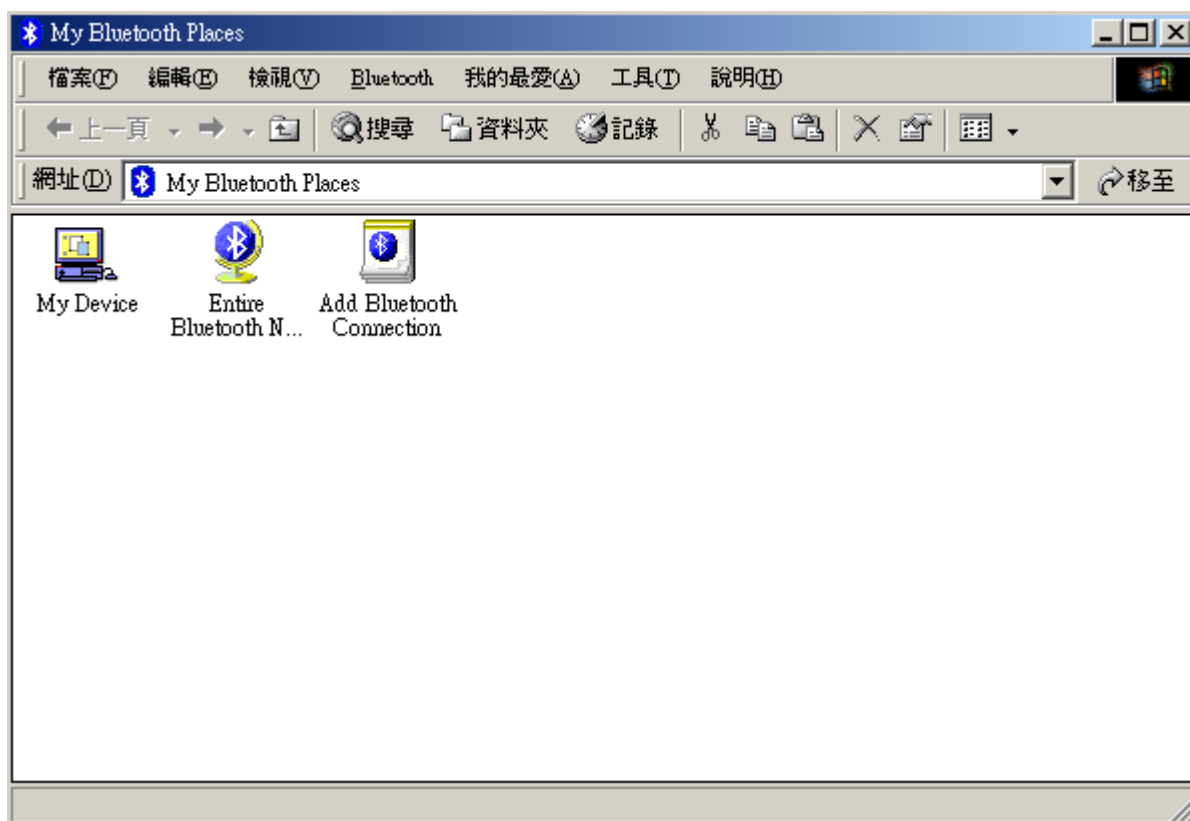
- 1. 右鍵：**
與滑鼠右鍵相同功能。
- 2. 左鍵：**
與滑鼠左鍵相同功能。
- 3. 方向控制軸：**
與滾輪滑鼠功能相仿，您可以透過此方向控制軸來移動畫面上的游標，下壓此方向控制軸將可以取代滑鼠的左鍵功能。
- 4. 上捲鍵/下捲鍵：**
當您在做 PowerPoint 簡報時，這兩個按鍵將可以取代您畫面換頁的功能，您可控制畫面的前一頁或下一頁經由上捲與下捲兩鍵。
- 5. 視窗切換鍵：**
視窗切換鍵用在不同檔案視窗間的切換，有時候當您在做簡報時需要同時開起許多檔案視窗同時使用，此時您就可以利用這個視窗切換鍵隨時來改變您的視窗畫面。
- 6. 雷射光筆鍵：**
按下此案鍵即可射出雷射光點。

D.連接埠設定

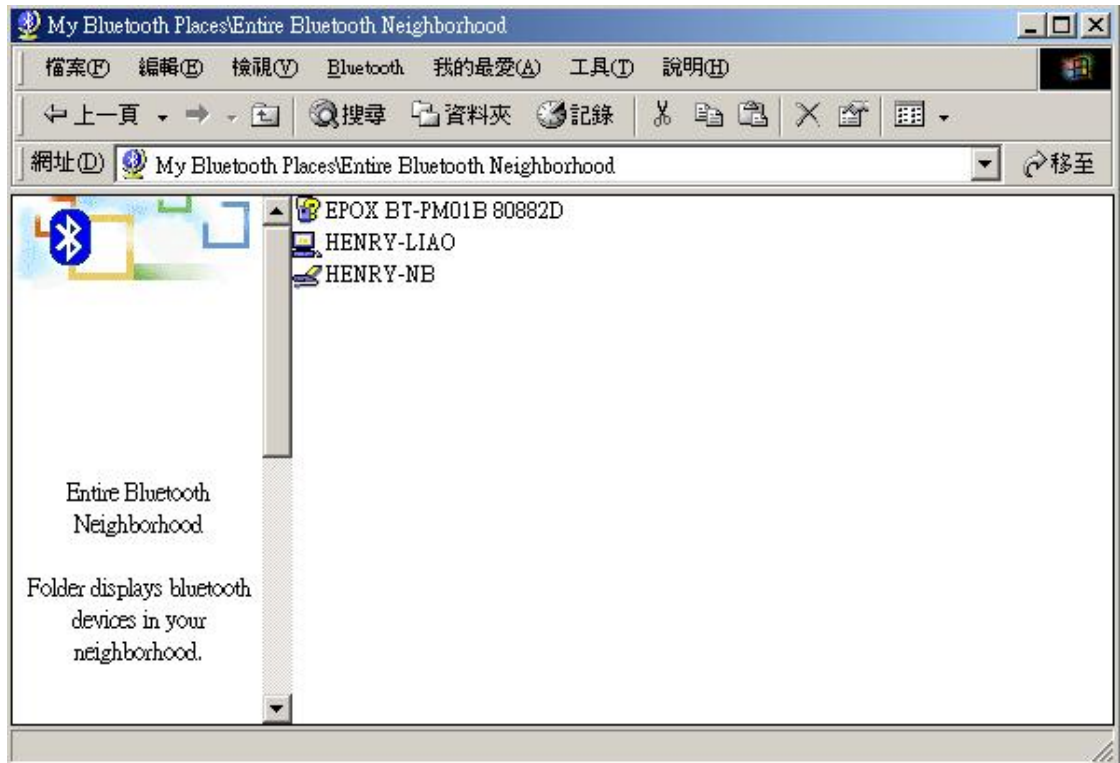
當您要連接磐英藍芽行動簡報器時，您必須設定您 PC 上的藍芽裝置連接埠，假如您的藍芽連接裝置為磐英 EPoX BT-MB02 或 BT-DG02 或 BT-DG03 請您先打開您的 Widcomm，然後依照下列步驟連接您的磐英藍芽行動簡報器，如果您的藍芽連接裝置為其他廠商所提供的，請洽您產品的製造商去獲得相關資訊。

D.1: 檢查您的磐英藍芽行動簡報器 BT-PM01B 連接埠:

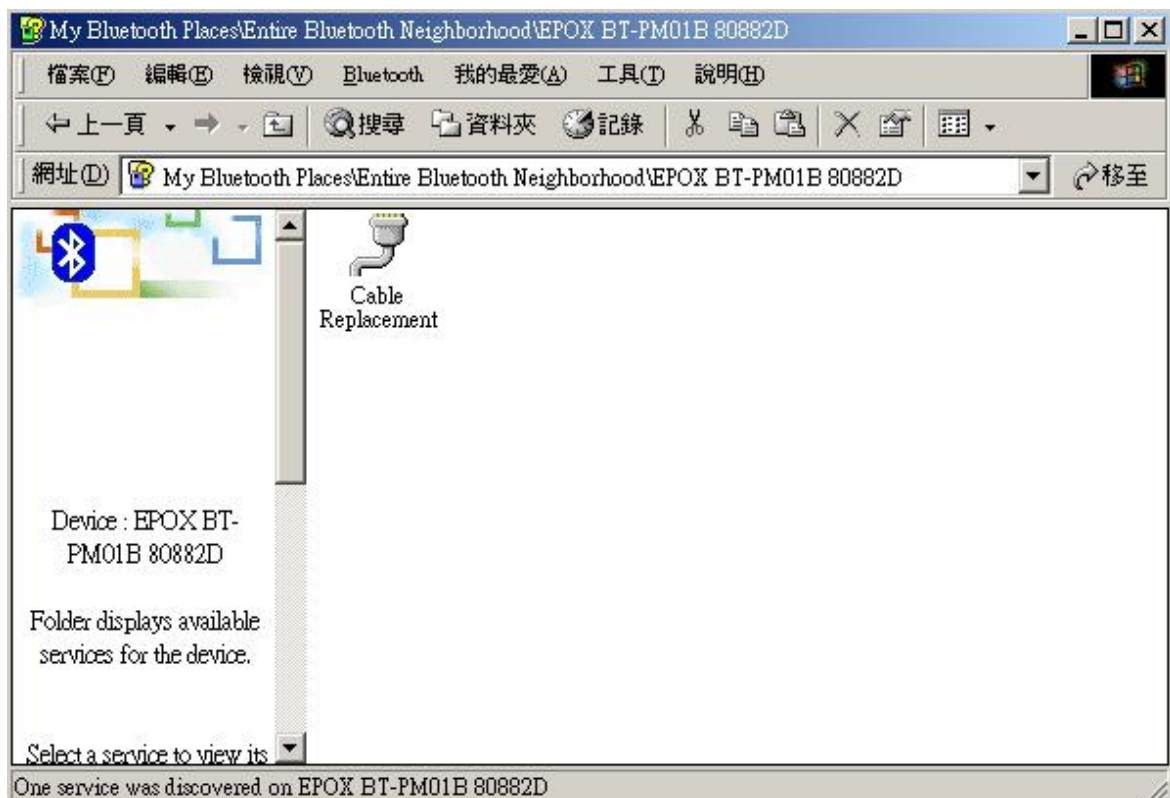
1. 請打開您的磐英藍芽行動簡報器 BT-PM01B 電源開關。
2. 請雙擊您桌面上的  圖示打開 “My Bluetooth Places” 畫面。



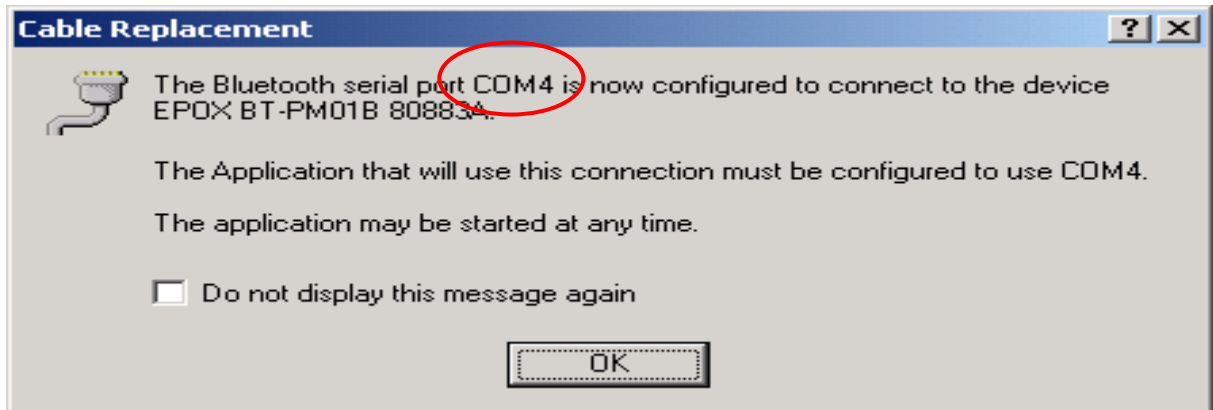
3. 雙擊 “**Entire Bluetooth Neighborhood**” 圖示,將會開始搜尋所有在週邊的可用藍芽裝置。



4. 您可找到如 **EPoX BT-PM01B XXXXXX** 並請雙擊這個選項，將會出現“**Cable Replacement**” 圖示。



5. 雙擊 “**Cable Replacement**” 圖示之後將會出現您的磐英藍芽行動簡報器 BT-PM01B 連接埠狀態，請記下您的連接埠序號。

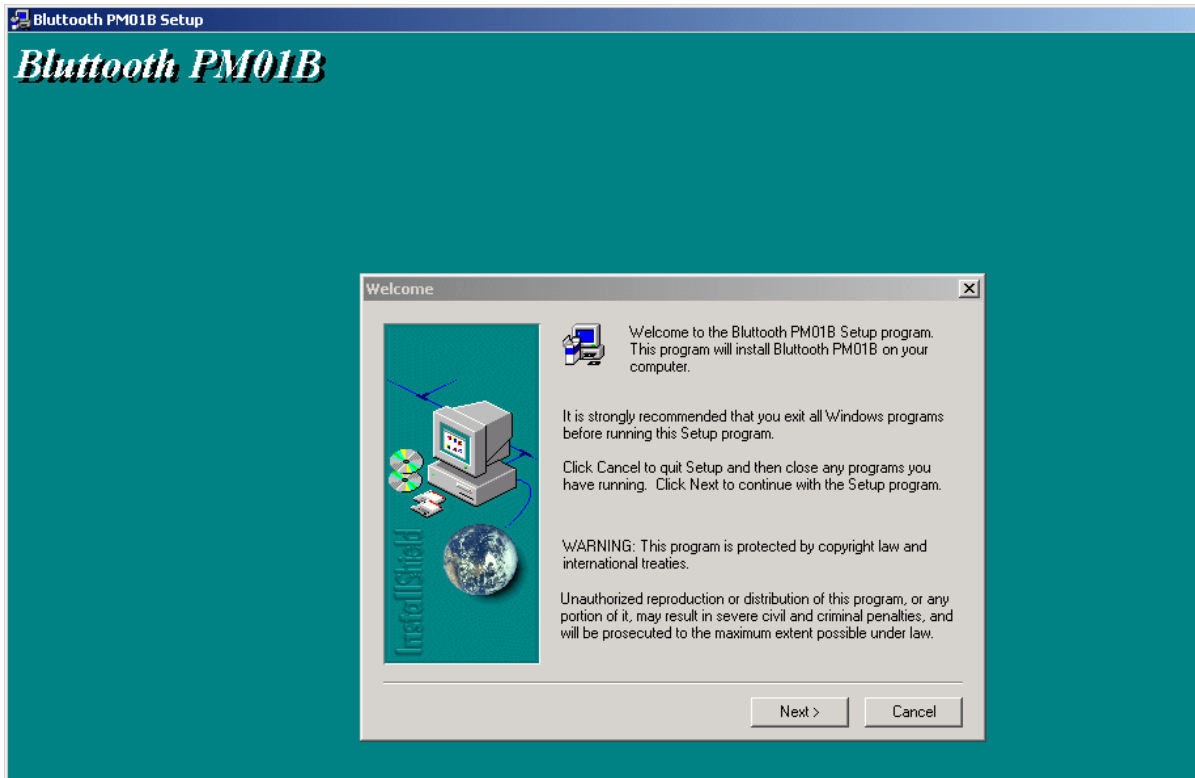


☞注意：此連接埠為電腦自動分配，若您的連接埠已被其他聯芽裝置所佔置（例如：磐英藍芽印表機接收器 **BT-PA01**），此時您必須要更改成不同的連接埠去連接您的磐英藍芽行動簡報器(**BT-PM01B**)。請參照 **F. 疑難排解第 5 項** 去安裝您的連接埠。

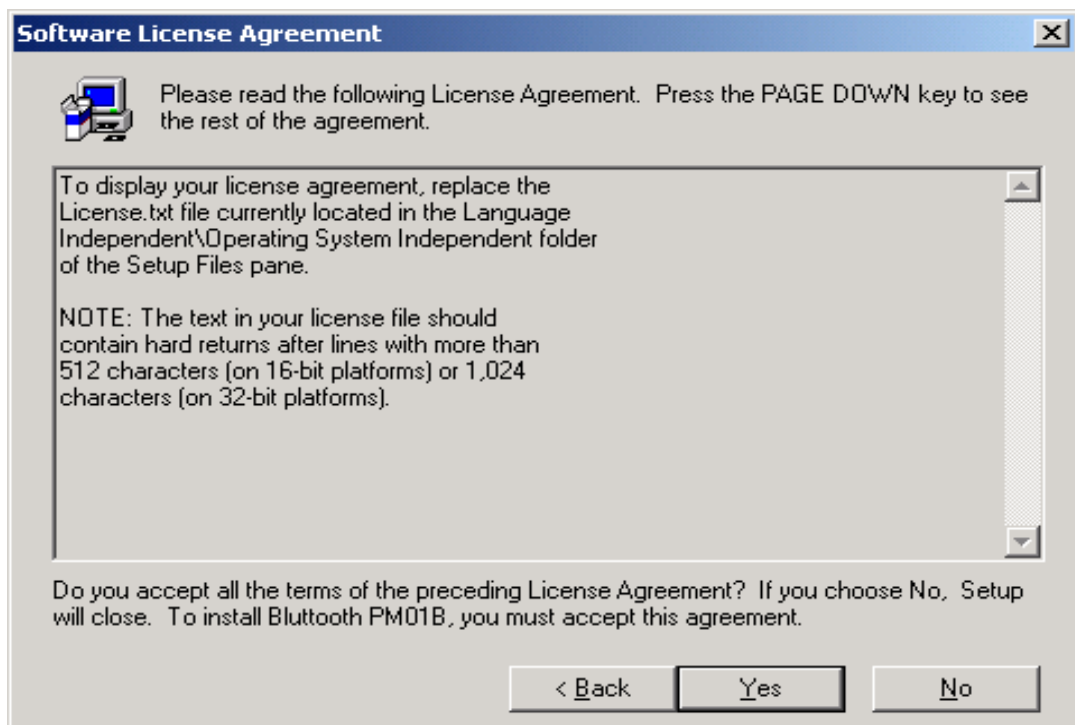
D.2. 安裝您的磐英藍芽行動簡報器 (**BT-PM01B**) 應用程式：

- 請拿出您所購買的磐英藍芽行動簡報器(BT-PM01B)包裝內的光碟
 1. 請將光碟放入您的光碟機內。
 2. 請按 **setup.exe** 安裝並且執行您的磐英藍芽行動簡報器(BT-PM01B)應用程式。

3. 請按 **next**，依序安裝您的磐英藍芽行動簡報器(BT-PM01B)應用程式。



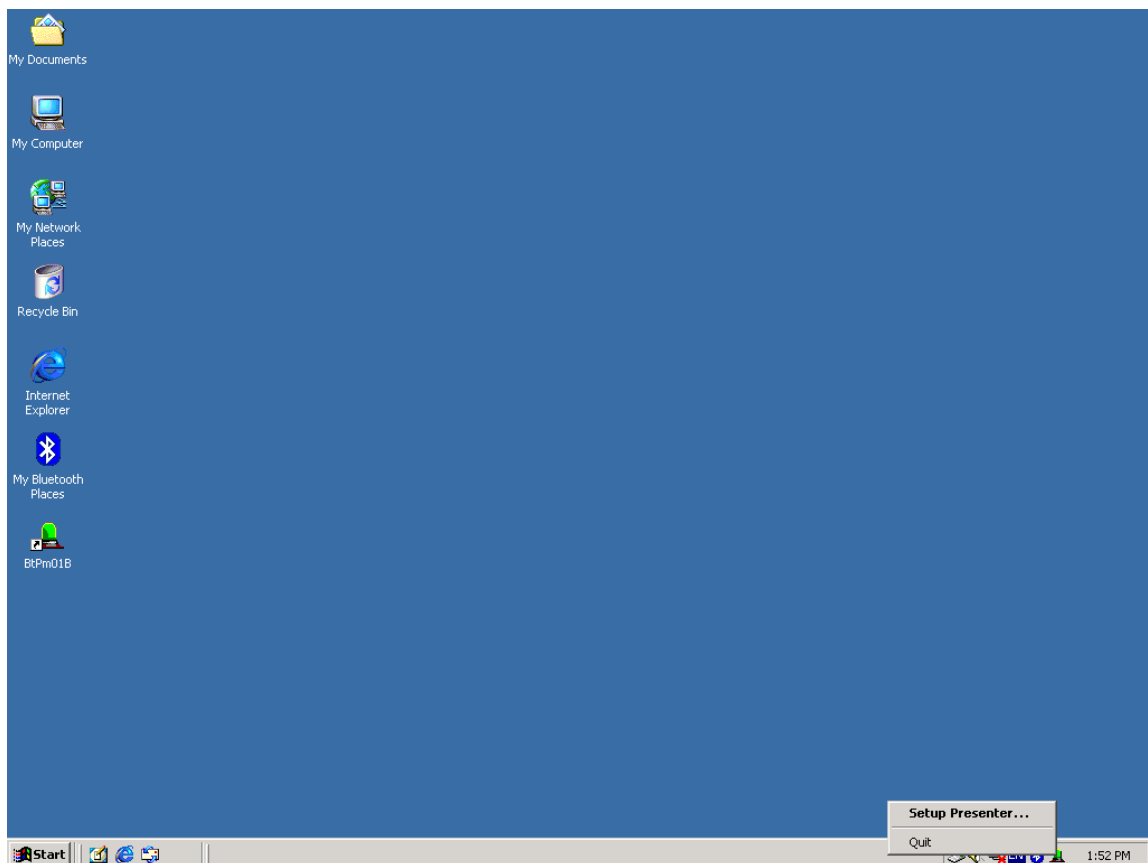
4. 請按 **YES** 同意並且完成應用程式安裝。



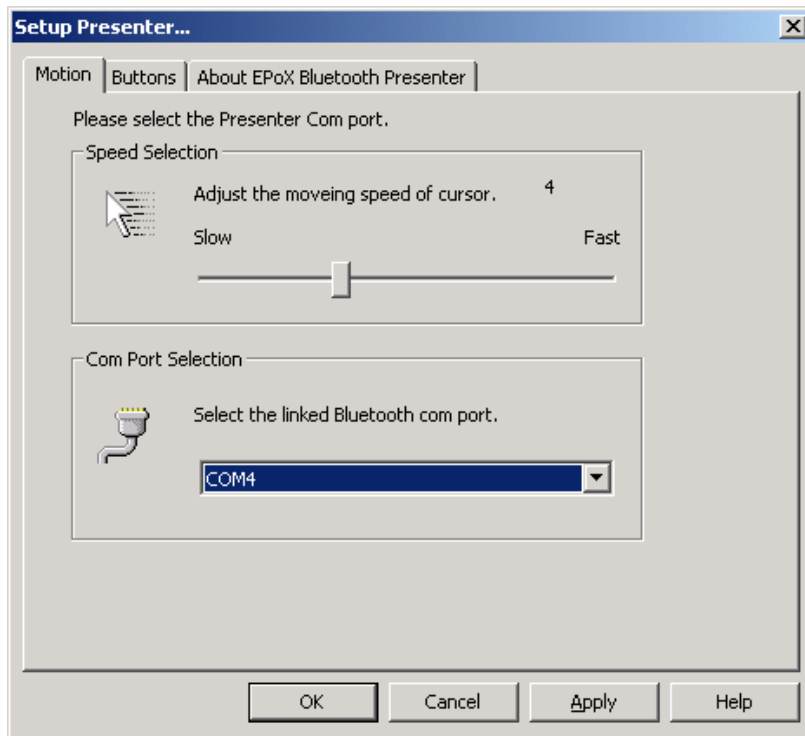
5. 安裝完成之後您將會有  圖示出現在您的桌面，請雙擊這個圖示。



6. 您可以看到另一個  圖示出現在右下角的系統列，請移動游標道右下角  圖示上並且按下滑鼠右鍵。



7. 請選擇“**Setup Presenter**”。



8. 設定您的磐英藍芽行動簡報器(BT-PM01B)速度與連接埠。

9. 建議合適速度為 4。

10. 請按 **OK** 結束您的磐英藍芽行動簡報器(BT-PM01B)設定。

恭喜!!您已完成磐英藍芽行動簡報器(BT-PM01B)安裝並且可以開始使用！

☞**注意 1:** 若您的藍芽連接器設為高安全需求，則內設的內碼為“**0000**”。

☞**注意 2:** 為了節省您的磐英藍芽行動簡報器(**BT-PM01B**)耗電量，您的磐英藍芽行動簡報器(**BT-PM01B**)將會如下列幾點會自動的中斷電源：

1. 一但您打開了磐英藍芽行動簡報器(**BT-PM01B**)電源您必須在五分鐘內連接上所屬的電腦，否則您的磐英藍芽行動簡報器(**BT-PM01B**)電源將會自動的關閉。

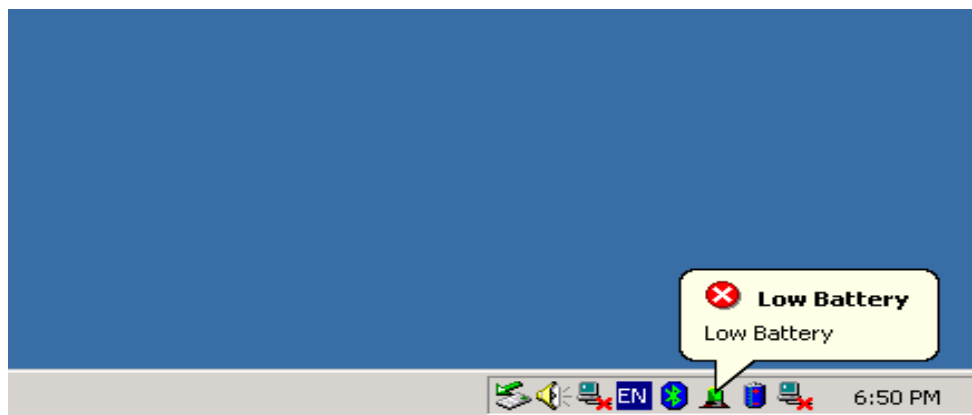
2. 當您的磐英藍芽行動簡報器(**BT-PM01B**)使用後放置超過 2 小時，同樣的電源也將自動的關閉。

當然,若在時間之後您要重新使用您的磐英藍芽行動簡報器(**BT-PM01B**)，請重新關閉一次您的電源並如上述 **D** 去連結您的磐英藍芽行動簡報器(**BT-PM01B**)。

☞注意 **3**: 搖桿上的方向鍵施力請勿轉動太過強勁，請適度的使用磐英藍芽行動簡報器(**BT-PM01B**)上的搖桿(搖桿的操作轉動請控制在 **0.15N.m.**)。

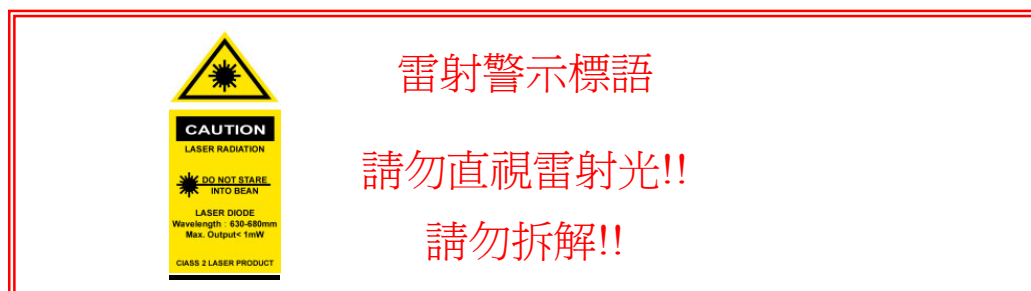
☞注意 **4**: 同上若您因超做轉動太過強勁造成搖桿固定，請移動您的搖桿任一方向去恢復原有的操作。

☞注意 **5**: 當您的在右下角的系統列中看到出現"**Low Battery**"的訊息或您的雷射光點變暗，請您適時的更換新的電池。



E. 雷射使用方式

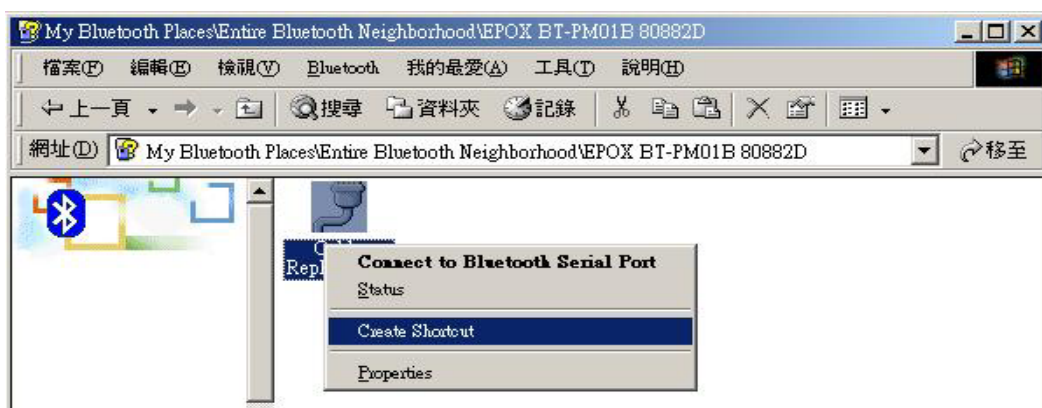
請按下雷射按鈕，紅的雷射光將會照在您所指示的地方。



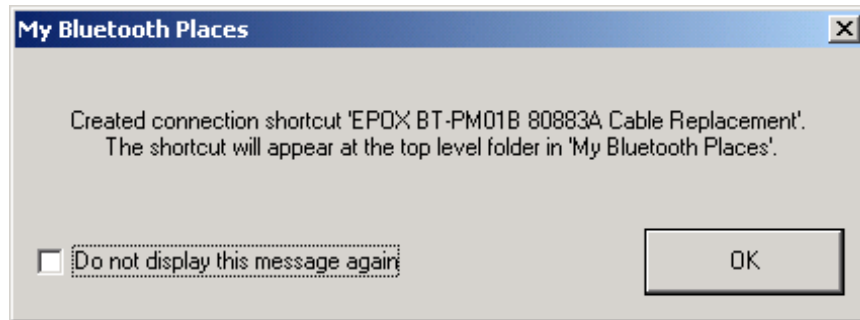
E. 疑難排解

若您無法順利的使用您的磐英藍芽行動簡報器(BT-PM01B)，請參照以下幾點去解決您的疑難：

1. 請確定您的磐英藍芽行動簡報器(BT-PM01B)電源開關是否打開。
2. 確定 **Cable Replacement** 圖示為綠色，因為當您連接上您的磐英藍芽行動簡報器(BT-PM01B)時此圖示會變為綠色表示成功連結。
3. 若在您連接 **Cable Replacement** 圖示並且轉為綠色但您的磐英藍芽行動簡報器(BT-PM01B)仍然不能動作，此時請檢查電池是否安裝正確或電源不足。
4. 當您檢查過都沒有問題但仍然無法使用您的磐英藍芽行動簡報器(BT-PM01B)，請您重新關閉您的磐英藍芽行動簡報器(BT-PM01B)電源開關，這會再一次的重新啟動您的磐英藍芽行動簡報器(BT-PM01B)。
5. 如何更改您的連接埠：
 - A. 請依照上述步驟 D.1 1-4。
 - B. 請移動游標到“**Cable Replacement**”圖示並且按右鍵選擇“**Create Shortcut**”功能。



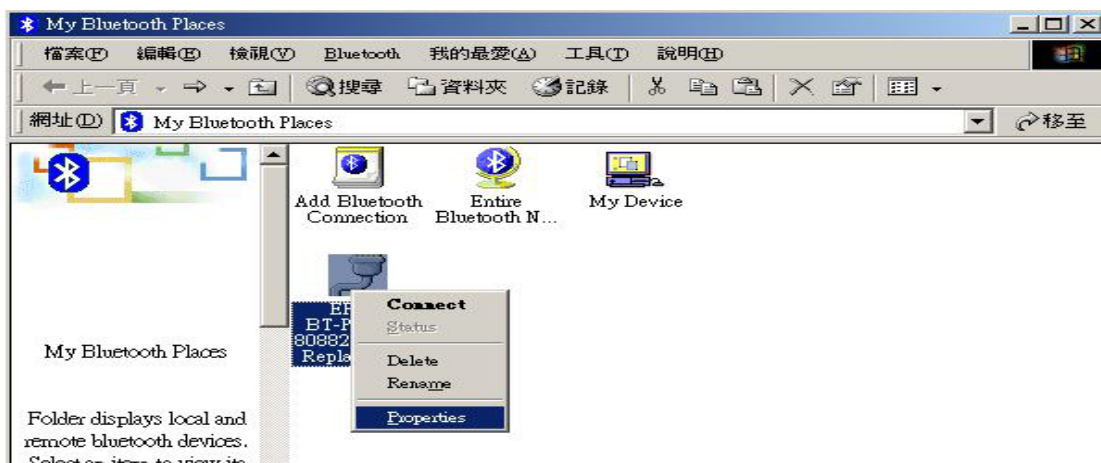
- C. 按下 **OK** 去建立捷徑在“**My Bluetooth Places**”視窗的最頂層。



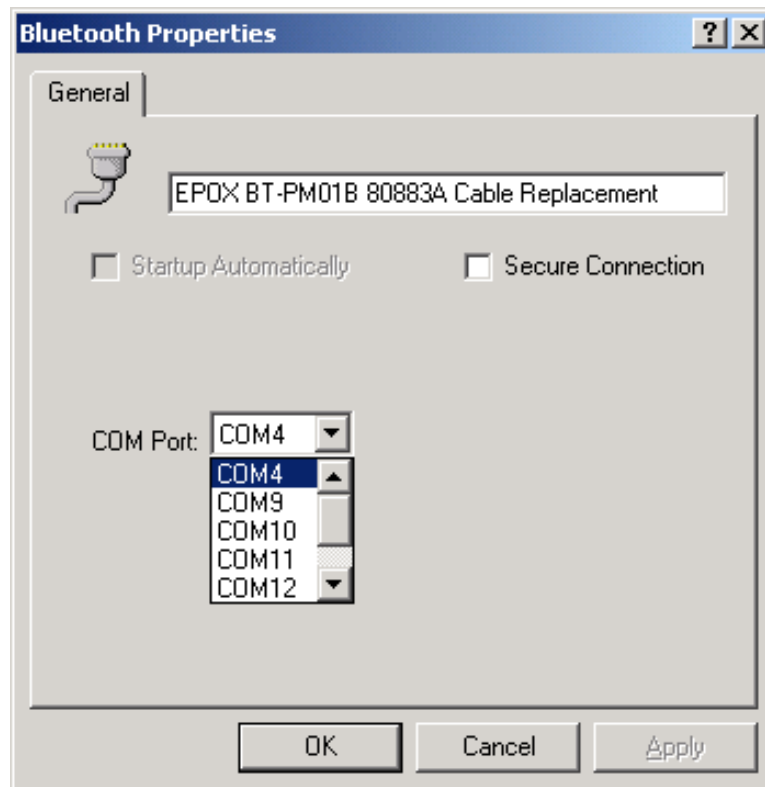
- D. 請回到“**My Bluetooth Places**”頁面上，您將可以發現您已經建立一個 “**EPOX BT-PM01B Cable Replacement**” 圖示捷徑。



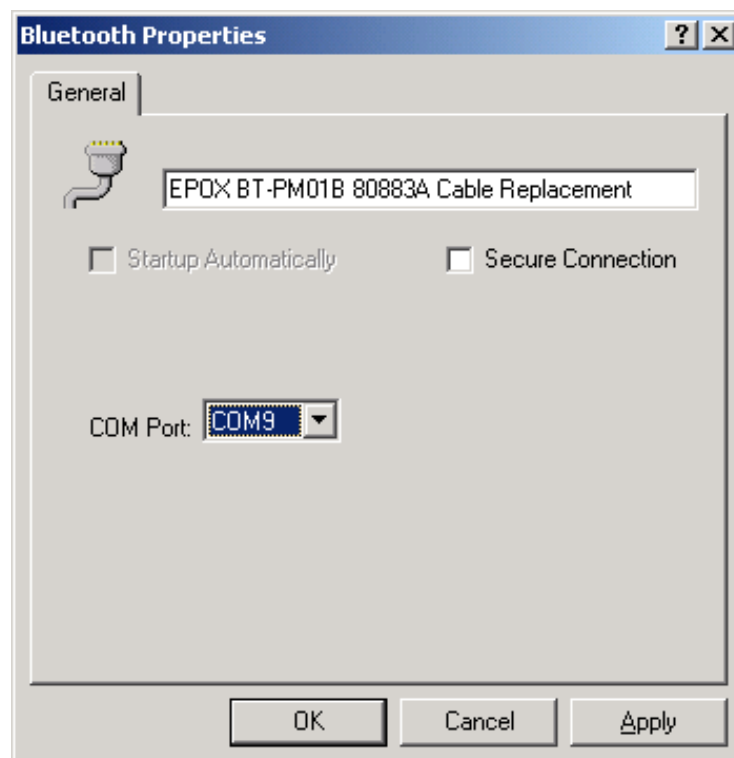
- E. 移動游標到您所建立的捷徑圖示上並且按右鍵選擇“**Properties**”。



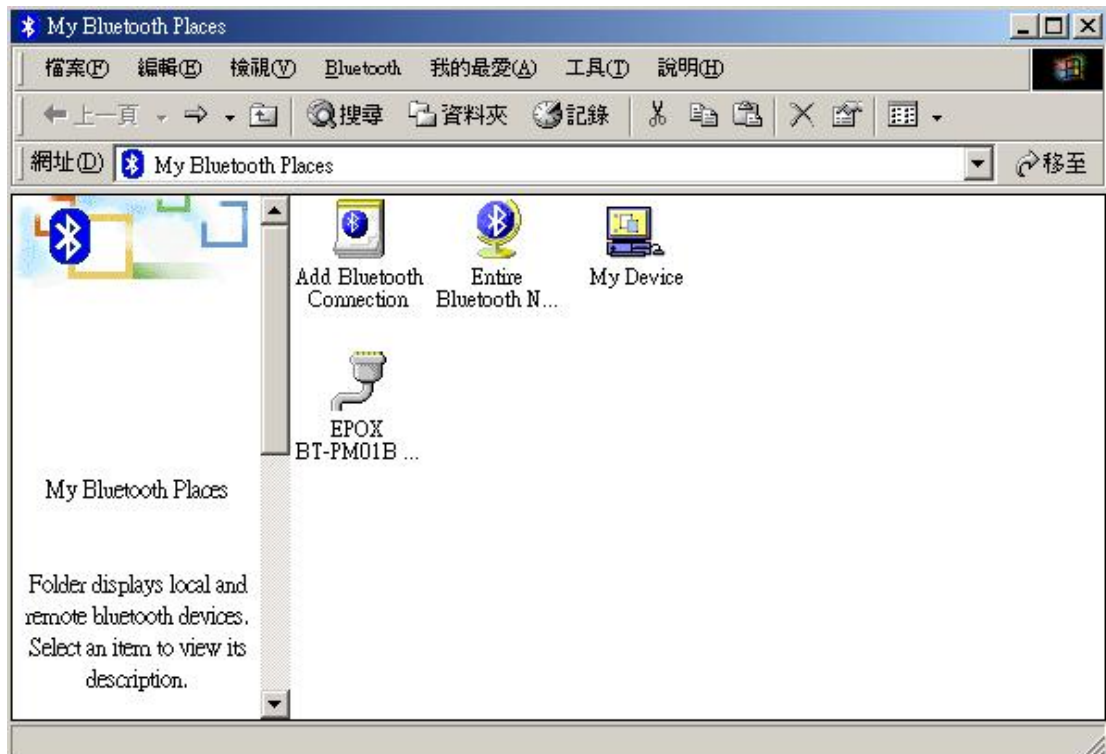
F. 在這您可以更改您的連接埠設定。



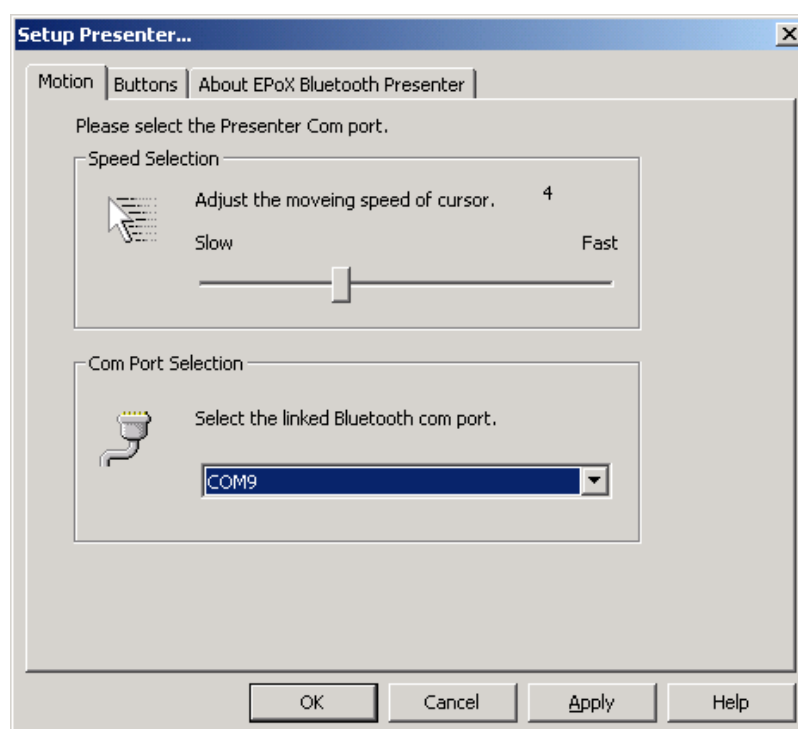
- 例如：請將您的連接埠更改為“**COM9**” 並且按 **OK** 完成設定。



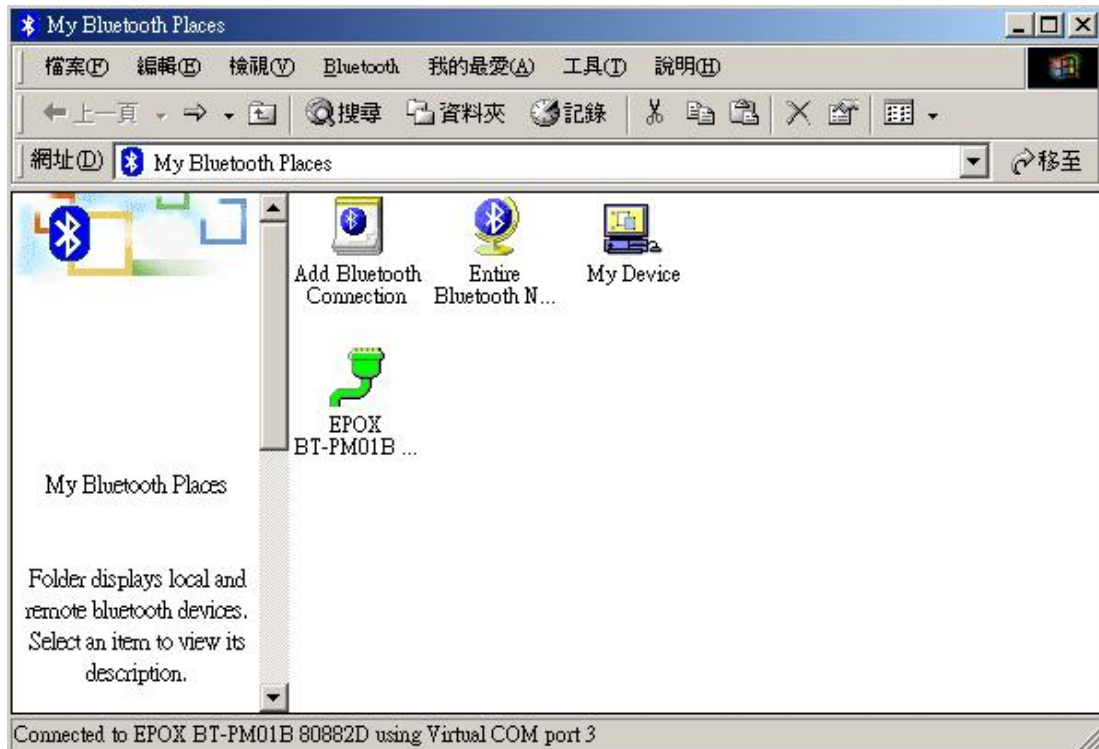
- 請移動游標到右下角的系統列  圖示並且按下滑鼠右鍵選擇 **“Setup Presenter”**。



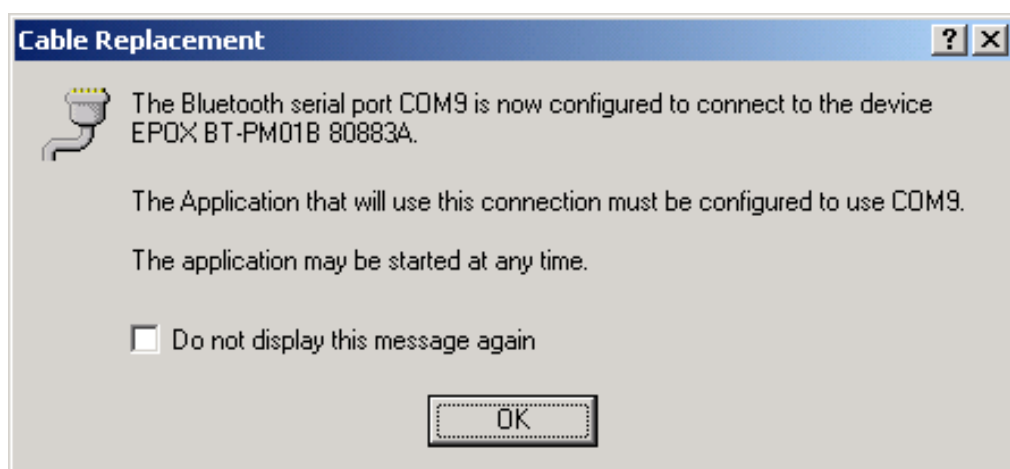
- 在頁面的 Com Port Selection 上也請設定成 COM9,按下 **ok**。



- 現在請再一次的將您的磐英藍芽行動簡報器(BT-PM01B)電源打開並且雙擊您所建立的捷徑圖示去與您手上的磐英藍芽行動簡報器(BT-PM01B)連接。



- 如下圖！請按下 **OK**，現在您的磐英藍芽行動簡報器 (BT-PM01B) 連接埠已經成功的設定完成。



Bluetooth™

EPoX Presenter

BT-PM01B

~用户指南~

DISCLAIMER OF WARRANTIES

There are no warranties which extend beyond the description on the face of the EPoX limited warranty. EPoX expressly excludes all other warranties, express or implied, regarding its products; including any implied warranties of merchantability, fitness for a particular purpose or non-infringement. This disclaimer of warranties shall apply to the extend allowed by state laws in the states of United States in which state laws do not allow or limit the exclusion of the implied warranties.

用户指南

非常感谢您选用 EPoX 蓝牙遥控器产品 (BT-PM01B)! 您将在未来的使用中充分体会到蓝牙遥控技术的美妙: 在 BT-PM01B 的帮助下您可以实现对台式机, 笔记本电脑的远距离遥控操作, 一切都变的那么轻松自如、得心应手; 有了它的参与, 您在商务演讲或者产品展示的时候尽可以无拘无束的自由走动, 以配合气氛渲染需要-----身形随思绪同样不受限制, 专心致志效果当然出色……

A. 包装内容

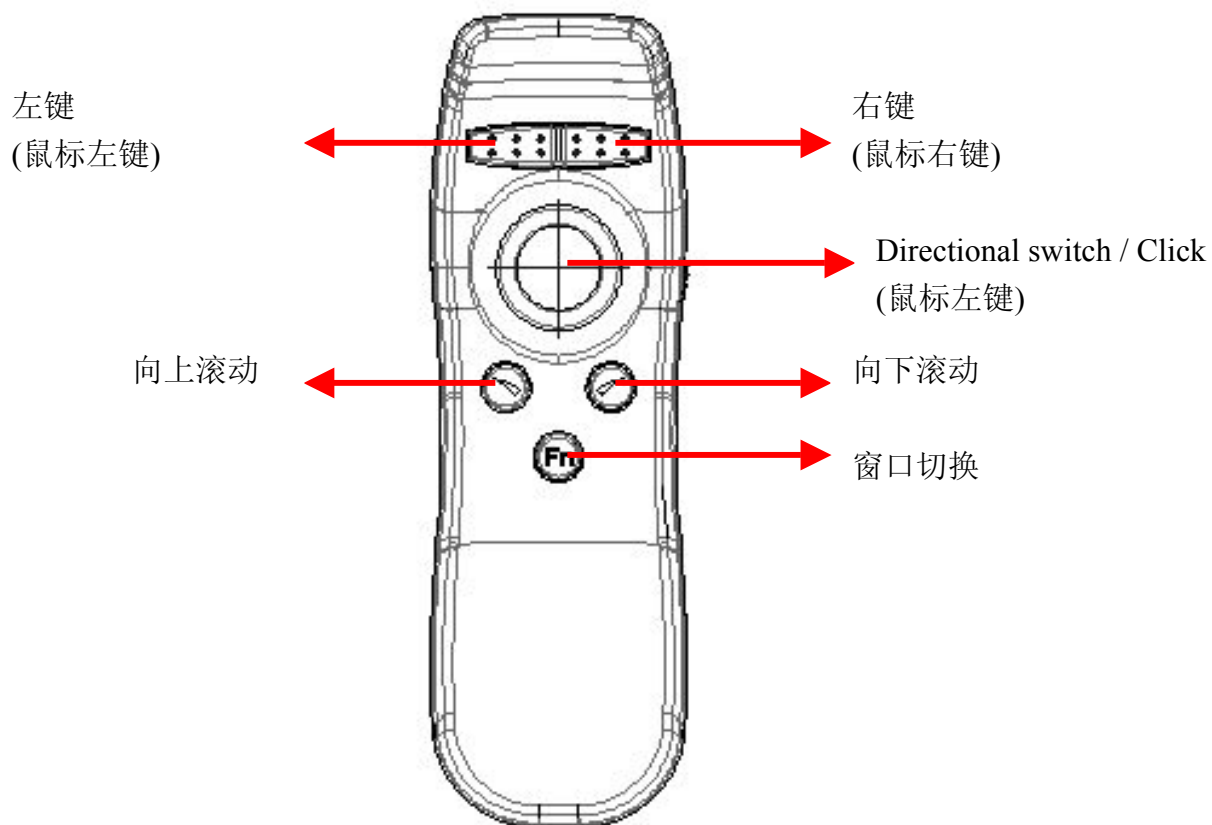
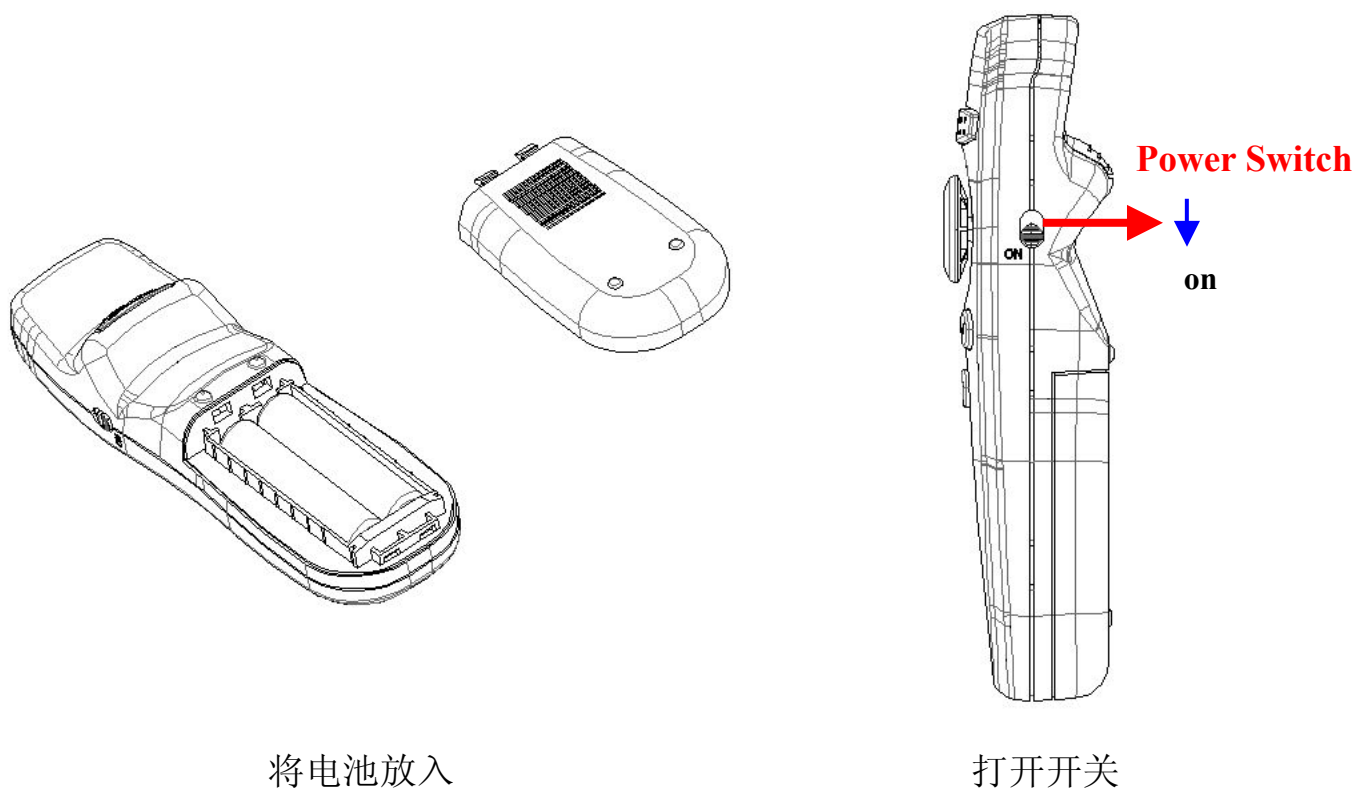
- EPoX 蓝牙无线遥控器(BT-PM01B)
- 用户指南
- 2 * AAA 电池
- 驱动光盘

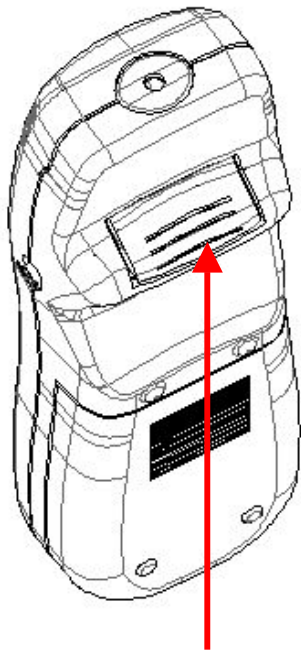
B. 产品特性及详细规格说明

- 芯片组: CSR BlueCore 02
- 耗电量 : ~90mW @ 3 Vdc
- 电池: 2 * AAA Battery
- 发射频率范围: 2.4-2.4835 GHz
- 天线: 内置
- 天线负载: 50 Ohm
- 激光器工作模式: Class II (less than 1mW)
 - ◆ 激光等级: CDRH Class II
 - ◆ 耗电量: 小于 1mW
 - ◆ 波长: 645~665nm
 - ◆ 射出光颜色: 红
- 接收灵敏度: -70dBm (typical)
- TX Power: 4dBm maximum (class 2)
- 激光束可视距离: >10 meters(line of sight)
- 无线电标准: 兼容 Bluetooth specification 1.1 版本
- 工作信道: 79 channels of 1MHz BW
- 产品安全性: 完全符合蓝牙设备安规标准(硬件支持 128bit 密钥加密)
- 支持 Windows 98SE/ME/2000/XP 系统

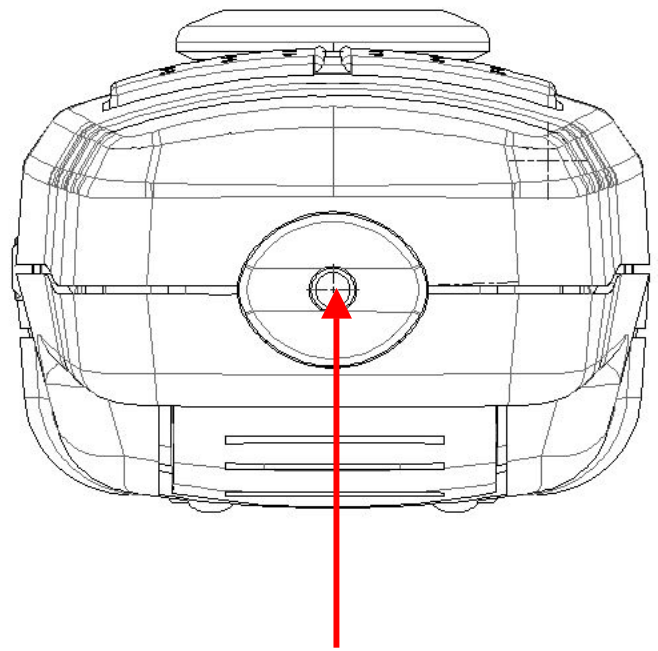
C. 遥控器硬件安装指南

使用之前，首先请您按照图示方法装入电池并将电源开关拨至 ON 位





激光开启



激光发射端

功能键定义:

1. 右键:

功能等同于鼠标右键.

2. 左键:

功能等同于鼠标左键.

3. 方向键:

类似传统的鼠标轨迹球, 您可利用它来控制屏幕指针的位置。按选时的效果如同单击鼠标左键。

4. 上/下滚动:

演示较长的需要翻页的 PowerPoint 文档或者网页内容时, 这两个按键可以提供跟 page up/down 类似的功能. 通过它们您可以非常轻松自如的实现演讲中的翻页操作。

5. 窗口切换:

此按键的作用同 Windows 中的 ALT+TAB 组合键相同，借助该按键，演示过程中您可以随时根据需要在各个窗口之间切换。

6. Laser Button:

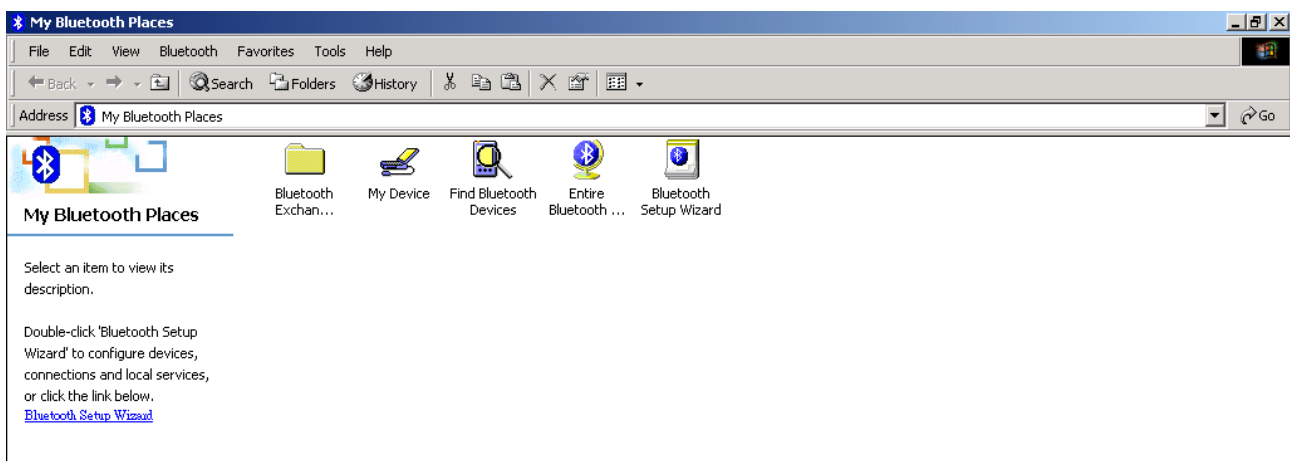
扣动该按键激光束会从蓝牙遥控器前端的发射窗射出。

D. 建立连接

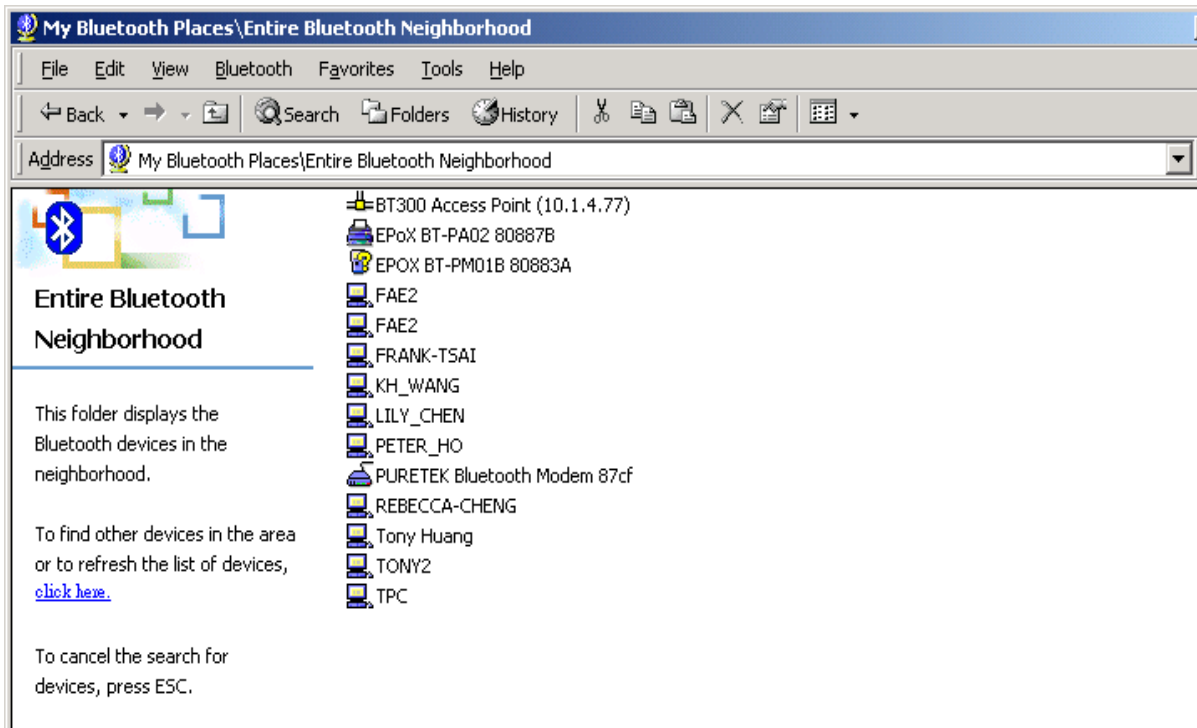
同 PC 建立连接的过程中需要您手动配置蓝牙遥控器的串口资源；如果您的蓝牙接受设备为下述 EPoX BT-MB02、BT-DG02 以及 BT-DG03 中的任何一种，请在完成 Widcomm protocol stack 软件安装之后严格遵照后续步骤操作。（如果您的 Dongle 并非 EPoX 出品，请您联系您的设备供应商以获取更多的有用信息）

D.1: 查看 COM 口资源分配情况:

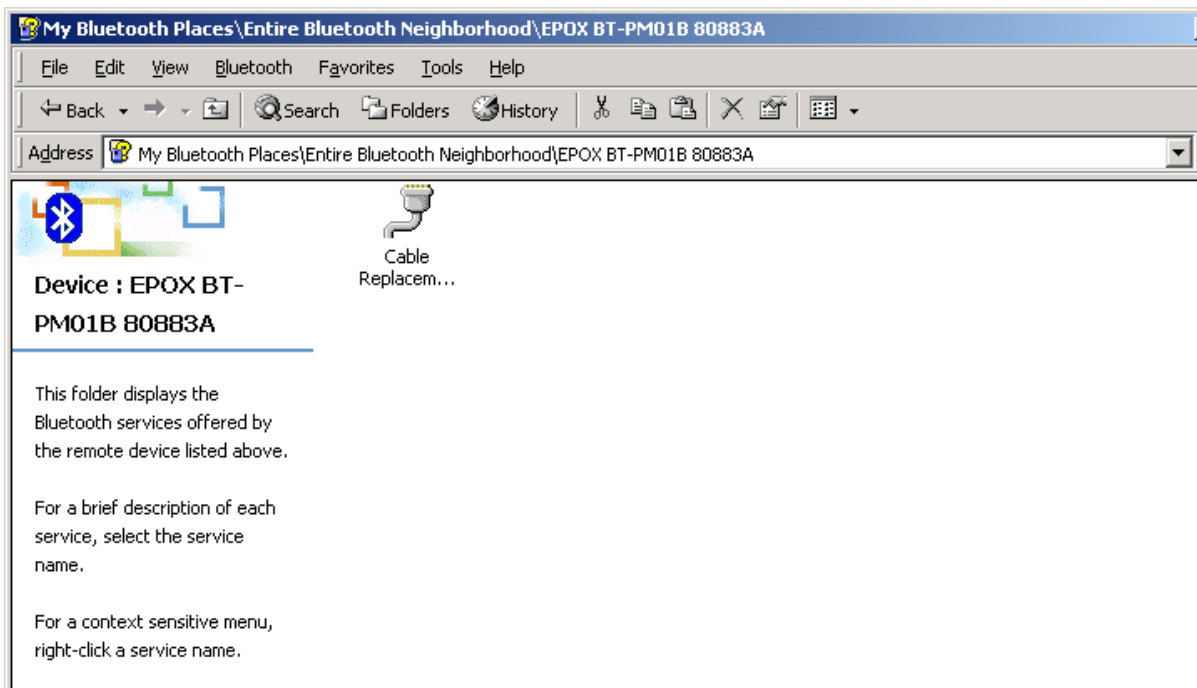
1. 打开您的蓝牙遥控器(BT-PM01B)的电源开关。
2. 双击系统托盘中的蓝牙图标  打开 “My Bluetooth” 窗口。



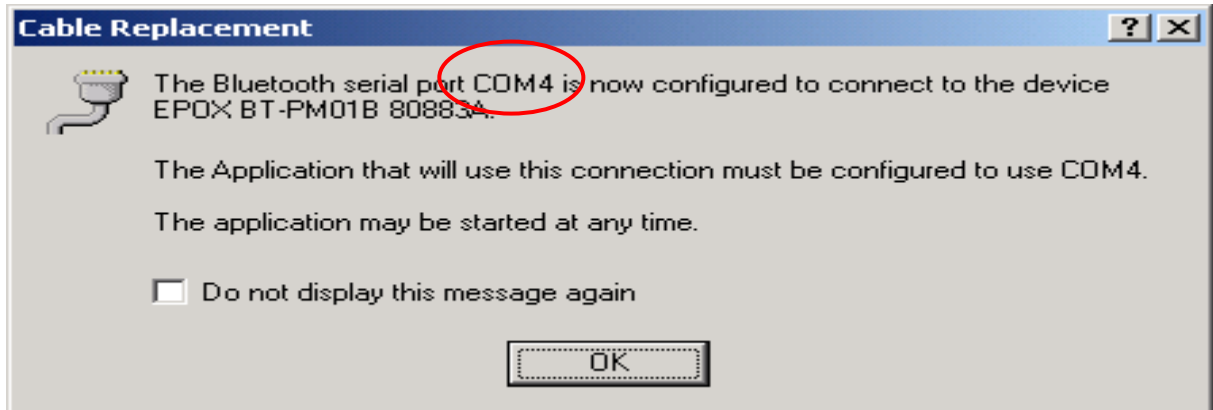
3. 双击图标您可以观察到当前同本机相连且处于活动状态的蓝牙设备。



4. 在其中找到 **EPoX BT-PM01B XXXXXX** 项目，双击，新的窗口中将会出现遥控器“**Cable Replacement**”的图标。



5. 在“**Cable Replacement**”图标上继续双击操作，系统会弹出新的“Cable Replacement”提示窗口：这里我们可以看到您的 EPoX 蓝牙遥控器所使用的串口资源。请您记好。

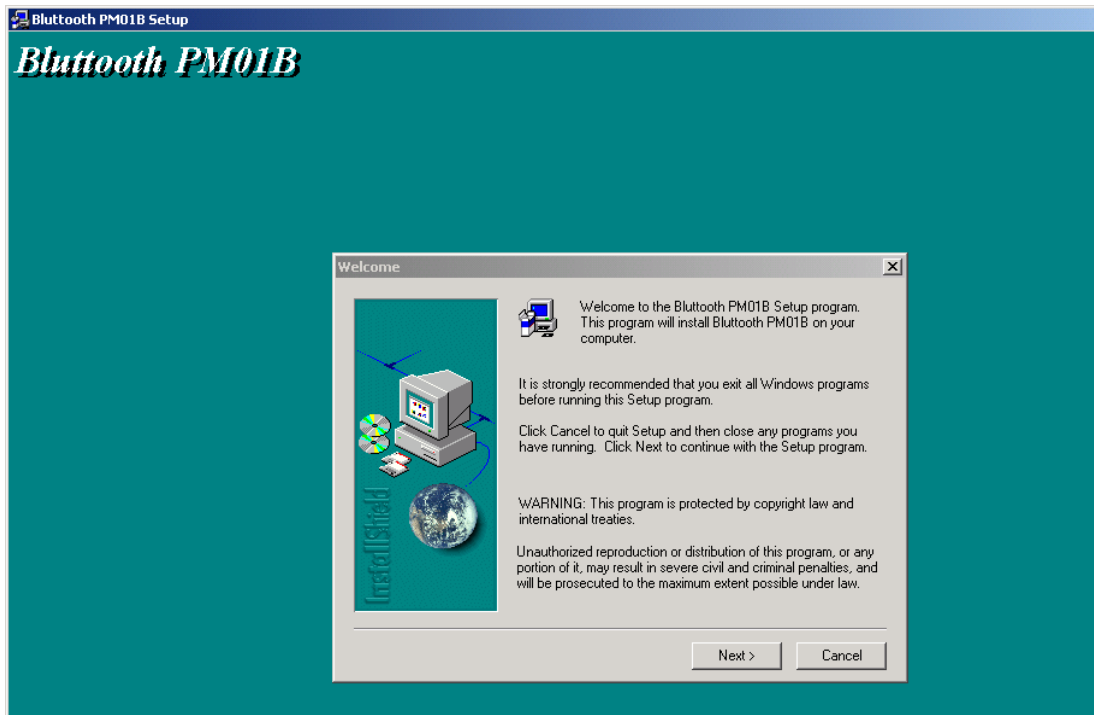


☞注意：这里 **COM** 口资源是由系统自动分配的。如果上述的 **COM** 资源已经为其他设备活动的蓝牙设备占用(比如：**EPoX BT-PA01**)，那么您必须手动更改蓝牙遥控器(**BT-PM01B**)的 **COM** 口设置以维持其同 **Dongle** 的正常通讯。 有关此方面的详细信息参加 **F. 故障排除.5.**

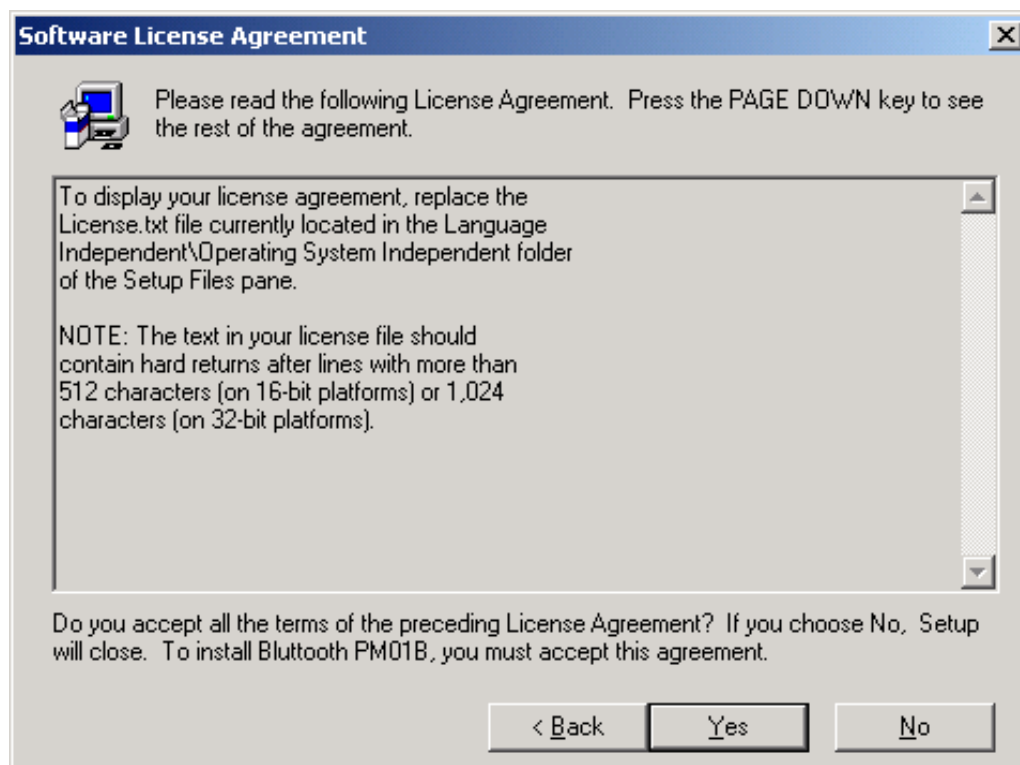
D.2. 安装遥控器软件(**BT-PM01B**)应用程序：

- 从产品包装中找到附带的 EPoX 蓝牙遥控器 (BT-PM01B) 驱动 CD.
- A. 将 CD 放入光驱.
- B. 等待程序自动运行或者手动点击光盘根目录下的 **setup.exe** 准备安装。

- C. 在随后出现的软件欢迎界面中点击 **Next**。驱动程序将会被自动安装。



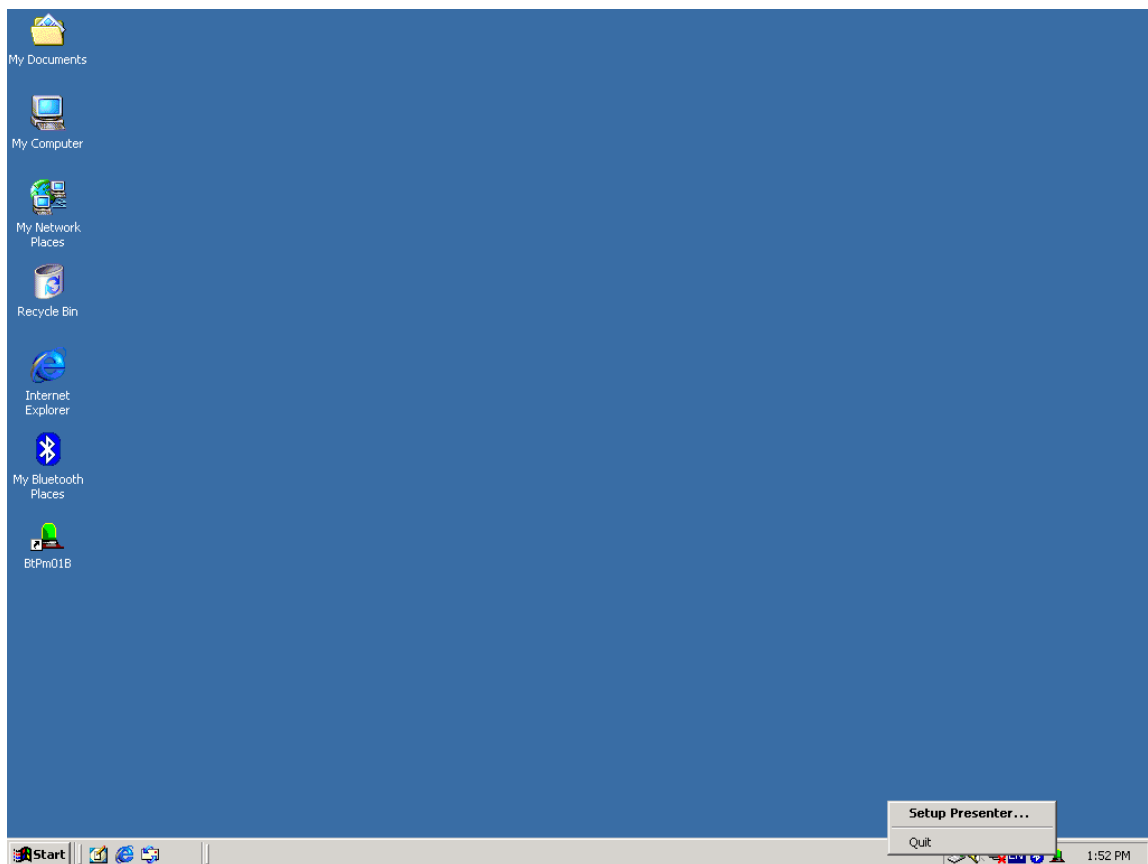
- D. 点击 **Yes** 同意软件授权协议



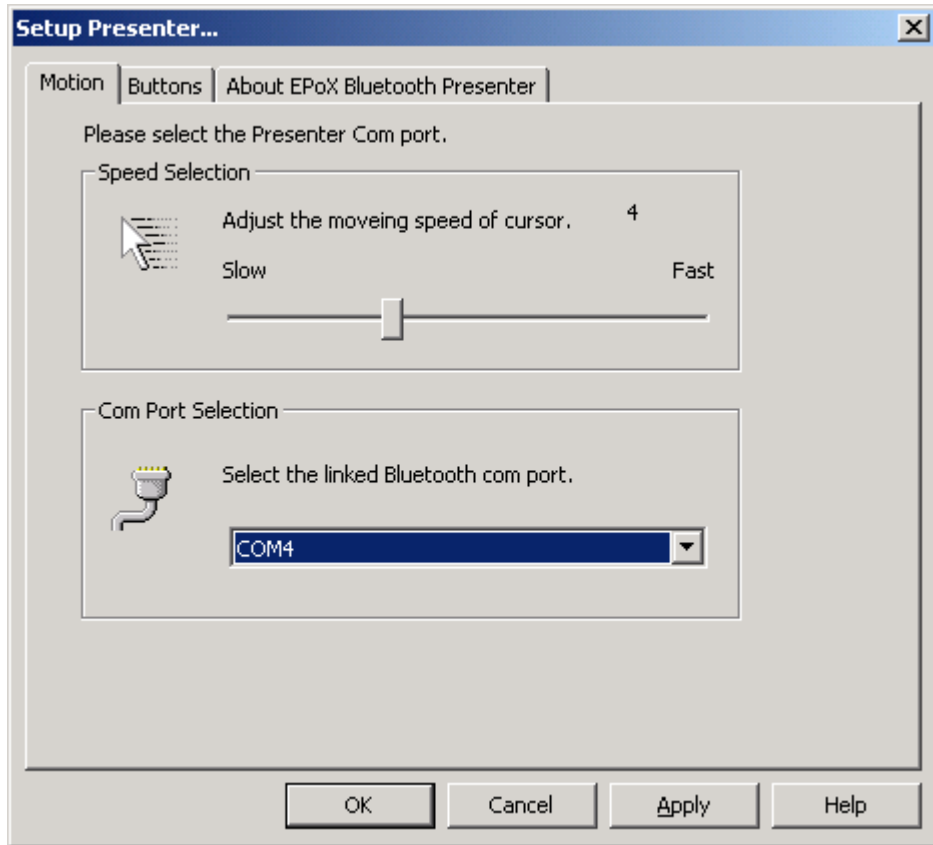
E. 这时在您的 Windows 桌面上将会出现如下图标 ，双击运行。



F. 您可以在系统托盘中找到另外一个  图标，对其进行右键单击操作。



G. 选择第一项：**Setup Presenter**。



H. 设定遥控器工作所需的 COM 口资源以及屏幕指针移动速度。

I. 默认情况下指针速度为 4（推荐使用）。

J. 点击 **OK**，结束安装过程。

祝贺你!! 您已经完成了蓝牙遥控器 **BT-PM01B** 的全部安装设置工作。

🔗提示 1: 如果您将蓝牙设备的保密级别设置为 “**high security**”，初始状态下的 **PIN** 为 “**0000**”。

🔗提示 2: 下述几种情形时 **BT-PM01B** 将会自动断电以节约能源:

1. 您需要在电源开关打开的五分钟内建立其与 **PC** 主机之间的连接，否则遥控器将自动切断电力供应。

2. 超过两个小时没有对遥控器进行操作，遥控器将会自动切断电力供应。

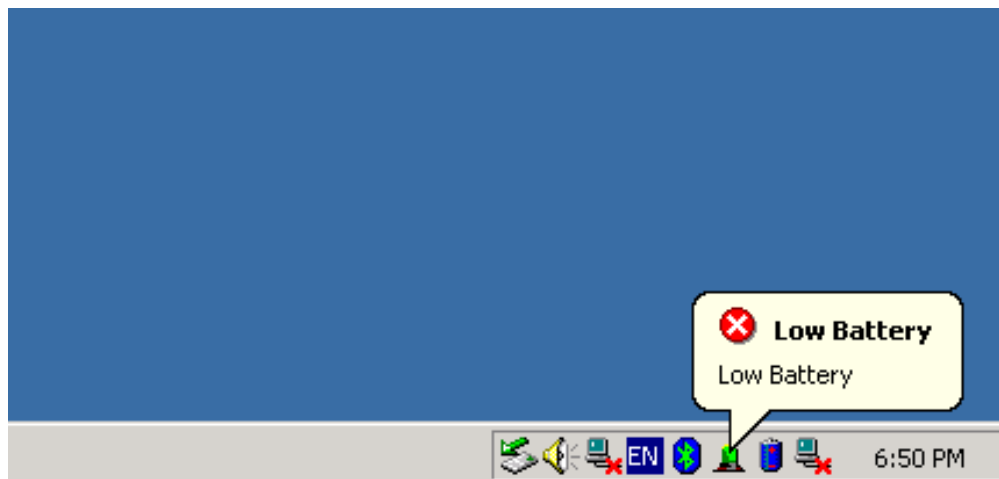
当然对于这种情况，重复上述 **D** 部分的步骤，您就可以非常方便的为

BT-PM01B 重建连接。

☞提示 **3:**产品的方向控制杆并非针对超强扭矩所特别设计，所以请您在使用过程中注意用力适度。 对该方向控制杆施加 **0.15 牛.米.**的扭矩不会造成产品损毁

☞提示 **4:** 操作过程中方向控制杆受力过猛的情况下，屏幕指针有可能出现被锁定的情况。这时轻轻拨动控制杆，指针将会恢复正常移动。

☞提示 **5:** 为了避免影响到您的正常使用，如果发现系统托盘中显示 “**Low Battery**” 信息，那么请您尽快更换电池，否则由于电力供应不足的缘故激光束的有效距离会大大减低。



E.如何使用激光发射装置

用您的食指扣动激光发射按键，红色的光束将会从遥控器前端射出。



警告

请勿将此遥控器发出的光束直射人眼！

请不要试图对此产品做分解拆卸操作！

F. 故障排除

如果您无法使您的蓝牙遥控器(BT-PM01B)正确连接至 PC,请按如下步骤操作:

A. 首先请检查您的蓝牙遥控器 (BT-PM01B) 电源开关是否处在“ON”

位置上在进行操作之前,请核对一下系统托盘中图标的颜色状态,如果这个图标显示为红色,则说明本机没有可用的蓝牙连接。

B. 如果双击 **Cable Replacement** 图标之后,该图标变为绿色显示,但蓝牙遥控器 BT-PM01B 仍旧没有正常工作,请检查蓝牙遥控器 BT-PM01B 的电池状况是否良好。

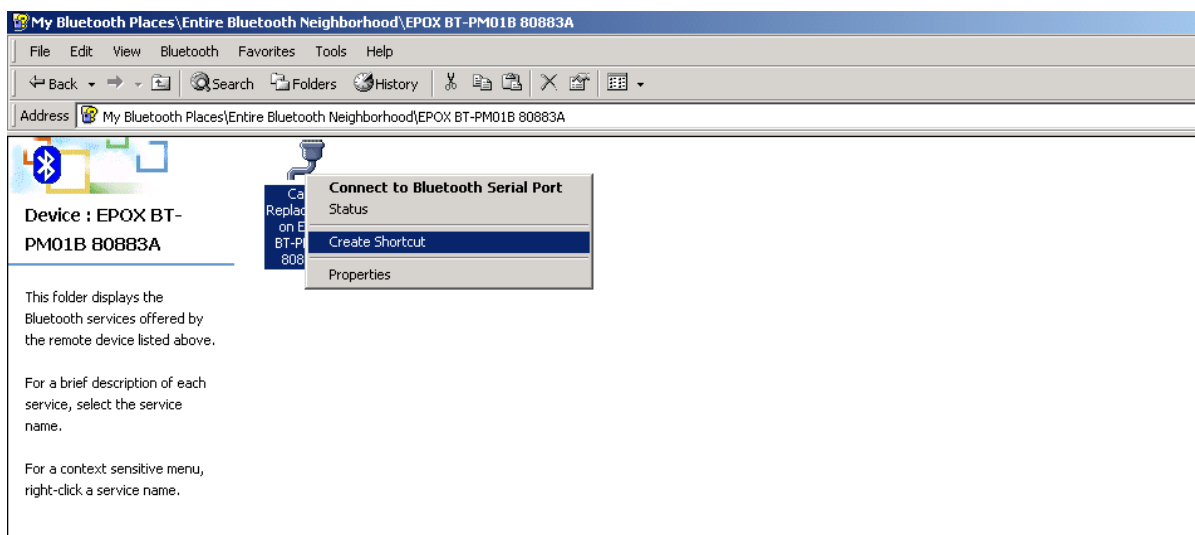
C. 如果您在检查过上面提及的事项且确认没有差错之后仍然无法使蓝牙遥控器(BT-PM01B)正常工作,请您重新启动您的蓝牙遥控器。

D. 如何手动给蓝牙遥控器(BT-PM01B)指定 COM 口资源:

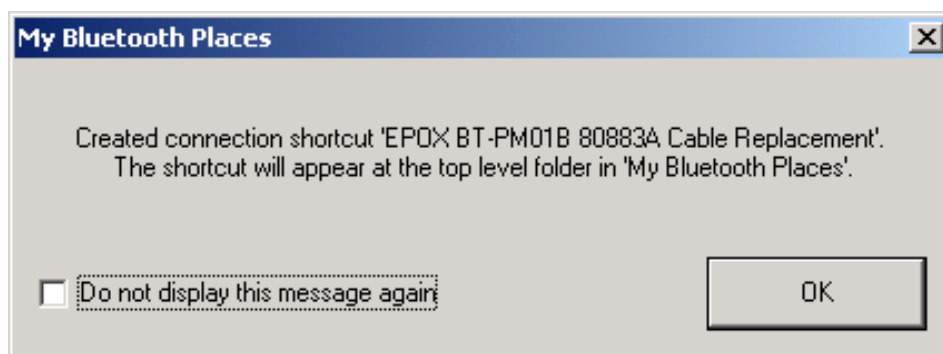
A. 首先请重复 D.1 部分的步骤 1-4

B. 请用鼠标右键单击下图中所示的图标,在弹出菜单中选择第三项

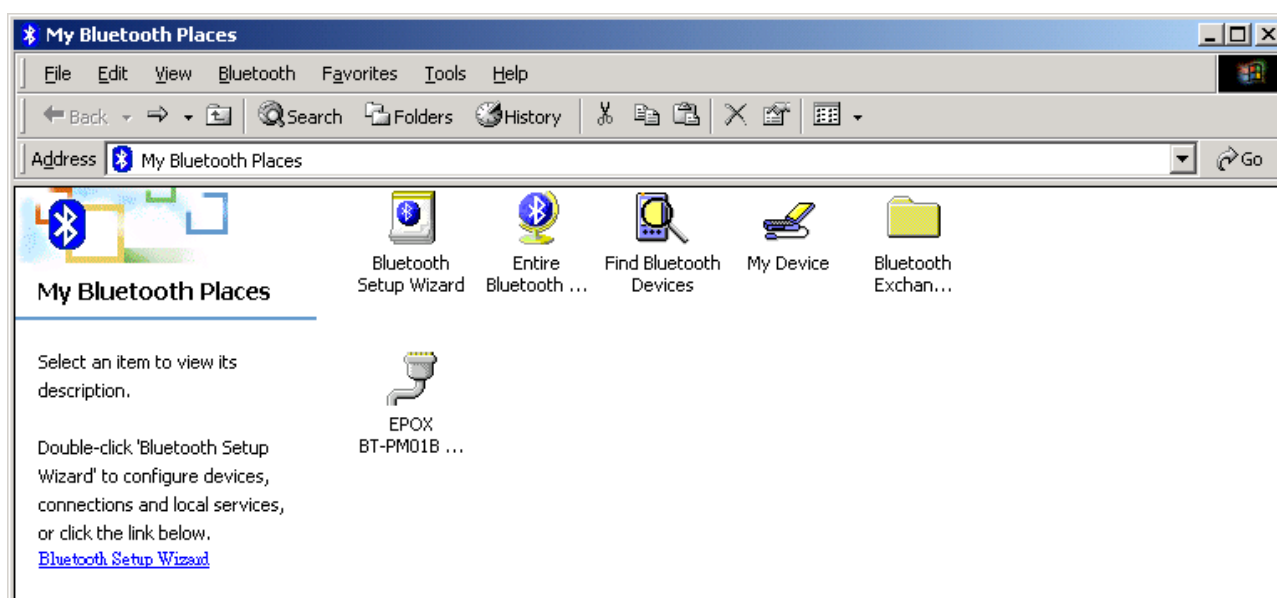
“Create Shortcut”。



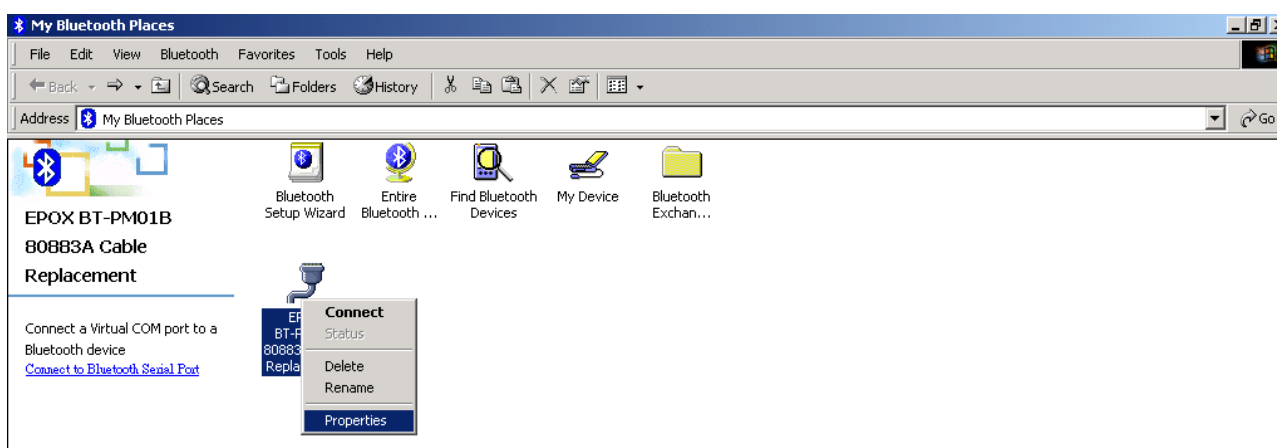
- C. 点击 **OK**，在该文件夹的上层目录 “**My Bluetooth Places**” 中创建快捷方式



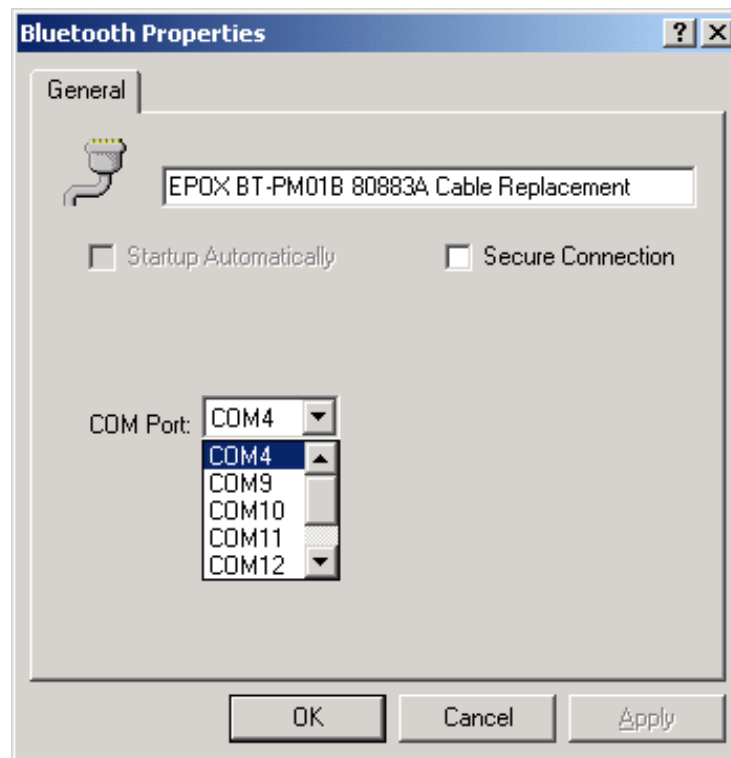
- D. 返回至 “**My Bluetooth Places**”，可以找到刚刚创建的 “**EPOX BT-PM01B Cable Replacement**” 快捷方式图标。



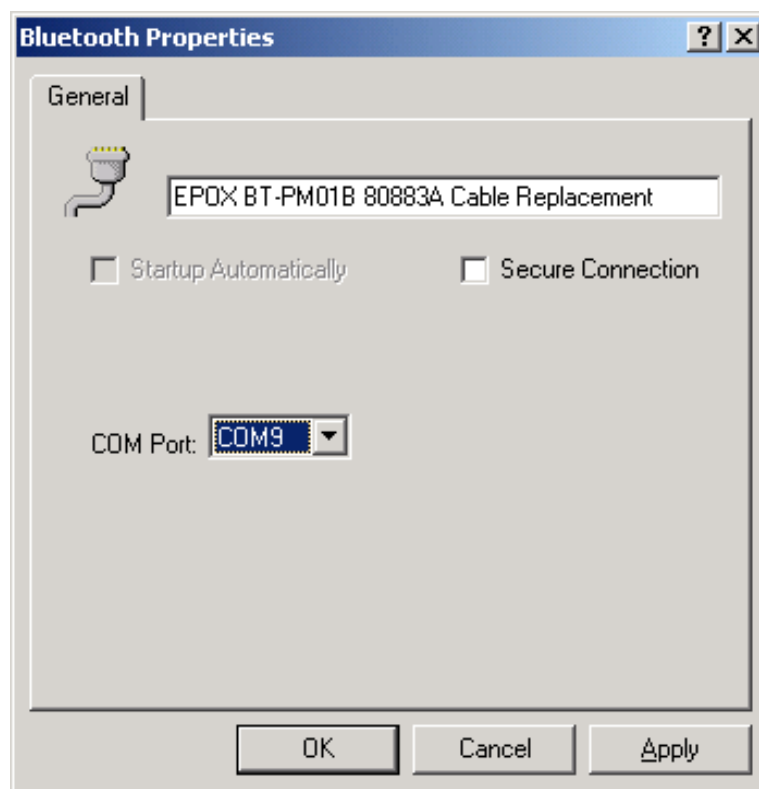
- E. 右击该快捷方式选择 “**Properties**”。



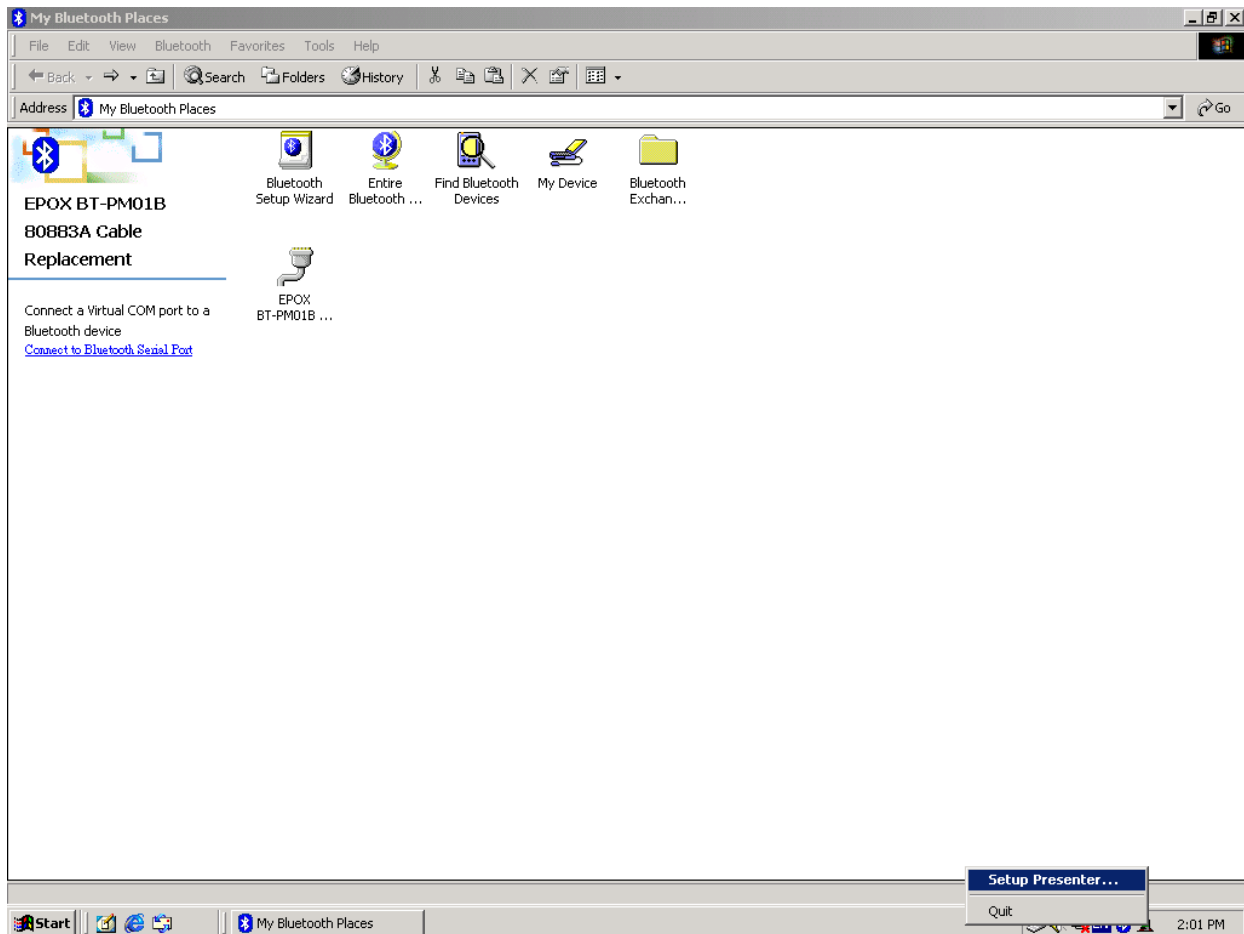
F. 您可以在如下图所示的“**COM Port**”下拉式菜单中更改 COM 口设置.



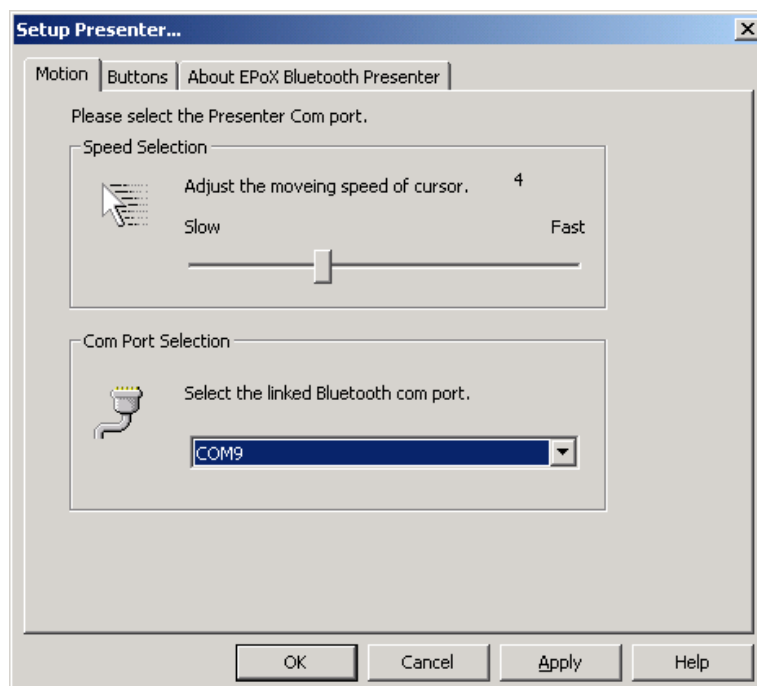
G. 比如您可以选择“**COM9**”，点击“OK”。



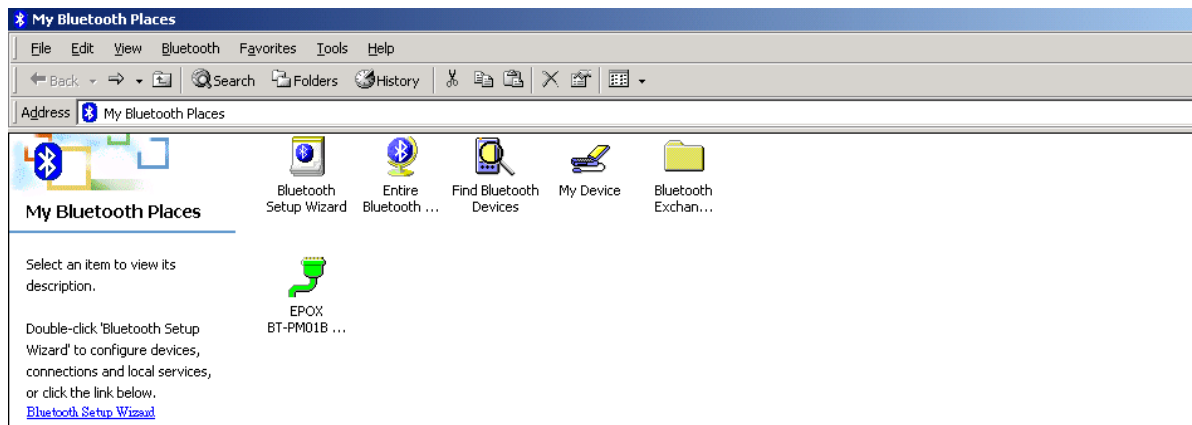
H. 右键单击桌面左下角系统托盘中的  图标，选择 “**Setup presenter**”。



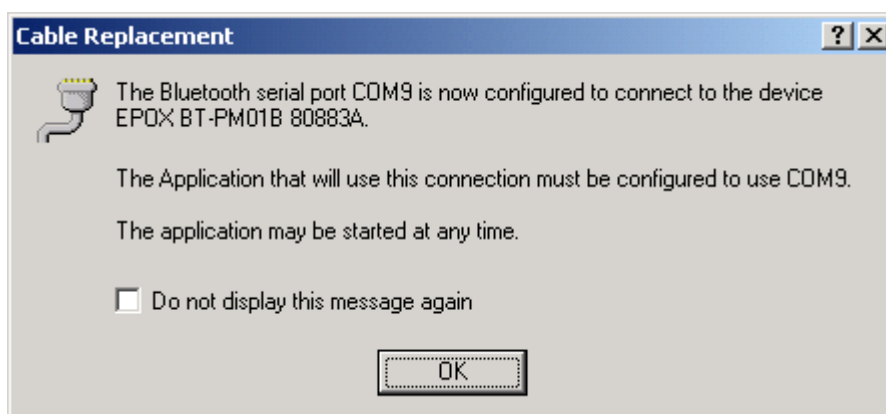
I. 在“**Com Port Selection**”下拉式菜单中选择 COM9, 点击 **ok**。



- J. 确保您的蓝牙遥控器 (BT-PM01B)电源已经打开, 现在我们可以
通过双击 “**EPOX BT-PM01B Cable Replacement**” 图
标的方式同您的蓝牙遥控器 (BT-PM01B)建立连接



- K. 点击 **OK**,至此您的蓝牙遥控器(BT-PM01B) COM 口资源更改成功。



FEDERAL COMMUNICATIONS COMMISSION

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.

NOTE

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 or more 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.

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

The antenna(s) used for this transmitter must not be co-located or operating in conjunction with any other antenna or transmitter

Branch offices /Geschäftsstellen/分公司

EPoX Headquarter

EPoX Computer Co., LTD.

10F, 346, Chung San Rd. Sec 2, Chung Ho City Taipei Hsien, Taiwan

TEL: 886-2-2247-9888 FAX: 886-2-2247-7888

<http://www.epox.com.tw/> [E-mail:sales@epox.com.tw](mailto:sales@epox.com.tw)

EPoX-USA

EPoX International Inc.

531 East Jamie Ave La Habra, CA 90631 U.S.A.

TEL: 714-680-0898 FAX: 714-680-0858

<http://www.epox.com/html/english/default.htm> [E-Mail:sales@epox.com](mailto:sales@epox.com)

EPoX-Europe

EPoX Europe Computer B.V.

Noordkade 64, 2741 EZ Waddinxveen, Netherlands

TEL: 31-0182-633355 FAX: 31-0182-632744

<http://www.epox.nl/> [E-mail:sales@epox.nl](mailto:sales@epox.nl)

EPoX-Deutschland

Elito-EPoX Computer GmbH..

41,Nuernberger Strasse, D-91257, Pegnitz, Germany

TEL: +49-9241-9917-15 FAX: +49-9241-9917-71

<http://www.elito-epox.com/> [E-mail:info-com@elito-epox.com](mailto:info-com@elito-epox.com)

EPoX-Korea

EPoX Korea Computer.

RM601, Princetel Building 13-20, Youido--Dong, Youngdungpo-Gu., Seuol, Korea

TEL: + 882-66729788-9 FAX: + 882-66729787

<http://www.epox.com.tw/> [E-mail:epoxkorea@goldnet.ne.kr](mailto:epoxkorea@goldnet.ne.kr)

EPoX-China

EPoX Computer Co., LTD. (China)

北京市海淀区中关村东路123#都市网景A座14楼12B01 [邮编：100086]

TEL：+86-10-62191002 FAX：86-10-62191002#303

<http://www.epox.cn/> [E-MAIL: sales@epox.cn](mailto:sales@epox.cn)