

Wintec

WBT-202

Bluetooth GPS Receiver
with Micro-SD interface



ENGLISH • 繁體中文

USER'S MANUAL

SAFETY NOTES

- GPS (Global Positioning System) is provided by the United States government. Its accuracy may vary depending on special conditions (area at war or if it is blocked). Any control by USA will affect this system and its accuracy.
- If installed on the transportation device, driver must not operate this while driving.
- GPS performance is affected when satellite coverage is degraded as near a high-rise building, in the tunnel or under a cover.
- Personal replacement of components and re-structuring of this is prohibited and may result in loss of legal usage.
- Operation of this device is strictly prohibited in highly explosive environment such mining, in-flight or other unauthorized area against use of this.
- Avoid exposing this at places of high temperature and humidity.
- Return to original dealer immediately if it emits strange smell or fume.

Set the WBT-202 on the place where can receive GPS signal easily for 10 to 15 minutes if it is the first time to be used. This procedure enables the device to gather some Almanac Data and ensures the quicker position fixed and better GPS performance.

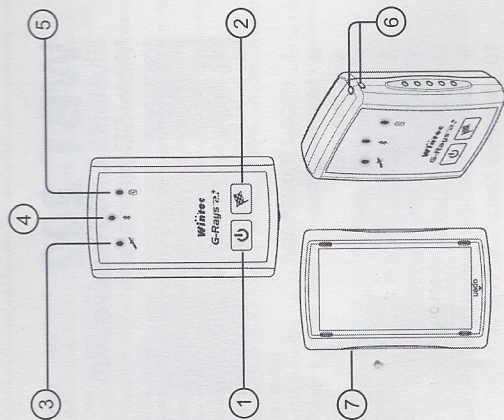
WBT-202

Bluetooth GPS Receiver with Micro-SD interface

CONTENTS

- 1 PRODUCT OVERVIEW
- 2 LED INDICATOR
- 3 CONTENTS
- 4 USING THE UNIT
- 5 BATTERY INSTALLATION
- 7 BATTERY REPLACEMENT
- 8 MICRO-SD CARD INSTALLATION
- 9 SWITCH TO MSD (MASS STORAGE DEVICE) MODE
- 10 SHOWING TRACK & SETTING
- 13 USB DRIVER INSTALLATION

PRODUCT OVERVIEW



- ① Power Button
- ② Flag Button
- ③ GPS LED
- ④ Bluetooth LED
- ⑤ Power LED
- ⑥ Carrying Strap Hole
- ⑦ Battery Case

LED INDICATOR

LED STATUS		LIGHT	DESCRIPTION
	GPS (Red)	Blink	GPS get acquisition
		On	Searching satellites & Not get acquisition
		Off	Device off
	GPS (Green)	On	Record a Push To Log point or Create a new track
		Blink	Bluetooth connected
		On	Bluetooth on & searching
	Bluetooth (Blue)	Off	Bluetooth off
		Blink	Rapidly flash with Micro-SD card → log a point on Micro-SD card. Rapidly flash w/o Micro-SD card → log a point on inbuilt memory.
		On	No Micro-SD card. Micro-SD card full. Micro-SD card error. (Log to the backup memory inside the WBT-202)
	Micro-SD (Orange)	Off	Log to Micro-SD card
		Blink	Low power (Red)
		On	Charging (Red) Fully Charged (Green)

CONTENTS

- 1 x WBT-202 / BT GPS Receiver with Micro-SD card
- 1 x Micro-SD card
- 1 x Lithium-ION rechargeable battery
- 1 x Mini USB cable
- 1 x Quick installation guide

Optional accessories

- 1 x Power adapter
- 1 x Car charger

Before using the device, please make sure that all the accessories are included in the package. In case any one is missing or damaged, please contact your dealer immediately.

USING THE UNIT

Power On

- Press and hold the  (Power) button for 3 seconds to turn on the WBT-202.
- The  (GPS) &  (Bluetooth) LED will light up and start to search satellites signals.
- If there is no Micro-SD card inside the device, the orange  (Micro-SD) LED will light up.
- At this moment, ensure the unit facing to the sky in open sky environments for about a minute until the WBT-202 gets acquisition (Red  LED blinks).

Bluetooth On/Off

- Press the  (Power) button to enable or disable the Bluetooth connection.

Create a new track

- Press the  (Flag) button longer until the green  (GPS) LED goes out, and the WBT-202 will re-start a new file for logging.

Add a Push-To-Log point

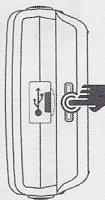
- Press the  (Flag) button to log a Push-To-Log point.

Power Off

- Press and hold the  (Power) button for 3 seconds to turn off the WBT-202. All LED will go out.

BATTERY INSTALLATION

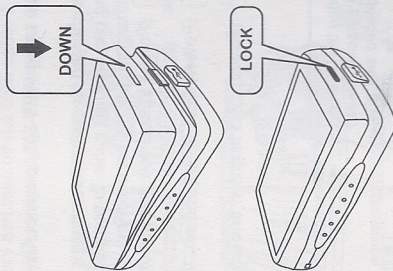
- Push the mechanism at the bottom of the unit and take off the battery case.



- Place the battery properly
Please be aware that the tab on battery is for easily pulling, don't remove it.



- Close the battery case.



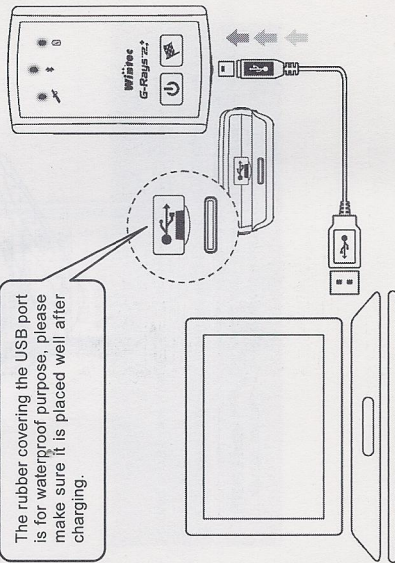
Cautions

- Please take off the battery if the device will not be operated more than 30 days.
- Be sure WBT-202 has been turned the power off before removing the battery. The abnormal process may cause damage of log data.
- Charge the battery immediately when the red (Power) LED blinks. Doing so can avoid worse GPS performance and incomplete log data.

BATTERY REPLACEMENT

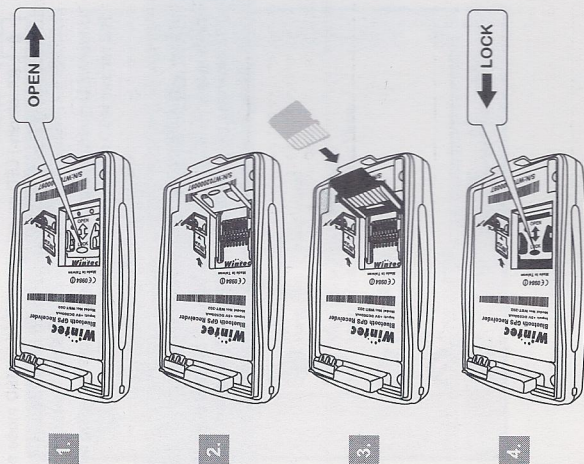
- Plug in the USB cable from WBT-202 connected to any USB port for charging.
- For the first time using WBT-202, please charge battery until it is fully charged.
- The unit can be charged no matter power on or off.
- Battery charging can via USB cable to computer directly or power adapter or car charger (optional accessories).
- When the  (Power) LED is red and blinking, it is battery low, please recharge.
- When the  (Power) LED is red and on, the battery is under charging.
- When the  (Power) LED is green and on, the battery is fully charged.

The rubber covering the USB port is for waterproof purpose, please make sure it is placed well after charging.



MICRO-SD CARD INSTALLATION

- Before installing the Micro-SD card, please turn off the WBT-202, remove the battery and take off the USB cable if any.
- Install the Micro-SD card properly. Please refer to below illustration.



- Relocate the battery and start to use WBT-202.

SWITCH TO MSD (MASS STORAGE DEVICE) MODE

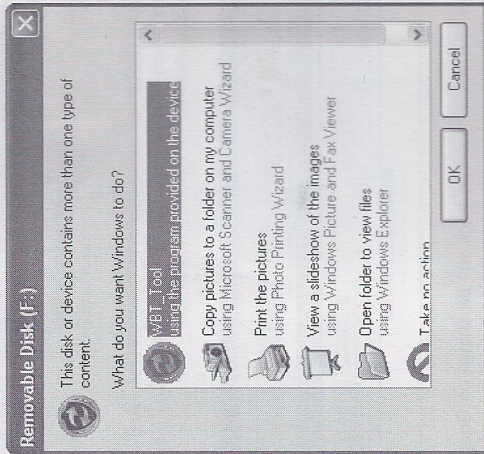
- Turn on the WBT-202
- Connect the unit to any USB port of computer via USB cable.
- Press the  (Power) button longer until the  (Bluetooth) LED go out. It switched to MSD mode now. At this moment, the orange  (Micro-SD) LED will light on.
- Under MSD mode, take off the USB cable or press the flag button, WBT-202 will exit MSD mode and turn the power off.

CAUTIONS

Don't delete, rename or re-organize the exist files inside the WBT-202; otherwise the log data may not be properly recorded.

SHOWING TRACK & SETTING

1. Enter the MSD mode (please refer to above process).
2. The inbuilt access tool (WBT_Tool) will be executed automatically and pop up following dialogue, please choose WBT_Tool and press "OK".

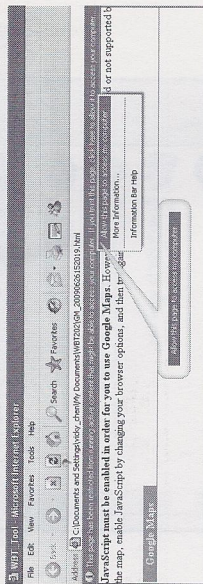


3. You probably can not see the above dialogue if the antivirus program in your computer does not accept the "Auto Run" function. Please change the setting to accept it.
4. You also can execute the WBT_Tool manually. Please refer to below process.
 - a. Open "My Computer".
 - b. Double click the icon of WBT_Tool as following.



Removable Disk (F:)

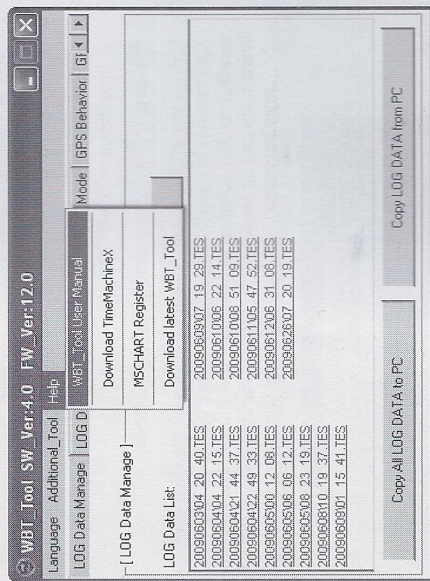
5. The WBT-202 will auto-connect to Google Maps. And the safety mechanism from IE as following will be shown up, please allow blocked content.



6. Now, the latest recorded track will be shown on Google Maps automatically.
7. At this moment, the inbuilt WBT_Tool will be minimized and hidden in the system tray. Click its icon as below anytime when you want to use the WBT_Tool.



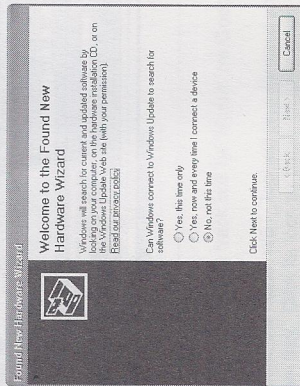
P.S. For the detailed user manual of WBT-202 and further instruction of WBT_Tool, please refer to the electronic file inside the WBT_Tool User Manual of Help page.



USB DRIVER INSTALLATION

Before connecting WBT-202 to computer (for navigation software or TimeMachineX...etc.) via USB interface, please install the USB driver according to following process.

1. Switch the WBT-202 to MSD mode and execute the WBT_Tool.
2. The USB driver (USB_DRV.inf) will be auto-copied to the path at "... \ my document \ WBT202".
3. Press the  (Flag) button to leave MSD mode.
4. Turn on the WBT-202 and connect to computer via USB cable. At this moment, the computer will auto-detect the new USB device and ask for the software installation. The Found New Hardware Wizard will pop up as below, please find out the driver in the path at "... \ my document \ WBT202", and then complete install steps.



P.S. For the further instruction of USB driver installation, please refer to the electronic file inside the WBT_Tool User Manual of Help page.

Wintec

WBT-202 Bluetooth GPS Receiver with Micro-SD interface



繁體中文

使用者說明書

注意事項

- 全球衛星定位系統 (Global Positioning System; GPS) 由美國政府所提供，並負責該系統的正常運作及定位精度的控制。基於美國本身的政策考量或國防安全，美國有權在不預先通知或公告的狀況下，降低整個系統的功能或定位精確度(如在戰爭時或刻意封鎖某一區域時)。美國政府單位所做的任何變動都可能影響 GPS 設備的精準度及性能。
- 為了您的行車安全，我們強烈建議您不要於駕駛中同時操作本裝置。
- 使用 WBT-202 時，如果您位於建築物內(如地下停車場)、隧道或周邊有高大地形地物阻擋時，GPS 衛星訊號的接收可能因受影響而導致暫時斷訊(失去定位)，此時並非裝置故障，只要 WBT-202 再次定位時，記錄即會恢復正常。
- 請勿任意更換或改裝機構結構及零件，以免喪失保固的權益。
- 請勿在飛機飛行中或炸彈遙控等敏感較高地區使用。
- 避免放置於高溫及高濕度地方太久。
- 若發現本機異味或煙霧時，請立刻關機並送服務站。

初次使用 WBT-202 或持續超過一個月以上未使用時，建議先將本裝置開機並放置於訊良好處(如窗戶邊、空曠處等)約 10~15 分鐘，使其先行接收定位時所需之星曆資料；如此於正式使用時即可獲得較迅速且精確的定位品質。

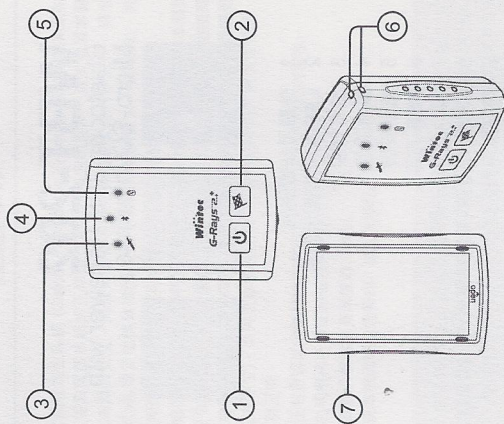
WBT-202

Bluetooth GPS Receiver with
Micro-SD interface

目錄

- 1 外觀及按鍵說明
- 2 LED 指示燈顯示說明
- 3 標準包裝
- 4 基本操作
- 5 電池安裝
- 6 USB 充電
- 7 Micro-SD 卡安裝
- 8 切換至隨身碟 (MSD) 模式
- 9 軌跡讀取與設定
- 12 USB 驅動程式安裝

外觀及按鍵說明



- ① 電源鍵
- ② 軌跡鍵
- ③ GPS LED
- ⑦ 電池蓋

- ④ 藍芽 LED
- ⑤ 電源 LED
- ⑥ 吊鉤孔

LED 指示燈顯示說明

LED 顏色		LED 狀態		說明
	GPS (紅)	閃爍	GPS 定位成功	
		恆亮	偵測衛星中，GPS 尚未完成定位	
		關閉	電源關閉	
	GPS (綠)	亮	軌跡按鍵指示燈 短按 → 記錄一個特外點 長按 → 建立一條新軌跡	
		閃爍	藍芽已連線	
		恆亮	藍芽功能開啟，配對中	
	Bluetooth (藍)	關閉	藍芽功能關閉	
		閃爍	有安裝 Micro-SD 卡時 → 記錄一筆軌跡資料至 Micro-SD 卡中 (長亮短亮) 無安裝 Micro-SD 卡時 → 記錄一筆軌跡資料至 內建備份記憶體中 (長亮短亮)	
		恆亮	無 Micro-SD 卡 Micro-SD 卡容量已滿 Micro-SD 卡異常 (軌跡將記錄至內建備份記憶體中)	
	Micro-SD (橘)	關閉	Micro-SD 卡可正常使用 (軌跡將記錄至記憶卡中)	
		閃爍	低電量指示 (紅)	
		恆亮	充電中 (紅) 充電完成 (綠)	

標準包裝

- 1 x WBT-202 藍芽 GPS 接收器 (提供 Micro-SD card 介面)
- 1 x Micro-SD 卡
- 1 x 可充電式鋰電池
- 1 x Mini USB 連接線
- 1 x 簡易使用說明書

選購配件

- 1 x 旅行/家用電源充電器
- 1 x 車用點煙器式充電器

開始使用本產品前，請確認您的包裝內含上述物品。若遺漏任一物品，請洽您所購買的經銷商。

基本操作

開機：

- 按住  (電源鍵) 3 秒鐘，即可開啟 WBT-202。
-  (GPS) 及  (藍芽) LED 燈會亮起，並開始搜尋衛星訊號。
- 若 WBT-202 無安裝 Micro-SD 卡，橘色  (Micro-SD) LED 燈會亮起。
- 此時，請保持裝置正面朝上，並放置在窗邊或可看到天空的位置，以確保 WBT-202 能接收到較佳的衛星訊號，直到 GPS 定位成功。(紅色  LED 燈閃爍)。

藍芽功能開啟/關閉：

- 短按  (電源鍵) 可開啟或關閉藍芽功能。

開啟一條新軌跡：

- 長按  (軌跡鍵) 直到綠色  (GPS) LED 燈熄滅。此時 WBT-202 會開始記錄另一條新軌跡。

記錄一個特殊點：

- 短按  (軌跡鍵) 在軌跡中記錄一個特殊點。

關機：

- 按住  (電源鍵) 約 3 秒鐘，即可關閉 WBT-202。此時所有的 LED 燈會熄滅。

電池安裝

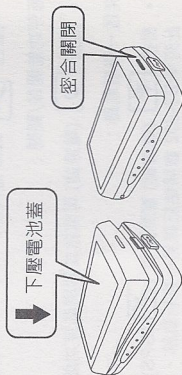
- 按壓 WBT-202 下方電池蓋卡榫機構，並打開電池蓋。



- 將鋰電池放入。
請注意：電池上的 PULL 標籤為方便您將電池取出的設計，請勿移除。



- 蓋上電池蓋。

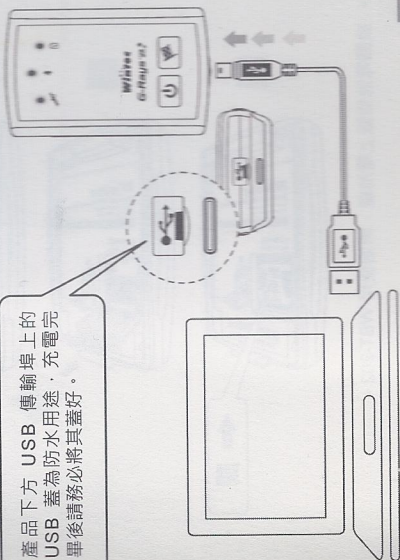


USB 充電

WBT-202 可經由裝置下方的 USB 傳輸埠進行充電。

- 請將 USB 傳輸線 Mini USB 接頭那端連接至 WBT-202，再將另一端接至電腦上的任意 USB 埠即可。
- 若是第一次使用 WBT-202，請將電池完全充電。
- 不論是開機或關機的狀況下皆可進行充電。
- 電池充電可經由 USB 線直接連接至電腦 USB 埠的方式，亦可透過旅行用電源充電器或車用點煙器式充電器（選配）。
- 當 (電源) LED 燈為紅色閃爍，電池電力即將耗盡，請進行充電。
- 當 (電源) LED 燈為紅色恆亮，電池正在進行充電。
- 當 (電源) LED 燈為綠色恆亮，電池已充電完成。

產品下方 USB 傳輸埠上的 USB 蓋為防水用途，充電完畢後請務必將其蓋好。

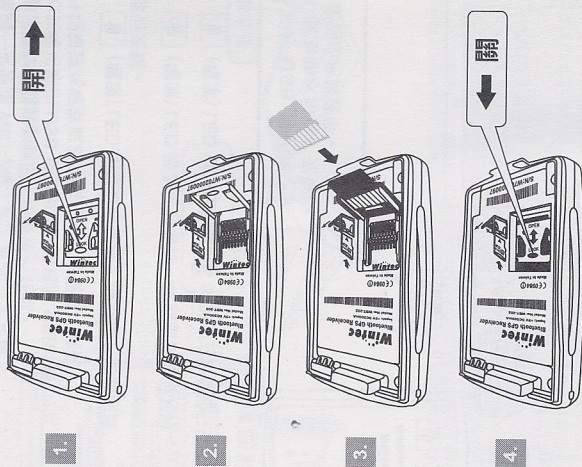


注意

- 超過 30 天不使用本裝置時，請將電池取出。
- 更換電池前請確認 WBT-202 已切實關機。若於開機狀況下直接移除電池，則有導致記憶體錯亂的可能性，進而造成記錄資料部份毀損。
- 建議於電池低電量指示燈亦即紅色 (Power) LED 燈閃爍時，立即進行充電。如此做可確保所有記錄資料的完整性以及較佳的 GPS 接收效能。

MICRO-SD 卡安裝

- 安裝 Micro-SD 卡前，請確認 WBT-202 已開機。
- 移除裝置電源，包含電池及已連接電源的 USB 連接線。
- 適當及正確地放入 Micro-SD 卡 (請參閱下列示意圖)。



- 放回電池並蓋上電池蓋，開始使用 WBT-202。

切換至隨身碟 (MSD) 模式

- 將 WBT-202 開機。
- 透過 USB 連接線將 WBT-202 與電腦端 USB 埠連接。
- 長按  (電源鍵) 直到  (GPS) LED 燈與  (藍牙) LED 燈熄滅。此時橘色  (Micro-SD) LED 燈會亮起，表示已進入隨身碟模式。
- 在隨身碟 (MSD) 模式下移除 USB 連接線或短按  (軌跡鍵)，WBT-202 即會離開 MSD 模式並進入開機狀態。

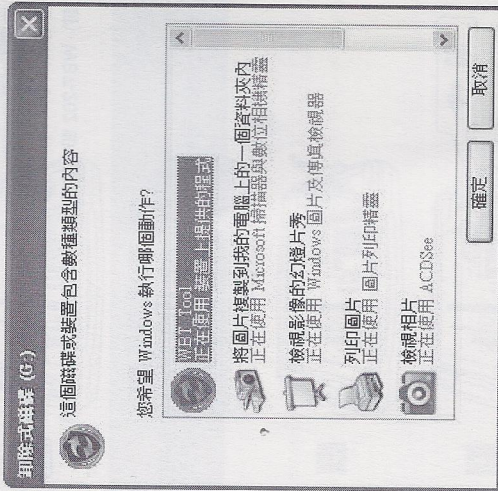
注意

請勿任意刪除、移動或重新命名 WBT-202 內的原始檔案，上述動作可能導致軌跡資料無法被正確的儲存。

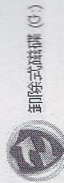
軌跡讀取與設定

[在進行下列步驟前，請先確認您的電腦是網路連線的狀態。]

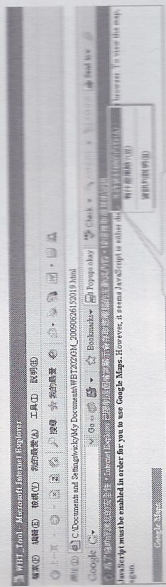
1. 進入隨身碟 (MSD) 模式 (請參閱上一個章節步驟)。
2. 其內建的存取程式將自動執行 "Auto Run" 功能並跳出下列畫面，請選擇 WBT-Tool，並按 "確定" 鍵。



3. 若您的防毒軟體不允許 "Auto Run" 功能，請點選允許自動執行。
4. 您亦可以直接以手動方式開啟 WBT_Tool，請參閱下列步驟。
 - 開啟 "我的電腦"。
 - 雙擊滑鼠左鍵點選 WBT_Tool 圖示。



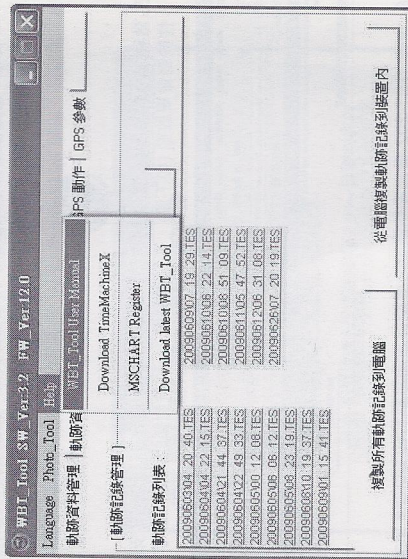
5. 啟動 WBT-202 後，系統會自動連結至 Google Maps，此時 IE 安全性機制會被啟動 (如下圖)，您只需選擇 "允許被封鎖的內容" 即可。



6. 接著 WBT-202 會自動將最後一筆記錄的軌跡顯示在 Google Maps 上。
7. 此時，內建的 WBT_Tool 軟體會最小化至螢幕右下角，僅需點選關閉，即可進行變更設定或軌跡轉檔等功能。



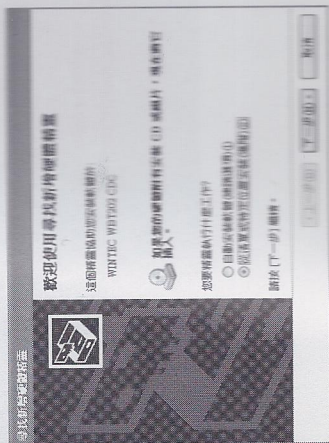
P.S. 詳細的 WBT-202 產品說明和 WBT_Tool 的操作流程，請參閱 WBT_Tool/Help 頁面裡的檔案內容(請先連上網路)。



USB 驅動程式安裝

如欲使用 WBT-202 的 USB 介面與電腦溝通時(例如搭配導航軟體或使用 TimeMachineX...等)，請先依據下列步驟安裝 USB 驅動程式。

1. 將 WBT-202 切換至隨身碟 (MSD) 模式並開啟 WBT_Tool。
2. 此時 USB 驅動程式 (USB_DRV.inf) 會被自動複製到 "... \ my document \ WBT202" 路徑底下。
3. 短按  (軌跡鍵) 離開隨身碟 (MSD) 模式。
4. 重新開啟 WBT-202 並透過 USB 線連結至電腦。此時電腦端會主動偵測此 USB 裝置並要求新增此 USB 裝置。
5. 如下圖所示的“尋找新增硬體驅動”畫面會出現，請點選“從清單或特定位置安裝(進階)”，並將位置指到 "... \ my document \ WBT202" 路徑，完成安裝步驟。



Wintec
www.wintec.com.tw