

# Bluetooth manual.

This manual describes how to connect your LID-572 BT to a PC that is Bluetooth equipped. This manual only describes one specific Bluetooth adapter. Its the "bBlue – EM1082" from EMINENT. Other adapters may have different options / menu's but the basics are the same.

## Setting up the PC for use with Bluetooth.

After installing the drivers for the Bluetooth dongle you will have a Bluetooth icon in the system tray.

### Assigning a Name and Type to the PC

The name you assign to the PC is displayed to other Bluetooth devices when the computer is set to be discoverable. The default name is the name assigned by the operating system.

#### To change the computer name or type

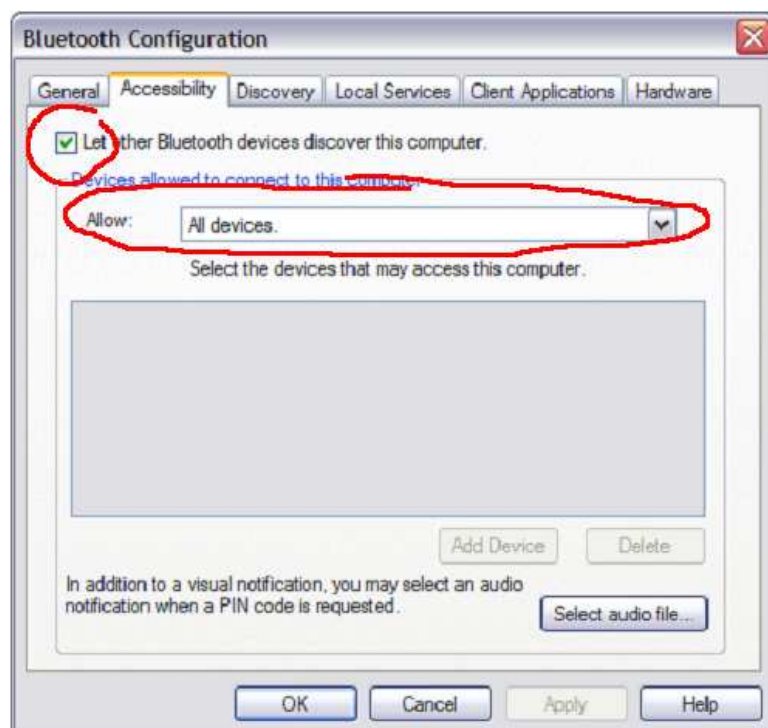
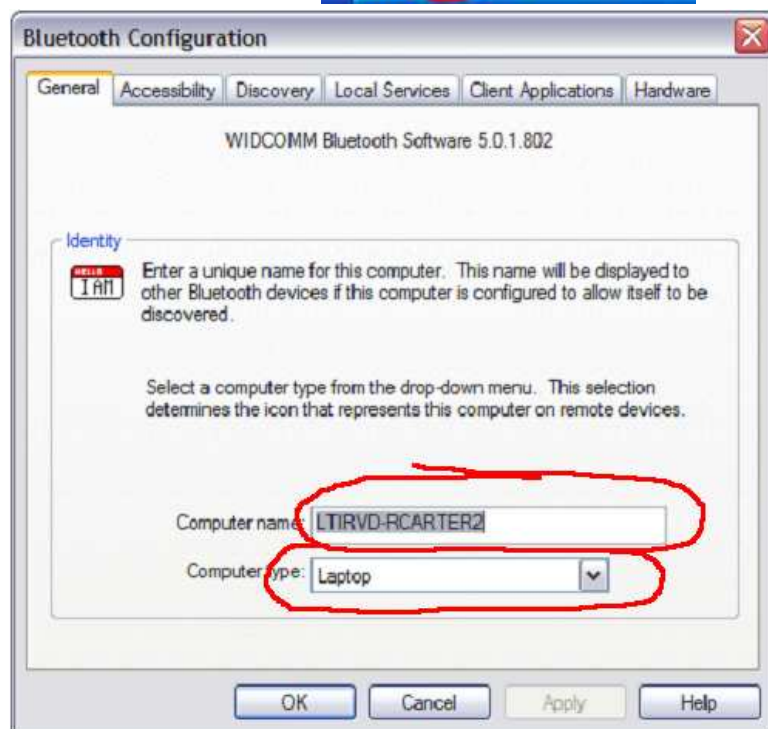
1. Open My Bluetooth Places.
2. Click View or modify configuration.
3. In Bluetooth Configuration, click the General tab and make the changes in the spaces provided.

### Providing Access to the LID572

1. Open My Bluetooth Places.
2. Click View or modify configuration.
3. In Bluetooth Configuration, click the Accessibility tab and make the access settings you prefer in the spaces provided.

Make sure you have selected the options "Let other Bluetooth devices discover this computer" and Allow: "All devices".

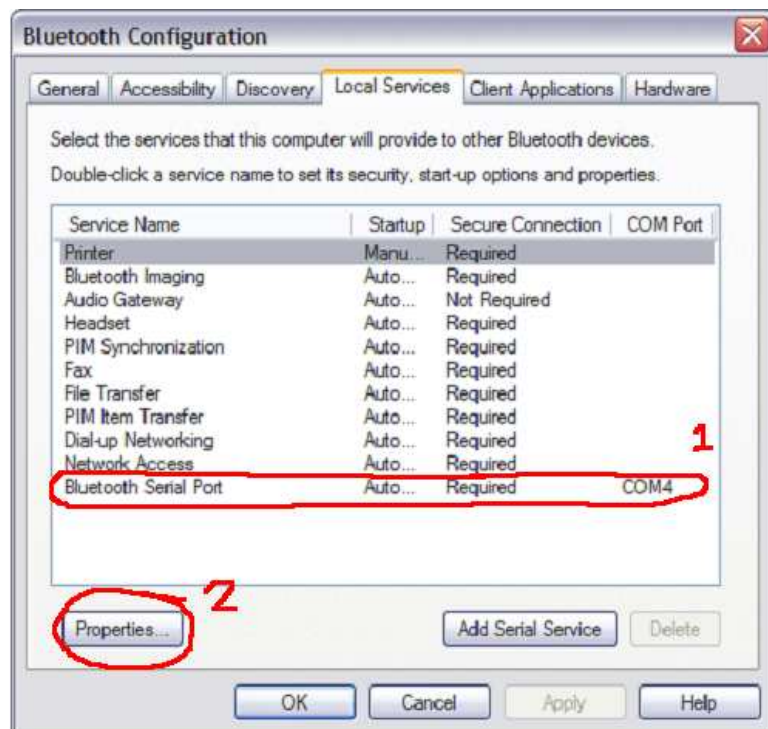
NOTE: If you later clear the "Let other Bluetooth devices discover this computer" check box, devices that have previously connected to this computer can still do so.



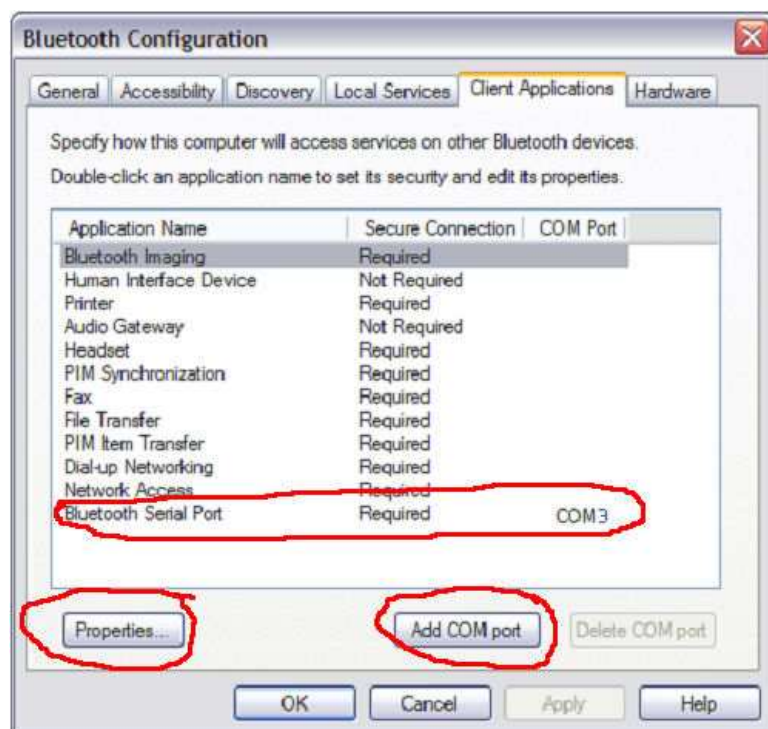
### Setting up the required services

1. Open My Bluetooth Places.
2. Click View or modify configuration.
3. In Bluetooth Configuration, click the Local Services tab.

In order to let the LID572 connect automatically to the PC you need to make sure that the local service "Bluetooth Serial Port" is enabled. You can edit the settings of this service by clicking the "Properties" button. Make sure that the service is in "Automatic start-up" mode. Configure the rest of the settings to your own wishes.

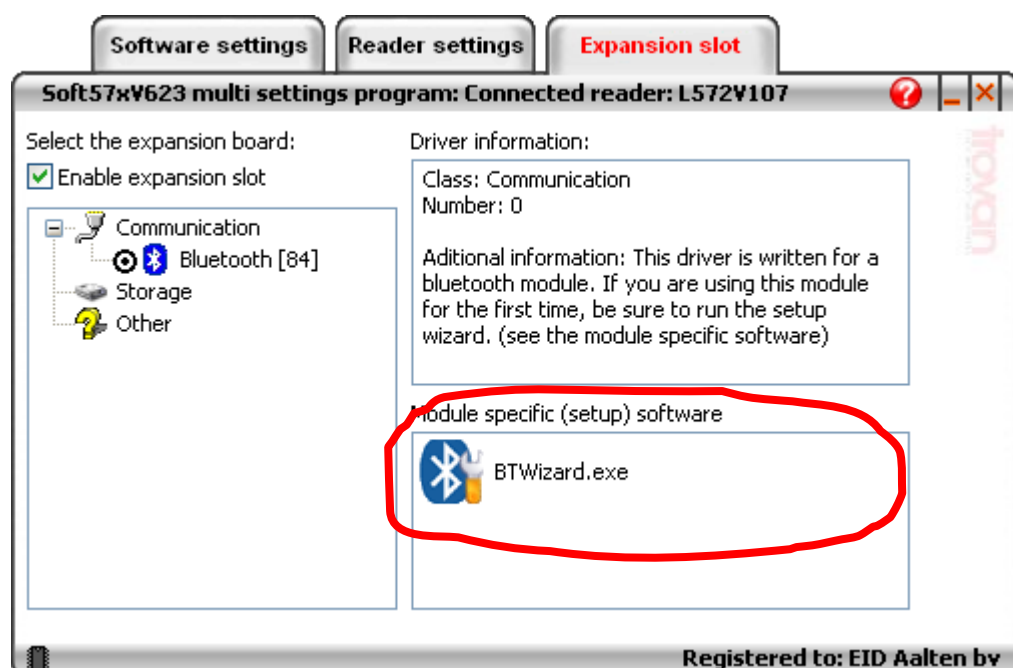


In order to make a manual connection to the LID 572 you have to add a "Client Application". Go to the Client Application tab and make sure you have a "Bluetooth Serial Port" available (See picture) If not, click on the "Add COM port" button and follow the instructions.



## Setting up the reader for use with Bluetooth:

The first time you are going to use the Bluetooth option you have to configure the Bluetooth module that is inside the LID572. This is done by connecting the reader to the PC using USB and starting the Soft57x software program. This program can be downloaded from our website [www.dorset.nu](http://www.dorset.nu). Once a connection is established, go to the "Expansion slot" tab sheet.



Here you will see the current selected expansion board, driver information and the module specific software. Check if the "Enable expansion slot" option is selected and the "Bluetooth [84]" module is selected.

Now run the BTWizard.exe program in order to configure the Bluetooth module that is inside the LID572.

After the BTWizard program is started, it will detect the LID572 and show all the options of the Bluetooth module. Follow the wizard and set the options to your wishes.

There are two types of connection settings:

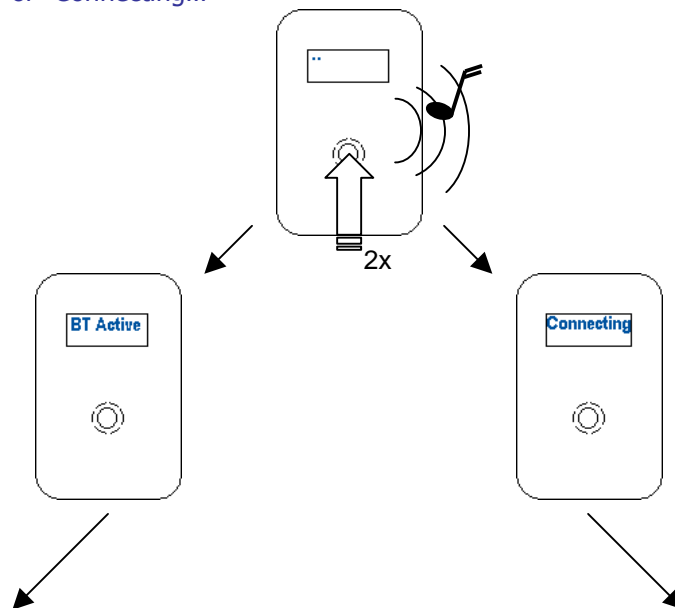
1. Auto connect.
2. Wait for connection.

The difference between these two types are listed in the following table:

	Enable by:	LCD message	Editing settings & download saved data possible?	Send ID after read possible?	Remarks
<b>Auto connect</b>	Double click red button	"Connecting..." / "Connected..."	Yes	Yes	The connection will be established automatically and the user can connect and remain connected to the corresponding comport.
<b>Wait for connection</b>	Double click red button	"BT Active"	Yes	No	The user must establish and end the connection manually. Once established, the user can connect to the corresponding comport.

## Making a connection:

Make sure the LID572 is not connected to the PC by USB and double click the red button on the reader. Depending on the settings that are made during the BTWizard program you will see either "BT Active" on the LCD or "Connecting..."



### To connect the PC to the LID572:

1. From this computer, open My Bluetooth Places.
2. Click Bluetooth Setup Wizard.
3. Click I know the service I want to use and I want to find a Bluetooth device that provides that service, and then click Next.
4. Click Bluetooth Serial Port in the Bluetooth Service Selection list, and then click Next.
5. Select "All devices" from the list.
6. In the Bluetooth Device Selection, click on the LID572, and then click Next.
7. Click Finish.
8. Now the PC is connected to the LID572 and you can start the Soft57x program and connect to the corresponding comport.

### To let the LID572 connect to the PC:

The LID572 will try to connect to the PC that was specified during the BTWizard program. In this case you should get a message on the PC that the LID572 is trying to connect to the PC and that identification is required. Enter the same PIN that was entered in the BTWizard program. Once done you will get a second message that the LID572 is trying to connect to the Serial Port Profile service. Select the option "Always allow..." and click "OK". Now the LID572 is connected to the comport (Display will show "BT Connected") and you can start the Soft57x program and connect to the corresponding comport.