LID572 RFID reader

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.

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Setting up the PC for use with



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.

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	WIDCOMM Bluetooth Software 5.0.1.802
Identity -	
Ton	Enter a unique name for this computer. This name will be displayed to
	other Bluetooth devices if this computer is configured to allow itself to be discovered.
	Select a computer type from the drop-down menu. This selection
	determines the icon that represents this computer on remote devices.
	Computer name LTIRVD-RCARTER2
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IDENTIFICATION

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.

Service Name	Startup	Secure Connection	COM Port	
Printer	Manu	anu Required		
Bluetooth Imaging	Auto	Required		
Audio Gateway	Auto	Not Required		
Headset	Auto Required			
PIM Synchronization	Auto	Required		
Fax	Auto	Required		
File Transfer	Auto	Required		
PIM Item Transfer	Auto	Required	1	
Dial-up Networking	Auto Required			
Network Access	Auto Required			
Bluetooth Serial Port	Auto	Required COM4		
Properties.	2	Add Serial Service	Delete	

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.

Bluetooth Configuration

General Accessibility Discovery Local Services Client Applications Hardware

Specify how this computer will access services on other Bluetooth devices.

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Double-click an application name to set its security and edit its properties.

Application Name	Secure Connection	COM Port
Bluetooth Imaging	Required	
Human Interface Device	Not Required	
Printer	Required	
Audio Gateway	Not Required	
leadset	Required	
PIM Synchronization	Required	
ax	Required	
ile Transfer	Required	
PIM Item Transfer	Required	
Dial-up Networking	Required	
Network Access	Required	
Bluetooth Serial Port	Required	COM3
Properties	Add COM port	Delete COM port
		Jacoba Hinti



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 <u>www.dorset.nu</u> 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 a 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
Auto connect	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.
Wait for connection	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 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
d 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.

