# **Application Note 0025**

## **Fitle : Mini Bluetooth USB Adaptor Setup**

This guide will take you through the steps required to install and configure the Bluetooth USB adapter and pair a Rigel Test instrument with the adaptor.



The Bluetooth USB adapter can then be used for wireless communication between the Rigel Test Instrument and PC applications such as Med-eBase.

### nstall the USB adapter

Vote: The installation process may look slightly different for other versions of Vindows.

. Close all applications. Insert the adapter into a spare USB socket. Your PC will detect new hardware. Look for this message in the bottom right hand corner of the screen.

2011	Found New Hardware Bluetooth Peripheral Device	
	**************************************	🖕 🍘 🔽 14:17

When Windows has finished installing the device you will see this message:-

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Your ne	w hardwa	are is inst	alled and	ready to u	se.
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2. Move your mouse over the Bluetooth icon and press Right Click. Select **Open Bluetooth Settings** 

Add a Bluetooth Device	
Show Bluetooth Devices	
Send a File	-
Receive a File	
Join a Personal Area Network	
Open Bluetooth Settings	
Remove Bluetooth Icon	
	★ 💊 🖕 🛞 V∄ .

3. Click on the Options tab and select "Turn Discovery On"



# Pairing the Bluetooth USB adapter with the Test Instrument

they can be used.

used.

1) Press	, ≁≣
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press	$\checkmark$

2) Highlight Cor arrows and p

4. Click on the COM Ports tab. Make a note of the incoming COM port number.



The Bluetooth USB adapter is now ready for use as a serial port.

3)	Press	#
Ê	Bluetooth	devi

Wait until the progress bar is complete and the egg timer icon is turned off.

the search.

 $\checkmark$ press

)025 – Mini Bluetooth USB Adaptor set-up.



#### Note: Pairing is a set up procedure that is only required the first time the Test Instrument is used with the PC.

All Bluetooth devices must go through a security process called pairing before

Once paired, the devices remain paired.

Pairing is generally a one-off process carried out the first time the devices are

### Adding the PC with USB adapter to the Rigel Bluetooth Favourites

(F4), move the cursor to Setup, press right arrow, Bluetooth Favourites and

(F4).

	Earth Bond 2s
Auto M Manual ⊻iew [ Data T Setup	Test Sequences Test Codes Asset Trace Variables System Config Bluetooth Favourites User Admin > Dhms] Memory Options
A <u>b</u> out	Restore Factory Settings

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ress	<u>දිටිව්</u> (F2).	

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(F1) to search for vices in range.

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4) Select New field using the Up/Down arrows and press Right arrow to open a list of Bluetooth devices found during

Use the Up/Down arrows to highlight the name used when setting up the Bluetooth serial port on the PC and

(F4).



5) Press (F2) to add the chosen PC to the Computer Favourites then press (F4) to confirm.	Setup New SELPC033 S Computer SELPC033 <> Bluetooth ID 000A3A635D8A PIN number
6) The display now shows the currently chosen Favourites. Press (F4) to complete the setup and return to the start-up screen.	Barcode Selection Favourites Barcode Selection Favourites Computer SELPC033 <> Test'n'Tag

#### Connecting the Rigel Test Instrument and Bluetooth USB Adapter

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press accept	<b>v</b> Downlo	(F4) bad to	then PC.	$\checkmark$	(F4)	to

The Rigel Test Instrument will now attempt to make a Bluetooth connection to the computer selected in Bluetooth Favourites.

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8 A Bluetoo To allow this con	th device is requinection, click this m	esting to connections	t to your computer.	×
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4) Click on the pop-up as directed on screen. This will open a Bluetooth PIN Code Request.

Enter the PIN 0000 (4 zeros) and press Next.



5) Click on Finish



?) Open the PC application that you want to use (eg PATGuard or DataTransfer). Select the same COM Port that is shown in the COM Ports tab of the Bluetooth Settings (in this case COM 11).

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	LUNIT	
Download Pro	gress	
Time 00:00:00		Estimated time to completion 00.00:00 Ready
	1420000	
Data received from	n Tester	

3) A pop-up will now appear saying that the Test Instrument is trying to communicate with the PC.

**FINISHED** - The Test Instrument and Computer are now paired.

Note: Pairing is a set up procedure that is only required the first time the Test Instrument and computer communicate.

# **Data Transfer**

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Now that the Test Instrument is paired with your PC, you will not need to re-enter the PIN number. Simply select Data Transfer -> Download on the Test Instrument watch the egg timer appear. Then on the PC, open the correct COM Port and the connection will be made within seconds.

Note that on the Test Instrument, the egg timer icon will be replaced with a Bluetooth icon whenever the connection is present.

## Troubleshooting

1)

2) Offloader or DataTransfer.



The generic Microsoft Bluetooth driver fails to install properly, or produces errors with your Bluetooth device.

> • An alternative Bluetooth driver is available for this device by request to <a href="mailto:support@rigelmedical.com">support@rigelmedical.com</a>

You do not have access to a data transfer program, such as BT

• The DataTransfer.exe is available for download at

www.rigelmedical.com and should also be included on the Rigel Utility Disc that will have accompanied your product.