

This guide will show you how to configure a Windows Mobile 6 PDA for Bluetooth connection to the KBM Systems OBDKey Bluetooth device.

You should first connect the OBDKey device to the vehicle and the vehicle key should be in, and in the ignition on position.

Then on your Windows Mobile 6 device, from the Today screen click on the "Comm Manager" icon. This is shown in the bottom right of the screen image of figure 1.



Figure 1 :: Today Screen



If your Bluetooth radio is OFF, turn it on by tapping on the Bluetooth icon. This is shown in Figure two as the top right icon of the 6 icons shown on this Windows Mobile device.



Figure 2 :: Comm Manager – Bluetooth Shown as OFF



Figure 3 :: Comm Manager – Bluetooth Shown as ON



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Phone		
6		8.
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4))		Ð
Copyright 200	8 KBM S	ystems Ltd Phone Bluetooth
Exit	****	Settings

Figure 4 :: Comm Manager – Select Bluetooth from the Settings Menu

🐉 Settings 🛛 📰 🎢 🕂 ok
Bluetooth
Tap Add new device to search for other Bluetooth devices. Tap on a device to modify its settings.
Add new device
Convict 4 2000 KDM Overtained Ltd
Devices Mode COM Ports FTP Security

Figure 5 :: Bluetooth Settings – Tap Add New Device if your OBDKey is not already listed.



🔧 Settings 🛛 🖓 🧐 📢 ok
Bluetooth
Tap Add new device to search for other Bluetooth devices. Tap on a device to modify its settings.
Add new device
Boblev Pro
Delete
Set as Hands-free
Set as Wireless Stereo
Copyright 2008 KBM Systems Ltd.
Devices Mode COM Ports FTP Security
2

Figure 5a :: Bluetooth Settings – If your OBDKey is listed and you want to start the process again, tap and hold on the OBDKey listing item and tap the delete option when the menu appears.

😂 Settings 🛛 📰 🏹 📢	
Select a Bluetooth Device	2
Searching for Bluetooth Devices	
	_
Copyright 2008 KBM Systems Ltd.	
Refresh	
Cancel 🔤 Next	

Figure 6 :: Bluetooth Settings – Locating a Bluetooth Device



윩 Settings 🛛 🛱 🎢 📢
Select a Bluetooth Device 👔
Select a device to connect with and tap Next.
Image: Second system Image: Second system Image: Secon
Copyright 2008 KBM Systems Ltd. Refresh
Cancel 🔤 Next

Figure 7 :: Bluetooth Settings –List of New Devices Shown. Tap on "OBDKey Pro"

🐉 Settings 🛛 📰 🎢 🕂	
Enter Passcode	2
Enter a passcode to establish a secure connection with OBDKey Pro.	
Passcode:	
Copyright 2008 KBM Systems Ltd. Back 🔤 Next	

Figure 8 :: Bluetooth Settings –Enter Passcode for "OBDKey Pro" as 0000 (four zeroes)



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Enter Passcode		2
Enter a passcode to connection with OBI) establish a se OKey Pro.	ecure
Passcode:	****	
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123 1 2 3 4 5	6789	
Tab q w e r	tyui	
CAP a s d f	ghjk	
Shift z x c v	b n m	/.//⊷
Ctl áü		↓ ↑ ← →
Back	- EEE	Next

Figure 9 :: Bluetooth Settings –Passcode for "OBDKey Pro" as 0000 (four zeroes) then tap Next.

背 Settings		# ¶ - €
Partnership Se	ttings	2
Display Name:	DBDKey P	ro
Select services to	use from this	device.
Serial Port		
Copyright 20	08 KBM Svs	tems Ltd
123 1 2 3 4	5678	90-=+
Tab q w e r	tyu	i o p []
CAP a s d	f g h j	k ; '
Shift z x c	V b n m	$\Box \Box \Box \Box \Box \Box$
Ctl áü 🔪 🔪		↓ ↑ ← →
Back	-	Finish

Figure 10 :: Bluetooth Settings – Put a tick in the Serial Port box to access the OBDKey Pro serial port service.



🐉 Settings	# % ◄	ŧ
Partnership Sett	tings	2
Display Name:	OBDKey Pro	
Select services to u	use from this device.	
Serial Port		
		.
Copyright 200	08 KBM Systems Ltd	
123 1 2 3 4 5	001/18/9/01-	┋╴╸
Tabqwer	tyuiop	LJ
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Shift z x c v	b n m / . /	T∓-I
Ctl áü 📩 🔪	↓ ↑	← →
Back	🕮 🔶 🛛 Finisl	h

Figure 11 :: Bluetooth Settings – Ticked the Serial Port box. Tap Finish.

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Bluetoo	oth					
Tap Add Bluetoot its settir	l new di h devic ngs.	evice to sear es. Tap on a	ch for device	othe e to	er modify	/
Add ni 🚷 OBI	ew de [.] OKey P	vice Pro				
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Devices	Mode	COM Ports	FTP	Sec	urity	

Figure 12 :: Bluetooth Settings – Summary Screen. Tap "COM Ports"



🐉 Settings			ሻ ቀ€	ok
Bluetooth				
After pairing w port tap New C options, tap ar	ith a device, I Outgoing Port Id hold an exi	to set i . For o sting p	up a COM ther ort.	
New Outgoi	ng Port			
Copyright	2008 KBM S	ysten	ns Ltd.	
Devices Mode		FIP	Security	

Figure 13 :: Bluetooth Settings –COM Ports. Tap "New Outgoing Port"

🐉 Settings		# 5	4 €
Add a Device			2
Select the device	e you want l	to add	
OBDKey Pro			
Copyright 2	008 KBM S	lystems L	td.
Cancel		Ne	xt

Figure 14 :: Bluetooth Settings – COM Ports – Add A Device - Tap "OBDKey Pro" then tap Next.



🐉 Settings 🛛 🗱 🏌	
Bluetooth 2	
Port:	1
COM6 🔫	
Secure Connection	
Copyright 2008 KBM Systems Ltd.	
Back 📟 Finish	

Figure 15 :: Bluetooth Settings –COM Ports. Choose an available Port (e.g. COM6). Use a Secure Connection by putting a tick in the "Secure Connection" check box.

Note: The COM port number (COM6 here) is used by Windows Mobile programs to access the OBDKey and the vehicle's ECU. You will need to recall this COM port number later.

😝 Settings 🛛 🗱 🏹 🕂 🔤
Bluetooth
After pairing with a device, to set up a COM port tap New Outgoing Port. For other options, tap and hold an existing port.
OBDKey Pro (COM6)
Copyright 2008 KBM Systems Ltd.
Devices Mode COM Ports FTP Security

Figure 16 :: Bluetooth Settings –COM Ports Summary. Now whenever your device opens COM6 the connection will be made automatically to the serial port service of the OBDKey.



NOTE: At this point it is advised to reset the OBDKey by disconnecting from the vehicle and reconnecting it. This will force the OBDKey Bluetooth module to reload the settings just established.

Now we will run the OBDKey version of OBDGauge for the Windows Mobile device. This should have already been installed.



Figure 17 :: Today Screen–Look for the OBDGauge in your Start list, or tap "Programs" and locate "OBDGauge for OBDKey" in there.





Figure 18 :: OBDGauge start screen. The OBDKey should be now connected to the vehicle and the ignition on. When ready, tap Connect (or the Connect image).



Figure 19 :: OBDGauge Connecting Status Screen. By default, OBDGauge uses COM6. If your outgoing serial port is not COM6, tap on the "Options" button.

🐉 Preferen	ces 🐇	# Ÿ 4€ ok
Language:	English	•
Units:	Metric	•
Scan:	Displayed sens	iors 🔻
Graph:	Line	•
Port:	COM6	T
Log:	COM1 COM2 COM3 COM4 COM5 COM6 COM7 COM8	
Copyrigh	t 2008 KBM Sv	stems Ltd.
Close		

Figure 19a:: OBDGauge Preferences. By default, OBDGauge uses COM6. If your outgoing serial port is not COM6, tap on the "Port" list and select your outgoing serial port (from figure 15).





Figure 20 :: OBDGauge Connecting Status Screen. After communications are started the blue LED on the OBDKey will start to flash and ECU communications will begin.

😂 Initialising	#‡ ¶ €
OBD	KEY
Options	Cancel
OBDKey Connection	Status:
Copyright 2008 KE	3M Systems Ltd.
	CONNECT

Figure 21 :: OBDGauge Connecting Status Screen. OBDKey will automatically detect which OBD protocol is used and best suited to you vehicle.





Figure 22 :: OBDGauge Connecting to OBD Key Status Screen. OBDKey will report which OBD protocol is to be used.

😝 Scan o 5.3/s 🛛 🕌	:t Yi +€
101	
Throttle position	100
99	
1	
Engine RPM	_0
-1	
256	
Vehicle speed (km/h)	_255
254	
1	
Calculated load value %	_0
-1 Convright 2008 KBM Syst	emsitd
Menu 2 3 4 X	- E

Figure 23 :: OBDGauge Sensor Screen. NOTE that the data shown here is NOT from a live vehicle!





Figure 24 :: OBDGauge Fault code analysis screen. NOTE that the data shown here is NOT from a live vehicle

Please report any feedback to support@obdkey.com

Thank you.