

This guide will show you how to configure a Windows Mobile 5 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 5 device, from the Today screen click on the "Bluetooth" icon. This is shown in the third row down (under the time "11.03") 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.

🎥 Wireless Man	ager 📰 📢 11:03 🗙
All	¢\$
Wi-Fi	¶x)
	Off
Bluetooth	e,
	Off
	8 KBM Systems Ltd.
Done	🔤 Menu

Figure 2 :: Wireless Manager – Bluetooth Shown as OFF. Tap on the Bluetooth option to turn Bluetooth on.

🏄 Wireless Manager 📰 📢 11:03 🗙
All ()
Wi-Fi %
Off
Bluetooth
On
Copyright 2008 KBM Systems Ltd.
Done 🔤 Menu

Figure 3 :: Wireless Manager – Bluetooth Shown as ON



Windows	Mobile 5 –	Bluetooth	Configuration	n for	OBDKev
••••••••		Diactooth	Conngaration	1101	Obbicy

🏄 Wireless Manager 📰 📢 11:03 🗙
All ()
Wi-Fi 🕺
Bluetooth 🚯
On
Wi-Fi Settings
Bluetooth Settings Copyright 2008 KBM Systems Ltd.
Done 🔤 Menu

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

🔑 Settings 🛛 🖨 📢 11:03 ok
Bluetooth
 Turn on Bluetooth Make this device discoverable to other devices
Copyright 2008 KBM Systems Ltd
Mode Devices COM Ports Audio

Figure 5 :: Bluetooth Settings – Bluetooth shown as on as the check box next to "Turn on Bluetooth" has a tick in it. If the check box has no tick in it, tap the box once and a tick should appear.



🏄 Settings 🛛 🗮 📢 11:03 ok		
Bluetooth		
Tap New Partnership to scan for other Bluetooth devices. Tap on a device to modify its settings.		
New Partnership		
Mode Devices COM Ports Audio		

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

🏄 Settings 🛛 📰 📢 11:48 ok		
Bluetooth		
Tap New Partnership to scan for other Bluetooth devices. Tap on a device to modify its settings.		
New Partnership		
Delete		
Copyright 2008 KBM Systems Etd.		
Mode Devices COM Ports Audio		

Figure 5b :: 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 🛛 🗮 ┥€ 11:03
Select a Bluetooth Device 🛛 🔞
Scanning for Bluetooth Devices
Refresh Copyright 2008 KBM Systems Ltd. Cancel Next

Figure 6 :: Bluetooth Settings – Locating a Bluetooth Device

👭 Settings 🛛 🗱 📢 11:11	
Select a Bluetooth Device	0
Select a device to connect with and tap Next.	
OBDKey Pro	
Refresh Copyright 2008 KBM Systems Ltd.	
Cancel 🚟 Next	

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



🎢 Settings 🛛 📰 📢 11:11
Enter Passkey 💡
Enter a passkey to establish a secure connection with OBDKey Pro.
Passkey:
Copyright 2008 KBM Systems Ltd.
Tab q w e r t y u i 0 p[[]]
CAP a s d f g h j k l ; '
Shift $z \times c \vee b \cap m$,
Ctl áü`\\ ↓↑←→
Back 🔤 🔶 Next

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

🏄 Setting	ıs	# ◄€ 11:11
Enter Pass	key	0
	key to establisi ith OBDKey Pr	
Passkey:	****	Systems Ltd.
123 1 2 3	4 5 6 7	8 9 0 - = 🗲
Tab q w e	e r t y	u i o p []
	d f g h c v b n	j k l ; ' m , . / ←
Ctl áü 🔪		↓ ↑ ← →
Back	-	Next

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



📌 Settings	# ◀€ 11:12
Partnership Set	tings 💡
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	67890-= 🗲
Tab q w e r	tyuiiop[]]
CAP a s d f	g h j k l ; '
Shift z x c v	'b n m , . / ↔
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	#* -	€ 11:12
Partnership Sel	tings	8
Display Name:	OBDKey Pr	0
Select services to	use from this c	levice.
Serial Port		
Copyright 20		ems Ltd.
		<u></u>
Tab q w e r	<u> t y u i</u>	ob[]]
CAP a s d f	' g h j I	k I ; '
Shift Z X C	v b n m	7.1.1 ←
Ctl áü 🔪 🔪		↓ ↑ ← →
Back	*	Finish

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



🏄 Settings 🛛 😂 📢 11:12 ok
Bluetooth
Tap New Partnership to scan for other Bluetooth devices. Tap on a device to modify its settings.
New Partnership
OBDKey Pro
Copyright 2008 KBM Systems Ltd.
Mode Devices COM Ports Audio

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

Attings 🛛 👫 📢 11:12 ok
Bluetooth
To connect to a device, tap New Outgoing Port. To allow other devices to connect, tap New Incoming Port. For other options, tap and hold an existing port.
New Outgoing Port New Incoming Port Copyright 2008 KBM Systems Ltd.
Mode Devices COM Ports Audio

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



🕂 Settings	₩ 4 € 11:12	
Add a Device	?	
Select the device you war	nt to add	1
OBDKey Pro		
Copyright 2008 KB	M Systems Ltd.	
Cancel 🔤	Next	

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

👭 Settings	# ◀€ 11:12
Bluetooth	8
Port:	
COM6	-
Secure Connection	
Copyright 2008 KBI	M Systems I to
Back 🚟	

Figure 15 :: Bluetooth Settings –Port. 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 🛛 🗮 ┥€ 11:12 ok
Bluetooth
To connect to a device, tap New Outgoing Port. To allow other devices to connect, tap New Incoming Port. For other options, tap and hold an existing port.
OBDKey Pro (COM6) New Outgoing Port New Incoming Port
Copyright 2008 KBM Systems Ltd. Mode Devices COM Ports Audio

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.

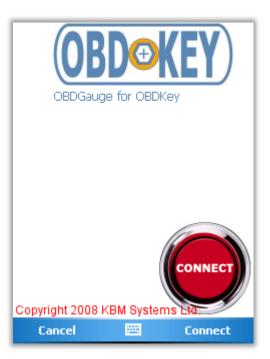


Figure 18 :: OBDGauge start screen. The OBDKey should be now connected to the vehicle and the ignition on. When ready, tap Connect (or the Connect image).





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

🏄 Preferer	nces 💦 🗱 📢 13	1:57 ok
Language:	English 🗸]
Units:	Metric 🗸]
Scan:	Displayed sensors 🗸]
Graph:	Line 🗸]
Port:	сом6 🗸	
Log:	COM1 COM2 COM3 COM4 COM5	
	COM6 COM7 COM8	Mode Mode
Copyright 2008 KBM Systems 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	# ◀€ 11:27
OBD)KEY)
Options	Cancel
OBDKey Connection COM6:. Reporting p	
Copyright 2008 P	KBM Systems Ltd.
About	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 Yj +€
101	
Throttle position	_100
99	
1	
Engine RPM	_0
-1	
256	
Vehicle speed (km/h)	255
254	
1	
Calculated load value %	_0
-1 Copyright 2008 KBM Syst	ems Ltd.
Menu 1 2 3 4 X	

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



🏄 Trouble Codes 👘		# ◀€ 11:25	ok
Active:	Pending:	Engine Lam	p:
	P2176 P0106	O On	
	P0123 P0222 =	🖲 Off	
	P0107 -	Clear	
Copyright 2	P0118	stems Ltd.	
Description	1:		
Manifold Absolute Pressure/Barometric Pressure Circuit Range/Performance Problem			
			-

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.