

Fixed Wireless Phone



PC Connectivity

Version 01 – October 2012





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2. Installation

The 3GPhone drivers should be installed BEFORE connecting the phone to the PC.

The latest 3GPhone drivers can be downloaded from: www.telecomfm.co.uk/support/3gphone.htm

2.1. Windows 7 / Vista

1. Browse to the folder containing the drivers and double-click the *3GPhone_Driver.exe* file. Depending on Windows settings the *User Account Control* dialog may be displayed:

🕑 Use	r Account Control	8
Û	Do you want unknown pul	to allow the following program from an blisher to make changes to this computer?
	Program name: Publisher: File origin:	3GPhone_Driver.exe Unknown Hard drive on this computer
🕑 s	how details	Yes No
		Change when these notifications appea

OR

User Account Control
In unidentified program wants access to your computer
Don't run the program unless you know where it's from or you've used it before.
3GPhone_Driver.exe Unidentified Publisher
Cancel I don't know where this program is from or what it's for.
→ <u>A</u> llow I trust this program. I know where it's from or I've used it before.
User Account Control helps stop unauthorized changes to your computer.

2. Click **Yes** or **Allow** to start the Installer





TelecomFM 3GPhone Drivers Installer			
k	Velcome to the TelecomFM GPhone Driver Install Utility is utility will install the 3GPhone drivers to your system.		
	< <u>B</u> ack Next > Cancel		

3. Click **Next** to install the drivers. The driver files will then be copied to the PC







4. If the Windows Security Warning is displayed click **Install this driver software anyway** to continue (this warning will be displayed three times since the phone driver package consists of three different drivers)



5. The *Installation Complete* screen will be shown when all of the drivers have been installed

TelecomFM 3GPhone Drivers Ir	nstaller			
	Installation Complete.			
	The drivers were successfully ins	stalled on this computer.		
	You can now connect your devi came with instructions, please re	ce to this computer. If your device ad them first.		
	Driver Name	Status		
	 ✓ TelecomFM Ltd (qcusbs ✓ TelecomFM Ltd (qcusbn ✓ TelecomFM Ltd (qcusbs 	Ready to use Ready to use Ready to use		
	< <u>B</u> ack	Finish Cancel		

6. Click **Finish** to close the Installer. The 3GPhone drivers are now installed on the PC.





7. Using the supplied USB cable connect the Micro-USB plug to the USB socket on the rear of the 3GPhone:



8. Connect the other end of the supplied USB cable to an available USB port on the PC:



9. If this is the first time that the phone has been connected to this port then the following message will be displayed:



Followed by:



10. The phone is now installed on the PC and ready for use.





2.2. Windows XP

1. Browse to the folder containing the drivers and double-click the *3GPhone_Driver.exe* file. The *Installer Welcome Screen will* be displayed

TelecomFM 3GPhone Drivers Installer				
	Welcome to the TelecomFM 3GPhone Driver Install Utility This utility will install the 3GPhone drivers to your system.			
	Reack News Carroel			

2. Click **Next** to install the drivers. The driver files will then be copied to the PC







3. If the Software Installation Warning is displayed click **Continue Anyway** to continue (this warning will be displayed three times since the phone driver package consists of three different drivers)

Software Installation				
<u>.</u>	The software you are installing has not passed Windows Logo testing to verify its compatibility with Windows XP. (<u>Tell me why</u> <u>this testing is important.</u>) Continuing your installation of this software may impair or destabilize the correct operation of your system either immediately or in the future. Microsoft strongly recommends that you stop this installation now and contact the software vendor for software that has passed Windows Logo testing.			
	Continue Anyway STOP Installation			

4. The *Installation Complete* screen will be shown when all of the drivers have been installed



5. Click **Finish** to close the Installer. The 3GPhone drivers are now installed on the PC.





6. Using the supplied USB cable connect the Micro-USB plug to the USB socket on the rear of the 3GPhone:



7. Connect the other end of the supplied USB cable to an available USB port on the $\ensuremath{\mathsf{PC}}$:



8. If this is the first time that the phone has been connected to this port then the following message will be displayed:



Followed by:







9. Select Install the software automatically and click Next

10. The *Hardware Installation* warning is displayed:

Har dwa	re Installation
<u>.</u>	The software you are installing for this hardware: TelecomFM HS-USB NMEA 9000 has not passed Windows Logo testing to verify its compatibility with Windows XP. (<u>Tell me why this testing is important.</u>) Continuing your installation of this software may impair or destabilize the correct operation of your system either immediately or in the future. Microsoft strongly recommends that you stop this installation now and contact the hardware vendor for software that has passed Windows Logo testing.
	Continue Anyway

Click **Continue Anyway**. The Completing the Wizard page is displayed:

Found New Hardware Wiz	Completing the Found New Hardware Wizard The wizard has finished installing the software for: TelecomFM HS-USB NMEA 9000
	Click Finish to close the wizard.
	< <u>B</u> ack Finish Cancel

- 11. Click **Finish** to close the wizard.
- 12. Repeat steps 8 11 for each device that is found (there are 5 devices). Once complete the following message will be displayed:



13. The phone is now installed on the PC and ready for use.





3. Connect to the Internet

Before beginning ensure that the 3GPhone has a data enabled SIM inserted, is powered up and has been connected to the PC and installed by following the instructions in section 2.

The Access Point Name (APN) for the mobile network is required. If this is not known, request this information from your mobile network provider.

3.1. Windows 7 / Vista

1. Click on the Start menu, Control Panel



2. Click on Hardware and Sound







3. Click on Device Manager



4. Expand the Modems category and double-click on TelecomFM HS-USB Modem 9000



5. Click on the **Advanced** tab





TelecomFM HS-US	B Modem 9000	Propert	ties	X
Driver	Details		Power N	lanagement
General	Modem	Dia	agnostics	Advanced
Extra Settings Extra Extra Extra initialization commands: at+cgatt=1;+cgdcont=1,"IP","apn" Initialization commands may lead to the exposure of sensitive information in the modem log. Consult your modem's instruction manual for more details.				
	Chang	vanced ge <u>D</u> efa	Port Settings ult Preferences. OK	

Under Extra initialisation commands enter the following text exactly as it appears here:

at+cgatt=1;+cgdcont=1,"IP","apn"

where **apn** is the access point name provided by the Network operator (for example, the **apn** for the O2 UK network is **mobile.o2.co.uk** and the **apn** for the Orange UK network is **orangeinternet**)

Click the \mathbf{OK} button to close the Modem properties dialog box and then close the Device Manager.

6. From the Control Panel, click Network and Internet

Click Network and Sharing Centre.







7. Click Set up a new connection or network:







8. Select "Connect to the Internet" and click **Next**:



9. Click Dial-up:

Connect to the Internet	
How do you want to connect?	
Wireless Connect using a wireless router or a wireless network.	
Broadband (PPPoE) Connect using DSL or cable that requires a user name and password.	
Dial-up Connect using a dial-up modem or ISDN.	
Help me choose	
	Cancel

10. In the phone number box enter the following:

*99***1#

If your network provider requires a username and password enter them. Enter a "connection name" of "3GPhone" to identify the connection:





Connect to the Internet	NAME Hadge which	
Type the information fro	m your Internet service provider (ISI	Р)
Dial-up phone number:	*99***1#	Dialing Rules
<u>U</u> ser name:	internet	
<u>P</u> assword:	•••••	
	Show characters	
Connection <u>n</u> ame:	3GPhone	
😗 🔲 <u>A</u> llow other people to us	e this connection	
This option allows anyo	ne with access to this computer to use this con	nection.
I don't have an ISP		
		Connect Cancel

11. Click **Connect** – you should then see the connection dialling, your computer being registered, the internet connection testing and finally the Connected dialog:

Connect to the Internet	
The connection to the Internet is ready to use	
· · · · · · · · · · · · · · · · · · ·	
To connect to the Internet next time, left-click the network icon in the taskbar and click the connection you just created.	
	Close

12. Click **Close**. Installation is now complete.





3.2. Windows XP

1. Click on the **Start** menu, **Control Panel**. Double-click the "Phone and Modem Options":

🚱 Control Panel						X
<u>File Edit View Favorites Iools</u>	<u>H</u> elp					
🌀 Back - 🌍 - 🏂 🔎 Se	earch 😥 Fo	Iders				
Address 🚱 Control Panel					 > 	Go
Control Panel	and a		格		1	^
Switch to Category View	Game Controllers	Intel(R) GMA Driver for	Internal NIC Configuration	Internet Options	Keyboard	
See Also		C		1	< 🖍	
🍓 Windows Update	Mail	Mouse	Network Connections	Phone and Modem	Power Options	
Help and Support		Q	0		9	
	Printers and Faxes	QuickTime	Regional and Language	Scanners and Cameras	Scheduled Tasks	~
Configure your telephone dialing rules and	modem settings					

Note: If the screen displayed differs to that shown here click **Switch to Classic View**

 Click on the "Modems" tab. Select the "TelecomFM HS-USB Modem" and click the Properties button:

Phone and Modem Options	? 🛛
Dialing Rules Modems Advanced	
The following modems are installed:	
Modem	Attached To
TelecomFM HS-USB Modem 9000 #2	COM16
Add	emove <u>Properties</u>
OK (Cancel Apply







3. Click on the "Advanced" tab. Under Extra initialisation commands enter the following text exactly as it appears here:

at+cgatt=1;+cgdcont=1,"IP","apn"

where **apn** is the access point name provided by the Network operator (for example, the **apn** for the O2 UK network is **mobile.o2.co.uk** and the **apn** for the Orange UK network is **orangeinternet**)

eneral N	lodem	Diagnostics	Advanced	Driver	Power Managemen
Extra Se	ttings				
Extra in	itializatio	n commands:			
at+co	att=1:+c	adcont=1.''IP'	"."apn"		
		,	·		
			<u>A</u> dvanced Po	ort Setting	38
			<u>Advanced Pr</u> ange <u>D</u> efault	ort Settin	gs

Click the ${\bf OK}$ button to close the Modem properties dialog box and then click ${\bf OK}$ to close the Phone and Modem Options dialog box.

4. From the Control Panel, double-click **Network Connections**:







5. Click **Create a new Connection**. The New Connection Wizard will be displayed, click **Next** to continue:

New Connection Wizard	
S)	Welcome to the New Connection Wizard
sw [/	This wizard helps you:
	Connect to the Internet.
103	 Connect to a private network, such as your workplace network.
	To connect to a wireless network, view wireless networks in range.
	To continue, click Next.
	< Back Next > Cancel

6. Select "Connect to the Internet" and click Next:



7. Select "Set up my connection manually" and click **Next**:





New Connection Wizard
Getting Ready The wizard is preparing to set up your Internet connection.
How do you want to connect to the Internet?
O Choose from a list of Internet service providers (ISPs)
Set up my connection manually
For a dial-up connection, you will need your account name, password, and a phone number for your ISP. For a broadband account, you won't need a phone number.
OUse the <u>C</u> D I got from an ISP
< <u>B</u> ack <u>N</u> ext> Cancel

8. Select "Connect using a dial-up modem" and click **Next**:

New Connection Wizard
Internet Connection How do you want to connect to the Internet?
Oconnect using a dial-up modem ■
This type of connection uses a modern and a regular or ISDN phone line.
Connect using a broadband connection that requires a user name and password
This is a high-speed connection using either a DSL or cable modem. Your ISP may refer to this type of connection as PPPoE.
Connect using a broadband connection that is <u>always</u> on This is a high-speed connection using either a cable modem, DSL or LAN connection. It is always active, and doesn't require you to sign in.
< <u>B</u> ack <u>N</u> ext> Cancel





9. Enter a name to identify the connection and click **Next**:

New Connection Wizard
Connection Name What is the name of the service that provides your Internet connection?
Type the name of your ISP in the following box. ISP N <u>a</u> me
3GPhone
The name you type here will be the name of the connection you are creating.
< <u>B</u> ack <u>N</u> ext > Cancel

10. Enter the following in the Phone number box and click **Next**:

*99***1#

Phone Number to Dial What is your ISP's ph	none number?
Type the phone numb	ber below.
Phone number:	
*99***1#	
You might need to you need the extr hear a modem sou	o include a "1" or the area code, or both. If you are not sure ra numbers, dial the phone number on your telephone. If you und, the number dialed is correct.





11. Select whether this connection should be available to all users of the computer and click **Next**:

New Connection Wizard
Connection Availability You can make the new connection available to any user or only to yourself.
A connection that is created for your use only is saved in your user account and is not available unless you are logged on.
Create this connection for:
O Anyone's use
<u>◯ M</u> y use only
< <u>B</u> ack <u>N</u> ext > Cancel

12. If your network provider requires a username and password enter them. Click **Next**:

New Connection Wizar	d
Internet Account Info You will need an acc	rmation ount name and password to sign in to your Internet account.
Type an ISP account safe place. (If you ha	name and password, then write down this information and store it in a ve forgotten an existing account name or password, contact your ISP.)
<u>U</u> ser name:	internet
Password:	•••••
<u>C</u> onfirm password:	••••••
Use this account this computer	name and password when anyone connects to the Internet from
<mark>₩</mark> ake this the def	ault Internet connection
	<u> < </u> Back <u>N</u> ext > Cancel





13. Tick the box to add a shortcut to the connection on the desktop and click **Finish**:

New Connection Wizard	
	Completing the New Connection Wizard You have successfully completed the steps needed to create the following connection: 3GPhone • Make this the default connection • Share with all users of this computer • Use the same user name & password for everyone
	The connection will be saved in the Network Connections folder. Add a shortcut to this connection to my desktop To create the connection and close this wizard, click Finish.
	< <u>B</u> ack Finish Cancel

Installation is now complete.





4. Outlook Contact Synchronisation

It is possible to transfer contacts between the 3GPhone phonebook and Microsoft Outlook. The **Outlook Sync** application is required which can be downloaded from:

www.telecomfm.co.uk/support/3gphone.htm

4.1. Installation

1. Double-click the **Outlook Sync Setup** installer. If the "User Account Control" warning is displayed click **Yes** to continue:

😌 User Account Control		
Do you want to allo unknown publisher	w the following program from an to make changes to this compute	r?
Program name: Outlo Publisher: Unkn File origin: Hard o	ok Sync Setup V3.6.exe D wn drive on this computer	
Show details	Yes No	
	Change when these notifications ap	pear
遏 Outlook Sync		×
Be outdok sync	Welcome to Outlook Sync Setup program. Outlook Sync on your computer. It is strongly recommended that you exit all before running this Setup Program. Click Cancel to quit Setup and close any p running. Click Next to continue with the S WARNING: This program is protected by o international treaties. Unauthorized reproduction or distribution of portion of it, may result in severe civil and the will be prosecuted to the maximum extent p	This program will install Windows programs programs you have etup program. copyright law and of this program, or any criminal penalties, and possible under law.
	(<u>N</u> ext :	Cancel

2. Click Next





😼 Outlook Sync		×
Destination Location		Ó
Setup will install Outlook Sync in the follo	wing folder.	
To install into a different folder, click Brow	vse, and select another folder.	
You can choose not to install Outlook Syr	nc by clicking Cancel to exit Se	tup.
- Destination Folder		
C:\Program Files\Outlook Sync		Browse
Wise Installation Wizard®	< Back	Cancel

3. Select the folder to install the application to and click Next

😼 Outlook Sync	—
Start Installation	
You are now ready to install Outlook Sync.	
Click the Next button to begin the installation of information.	or the Back button to reenter the installation
Wise Installation Wizard®	< Back (Next) Cancel

4. Click **Next** to begin the installation. The application will be installed to the PC and shortcuts created in the Start menu and on the Desktop.





😼 Outlook Sync		X
	Outlook Sync has been successfully installed. Click the Finish button to exit this installation.	
	< <u>B</u> ack <u>Finish</u> Ca	ncel

5. Click the **Finish** button to close the installer.





4.2. Copy Contacts from Outlook to the Phone

Before use ensure that the phone drivers have been installed and then connect the 3GPhone to the PC using the USB cable.

Start the Outlook Sync application from the shortcut on the desktop or in the Start Menu.

Outl	ook Sync (V3.6)					- ×
Out	ook Contacts List				Add	ltems
ID	NAME				ID	NAME
1	Alan Smith	Name:	Alan Smith	Add >>	1	Alan Smith
2	Bob Jones				3	Carol Jenkins
3	Carol Jenkins	Mohile Phone:	07000123456	Del <<	0	
4	Danny Ball	mobile i none.	07900123430			
		Home Phone:	0208456987	Update		
		Office Phone:	012345678	Sync		
					-	
		Addr.:				
-		r			_	
		Email:				
_						
		1				

The Outlook Contact list will be automatically read.

The list on the left shows the current Outlook Contacts list

The list on the right shows the Contacts that have been selected to transfer to the phone

Add	select contact(s) in the Outlook Contacts list and click the Add button to copy to the list of contacts ready to be transferred to the phone. Multiple contacts can be selected by holding down the Shift key.
Del	select contact(s) in the right list and click the Del button to remove from the list of contacts to be transferred to the phone
Update	reads the contact list from Outlook again
Sync	Transfers all of the contacts in the right list to the phonebook on the connected telephone.





4.3. Copy Contacts from the Phone to Outlook

Before use ensure that the phone drivers have been installed and then connect the 3GPhone to the PC using the USB cable.

Start the Outlook Sync application from the shortcut on the desktop or in the Start Menu.

Click on the **Mobile** button

Outle	ook Sync (V3.	6) - Conn	ected			- 25	- ×
(DutLook	Mobil	e				? Help
Mob	ile PB List					Add	ltems
ID	NAME	S/M				ID	NAME
1	Alan Smith	м	Name:	Carol Jenkins	Add >>	2	Carol Jenkins
2	Carol Jenkins	М					
-			Mobile Phone:	071454236547	Del <<		
					_		
-			Home Phone:	0578426952	Update		
			Office Phone:	0142369845	Sync		
			Addr.:			_	
-							
			Email:				
_						-	
-						_	

The phonebook will be read from the connected 3GPhone.

The list on the left shows the current phone Phonebook

The list on the right shows the Contacts that have been selected to transfer to Outlook

Add select contact(s) in the Phonebook list and click the Add button to copy to the list of contacts ready to be transferred to Outlook. Multiple contacts can be selected by holding down the Shift key.
 Del select contact(s) in the right list and click the Del button to remove from the list of contacts to be transferred to Outlook
 Update reads the phonebook from the connected phone again
 Sync Transfers all of the contacts in the right list to Outlook.





5. Outlook Dial

Before use ensure that the phone drivers have been installed and then connect the 3GPhone to the PC using the USB cable.

It is possible to dial Outlook contacts directly from within Microsoft Outlook using the 3GPhone.

1. Open Microsoft Outlook and go to the Contacts folder

My Contacts	earch Contacts (Ctrl+E)		🔎 Ala - D	an
Suggested Contacts	Alan Smith	Bob Jones	-	123
	Alan Smith 012345678 Work 07900123456 Mobile 0208456987 Home	Bob Jones 0189654785 Work 07125478965 Mobile 036547865 Home	Ŧ	ab cd ef gh ij kl
	Carol Jenkins	Danny Ball		ор
Mail Calendar Contacts	Carol Jenkins 0142369845 Work 071454236547 Mobile 0578426952 Home	Danny Ball 018563275 Work 0742369852 Mobile 0365214785 Home		qr st uv wx yz

2. Right-click on the contact that you wish to dial and select the **Call** option. The New Call dialog will be displayed.

Number to	o dial		
<u>C</u> ontact:	Alan Smith	Open Contact	
Number:	012345678	Dialing Properties	
	Create new Journal Entry when star	ting new call	
Call status	s: On hook		





3. Click on the **Dialing Options** button and under "Connect using line" select **TelecomFM HS-USB Modem**

Dialing Options				×
Settings for speed dialing				
<u>N</u> ame	Phone n <u>u</u> mber			
			•	Add
Name	N	umber		Delete
			-	
Settings for phone number f	ormatting and dialing			
Automatically add countr	y/region code to local	phone numbers		
Dialing Properties				
Connect using line				
TelecomFM HS-USB Modem	9000		Line	Properties
				Canad
			ж	Cancer

Click **OK** to return to the New Call dialog.

- 4. Click the **Start Call** button to dial the call. The call can then be carried out normally using either the phone's handset, handsfree function or by using an attached headset.
- 5. The call can be ended normally on the phone or by pressing the End Call button from the Outlook New Call dialog.