



GTECH104
Wireless Broadband Business System



User Manual

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General Information

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Customers shall comply with all applicable export or import laws and regulations and will obtain all necessary governmental permits and licenses in order to export, re-export or import the product mentioned in this manual including the software and technical data therein.

General Information

IMPORTANT NOTICE

The GTECH Wireless Broadband Business System is not a mobile phone. As such please note the following in relation to the operation of the equipment.

1. In accordance with Australian and International regulatory standards, the user should operate the device whilst remaining a distance of 25 cm from the main phone unit.
2. This product has been designed to receive incoming and make outgoing calls on a GSM network, and whilst it operates in a similar manner to a mobile phone certain functions such as SMS Alphanumeric address is not available.

Getting Started

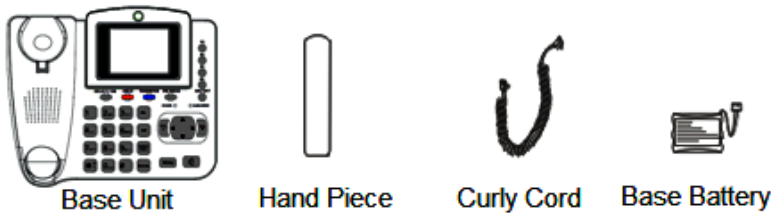
Introduction to your GTECH104 (Wireless Broadband Business System)

Welcome

Congratulations on your new purchase. Before you start using your GTECH104, make sure the On/Off switch is in the Off position. Do not turn on the phone until the following has been completed.

Getting Started

Check the contents of the box, you should have the following.



Base Charger



Quick Reference
Guide



Manual

Optional



Cordless Handset



Cordless Cradle



Cordless Charger



Cordless
Battery

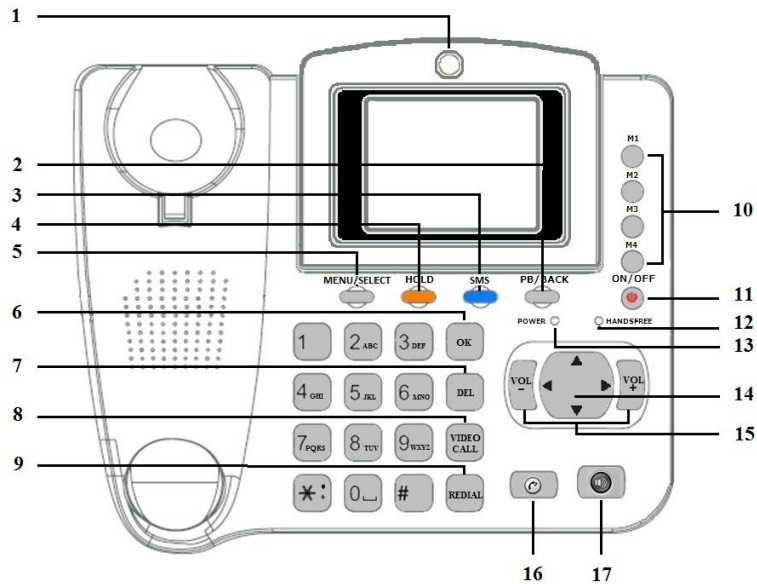
Getting Started

Technical Information

Dimensions (W x D x H)	230mm x 190mm x 75mm
Weight	1.8Kg
Mounting Mode	Desktop or Wall Mounted
Input Voltage	AC: 100 – 240V 50-60Hz 0.25A Output: 5V AC, 1000mA Standby Time: 48Hrs Talk Time: 3Hrs
Battery	Type: Li-ion Voltage:5V Capacity :1000mAh
Ambient Temperature	- 10°C - 60°C
Storage Temperature	-20°C - 80°C
Relative Humidity	5% - 95%
Working Frequency	UTMS (850 or 900)/1900/2100 Mhz GSM 850/900/1800/1900

Getting Started

Front View



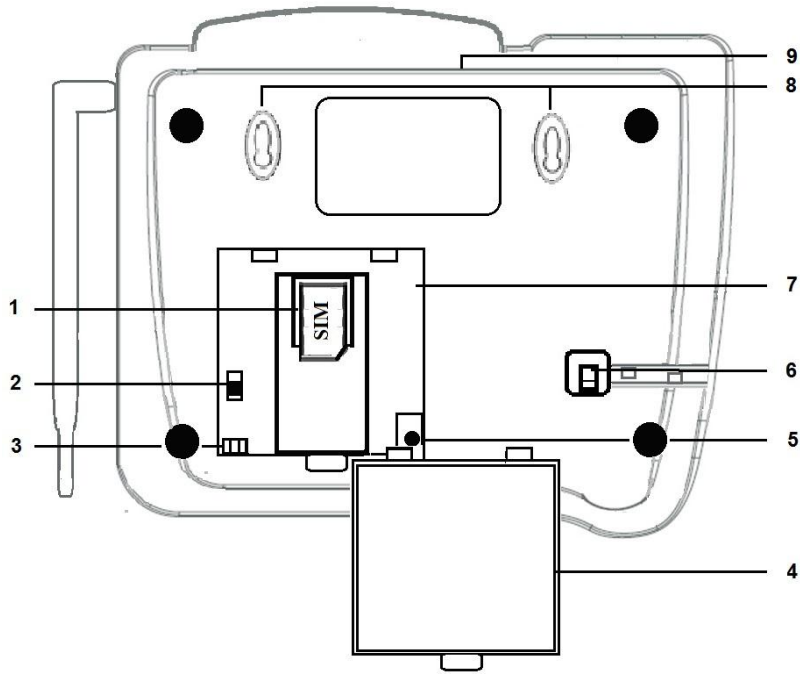
No	Item	Description
1	CAMERA	
2	P.B/BACK	<ul style="list-style-type: none"> Access Contacts/Phonebook in standby mode Select option displayed in the lower right hand corner of the screen.
3	SMS	Access the Messages menu
4	HOLD	Place a call on Hold.
5	MENU/SELECT	<ul style="list-style-type: none"> Access the Main Menu in standby mode. Select option displayed in the lower left hand corner of the screen.

Getting Started

No	Item	Description
6	OK	Select option displayed in the lower right hand corner of the screen.
7	DEL	In sms edit mode, deletes the character before the cursor.
8	VIDEO CALL	Make a Video Call.
9	REDIAL	Redial the last number called.
10	SHORTCUT KEYS	Speed dial a phone number.
11	ON/OFF	Turn the phone On or Off.
12	HANDSFREE INDICATOR	Indicates if a call is being made or received hands free.
13	POWER INDICATOR	Indicates if the power adapter is plugged in.
14	SCROLL KEY	Scroll to access Menu and Sub Menus
15	VOLUME KEYS	Adjust the volume during a call.
16	SEND	Initiate a dial.
17	SPEAKER	Make or receive a call without lifting the hand piece.

Getting Started

Rear View



No	Item
1	SIM Card Slot
2	ON/OFF
3	BATTERY CONNECTION
4	BATTERY/SIM CARD COVER
5	WIFI RESET SWITCH
6	HAND PIECE JACK (CONNECTION)
7	BATTERY CONTAINER
8	WALL MOUNT BRACKETS
9	POWER JACK (CONNECTION)

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Getting Started

Icons

Icons	Description
	Network Signal Strength
	Message Received
	Voice Mail Received
	Missed Call
	Standard Profile
	Meeting Profile
	Silent Profile
	3G Network
	Battery Power Level



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Getting Started


Menu Tree

Profile	Tools	Call Log	Messages
Standard	Alarm	Missed Calls	New
Meeting	Calculator	Outgoing Calls	Inbox
Silent	World Time	Incoming Calls	Outbox
New Profile	Browser	All Calls	Sent
	Calendar	Data Transmission	Drafts
		Call Duration	Cell Broadcast
			Templates
			Settings
Contacts	Settings		
All	Display Settings		
Group	Phone Settings		
	Call Settings		
	Network Settings		
	Security		
	Connection		
	Memory Status		
	Reset Settings		

Using the Menu

1. In Standby mode, press the **Menu/Select** key to display the main menu.
2. Press the  scroll key to move around the menu options, and press the  key to select items.

Getting Started

3. If the menu contains submenus, repeat Step 2.
4. Follow the prompts on the screen to select desired function.
5. Press the P.B./BACK key to return the previous menu.
6. Press the  key to return to standby mode.

Getting Started

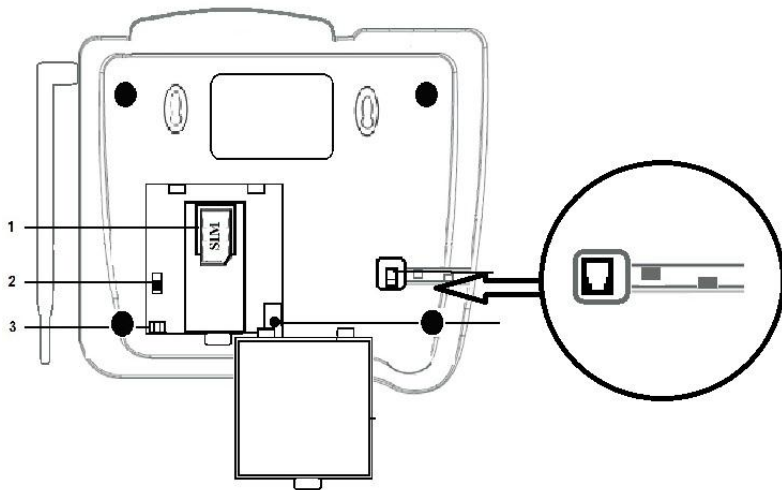
Installation

WARNING!!!! IMPORTANT INFORMATION ON SAFE AND EFFICIENT OPERATION OF THE GTECH104, PLEASE READ AND COMPLY WITH THE FOLLOWING INFORMATION BEFORE USING YOUR PHONE.

Please note, failure to follow the following steps can result in damage to the phone and therefore void any warranty on the product.

Handset Connection

- Connect the hand piece to the handset connection located on the base of the phone as shown in the following figure.

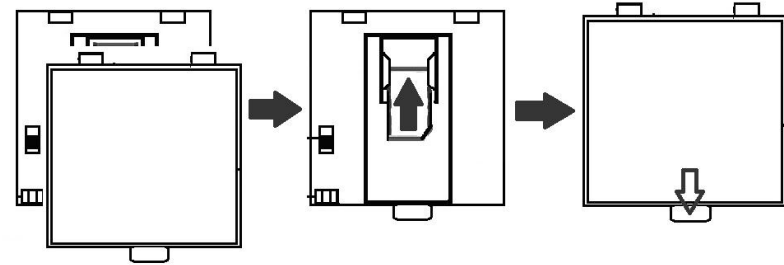


Getting Started

Installing SIM

WARNING!!!! The SIM card and its golden contact can be easily damaged by a scratch or bend. Be careful when installing or removing the SIM card.

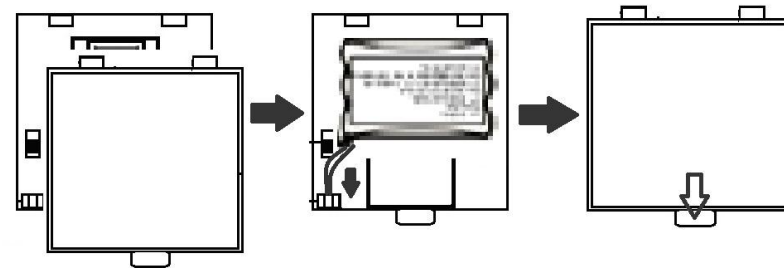
Power off the device and remove the power supply cable. Install the SIM card according to the following figure. Make sure that the golden contact on the SIM card is facing downwards.



Installing the Battery

Warning: New batteries for the units are shipped partially charged. Before you start using the GTECH104, you will need to charge the batteries for at least 12 – 16 hrs.

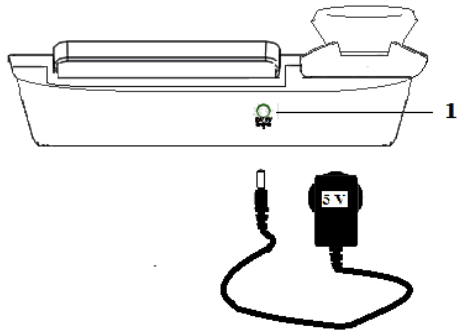
Power off the device and remove the power supply cable. Install the battery according to the following figure. Make sure you clip the pins into the connector correctly




Getting Started (Base Unit)

External Power Adapter


- Insert the power adapter into the power jack labeled **DC 5V**, and plug it into a power source.



Turning the phone On

- Press and hold the  key for 5 seconds to turn the phone on, the display lights up, and the phone is now on.


Turning the phone Off

- Press and hold the  key for 5 seconds to turn the phone off, the display goes off, and the phone is now off.


Using the Phone

Making Calls

Making a Voice Call

Pick up the hand piece and dial the number. Press , or wait 3 seconds for the call to connect.


Making a Video Call

Pick up the hand piece and dial the number. Press  to initiate a video call. Note: Video Calls can only be made between two GTECH104 devices, and provided a 3G service is available.


Answering a Call / Ending a Call

Pick up the hand piece to receive the call. Hang up the hand piece to end the call.

Redial



Pick up the hand piece and press the  key to dial the last number.

Handset Receiver Volume


During a call, you can adjust the volume by pressing the  key adjust accordingly.

Speakerphone Calls



Making a call using the Speakerphone

Press the  key and dial the number, press , or wait 3 seconds for the call to connect.

Receiving a call using Speakerphone

Press the  key for the call to be transferred to the loudspeaker. To switch the Speakerphone off, and return to the hand piece at anytime, pick up the hand piece.

Putting a Call on Hold

To place an active call on hold, press the  button. Press the  button again, to return to the call.


Using the Phone

Message

Input Modes



Note:

- Press the * key to display a list of Symbols.
- Press the # key to switch between input modes and or language (**ABC, abc, 123, preABC, preabc**)
- Press the  key to Delete, the character in front of the cursor.
- Press the "0" key to insert a space.

Predictive Text

Press each key with the desired letter once, and the predictive text will present you with available words.



Traditional Input Method

Press the # Key to select either Upper Case or Lower Case mode, and then press the key with the desired letter repeatedly till the letter appears on the screen.

"123" Numeric Input Method

In Edit mode, press and hold the key with the desired number till it appears on the screen.

Symbol Input Method




In Edit mode, press the * key to display a list of symbols. Use the  scroll key to scroll through the list of symbols, and press the  key to select the one you want.

Inputting Different Languages



Press the # Key to select the language. Press each key with the desired letter once, and the predictive text will present you with available words.

Using the Phone

Creating a Message

1. Select **Messages > New** and press the  key to start writing a message.
2. Use the keypad to enter the message.
3. In the message editing screen, select **Options** to perform the operations in the operation list.
4. After editing the message, press the  key to add a recipient's number.
5. Press the  key to send the message.

Viewing a Message

1. Select **Menu > Messages > Inbox**.
2. Press the  scroll key to scroll through the messages.
3. Press the  key to view the selected message.
4. Select **Options (Menu/Select)** to Reply, Delete, Call, Extract, or Move to Mobile.

Using the Phone

Data Service

Connect via USB

Setting Up a Mobile Broadband Connection via USB


Your **GTECH104** allows you to connect your computer to the internet over the 3G mobile network.

System Requirements

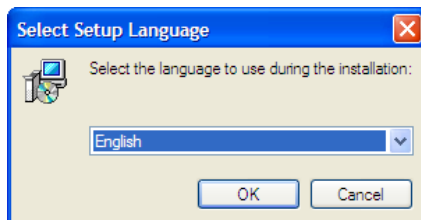
To use the **GTECH104** and the Mobile Connect Software, you need :

- A computer running Microsoft Windows XP or 2000.
- At least 100 MB free disk space and 256 MB RAM
- A USB socket
- Administration rights on your computer

Start by connecting the supplied USB cable to your Phone and PC.

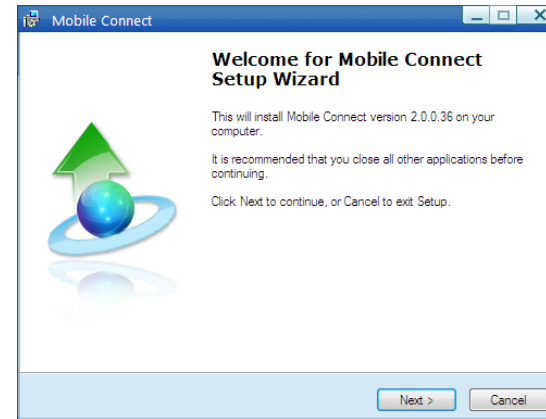
The first time you connect the **GTECH104** to your PC, the phone will display “**Dial up**”, press the  key, and the software setup should start automatically.

On your PC, Select **English** from the dropdown box, and click the **OK** button to proceed.

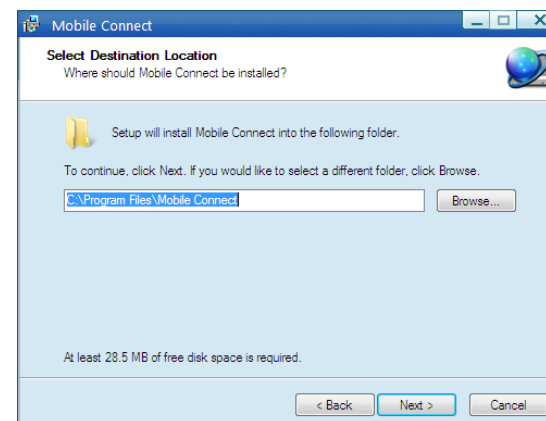


Using the Phone

Click the **Next** button to proceed.

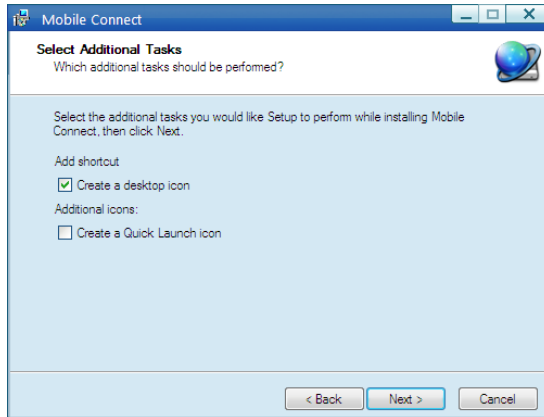


Leave the destination folder as default, and click the **Next** button to proceed.

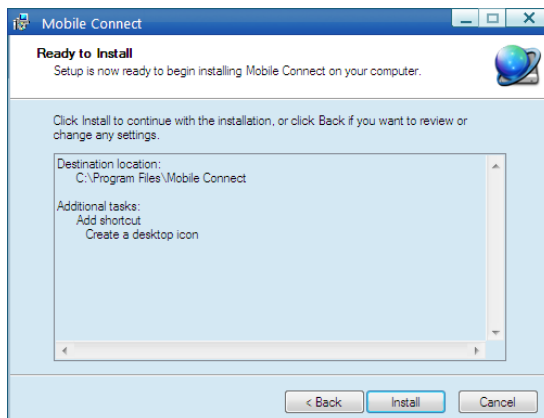


Using the Phone

Click the **Next** button to proceed.

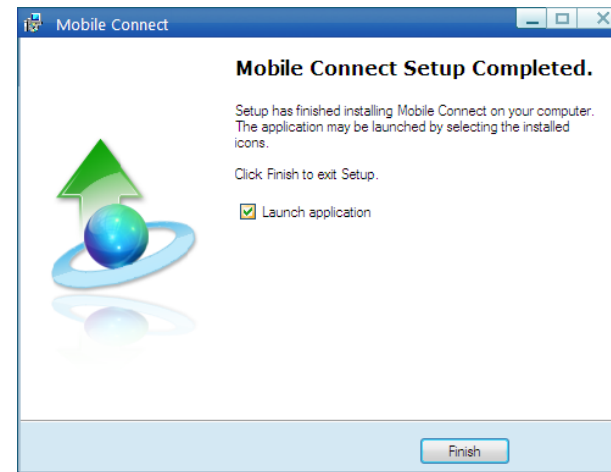
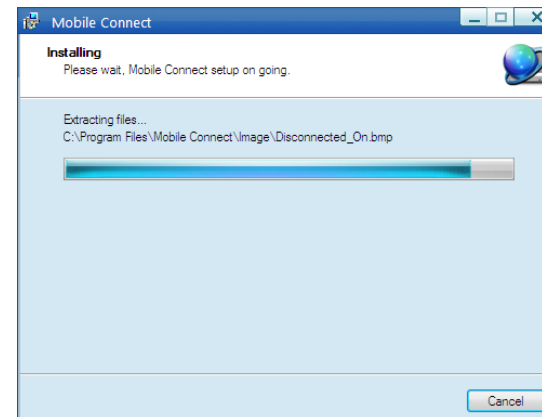


Click the **Install** button to start the installation.



Using the Phone

Click the **Finish** button to complete the installation. You are now ready to Browse the Internet.



Using the Phone



Note: You may need to unplug and re-plug the USB from the phone for the device to be recognized by the Mobile Connect Software.

Click **Connect** in the Mobile Connect Panel, this will enable access across the mobile phone network.



Using the Phone

Connect via WiFi

Setting Up a Mobile Broadband WiFi Connection

Your **GTECH104** allows you to connect your computer via a WiFi hotspot to get internet access over the 3G mobile network.



System Requirements

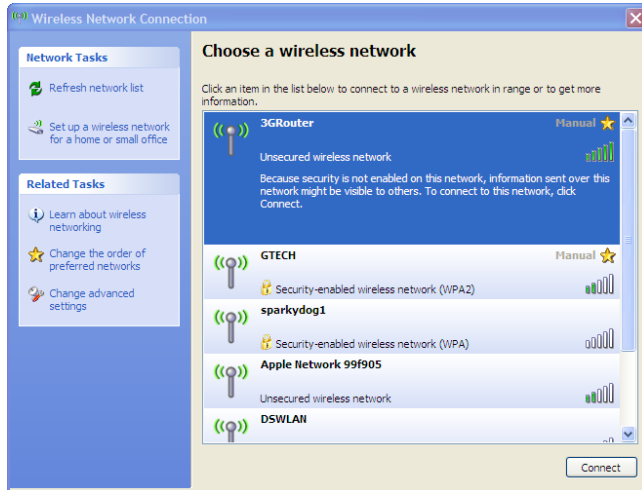
To use the GTECH104 and the WiFi Connectivity, you need :

- A computer running Microsoft Windows XP or 2000.
- A computer with built-in wireless networking support or a wireless network adapter
- Make sure that the supplied power adapter (5V) is plugged into the back of the unit, as it needs minimum current for the WIFI to work.

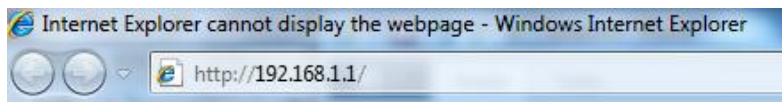
Using the Phone

Router Configuration

1. Ensure the WiFi is enabled on your device (PC/Smartphone/gaming console)
2. Scan for wireless networks in your area and connect to the network labelled **"3GRouter"**



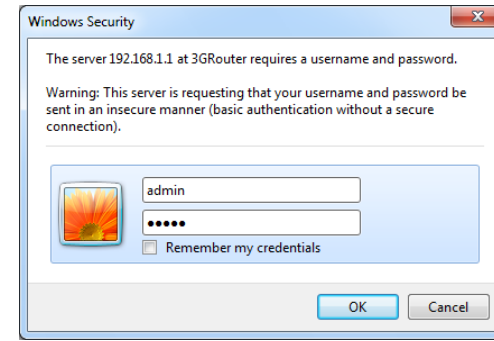
3. After establishing a wireless connection, open your Web browser and type in **http://192.168.1.1** into the address bar at the top of the web browser window and press **"Enter"**



You will be prompted with a popup window, requesting a Username and Password.

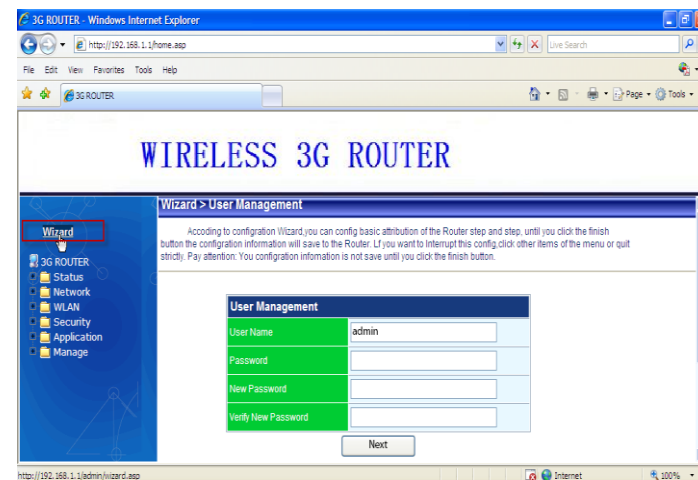
Using the Phone

4. Enter **admin** as the username and password, and click **OK** to continue.



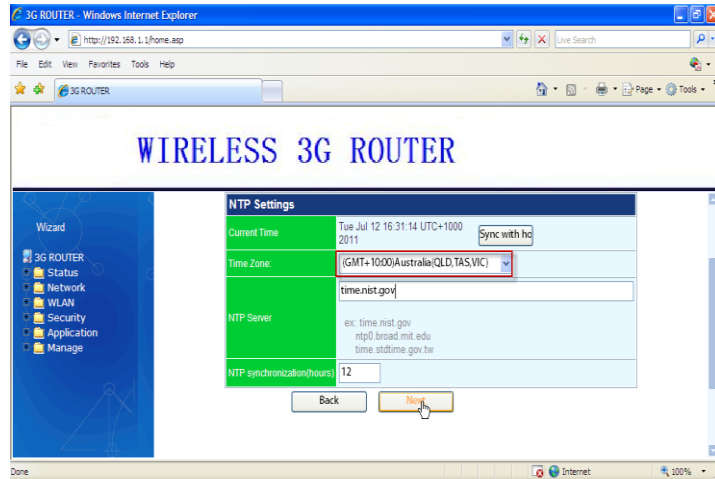
The following web page will be displayed when you log in successfully.

5. Click the **"Wizard"** option on the top left hand corner of the screen and click **Next** to continue.



Using the Phone

6. Select your Time Zone, and click **Next** to continue.



7. Select **3G Mode** as your WAN Mode.



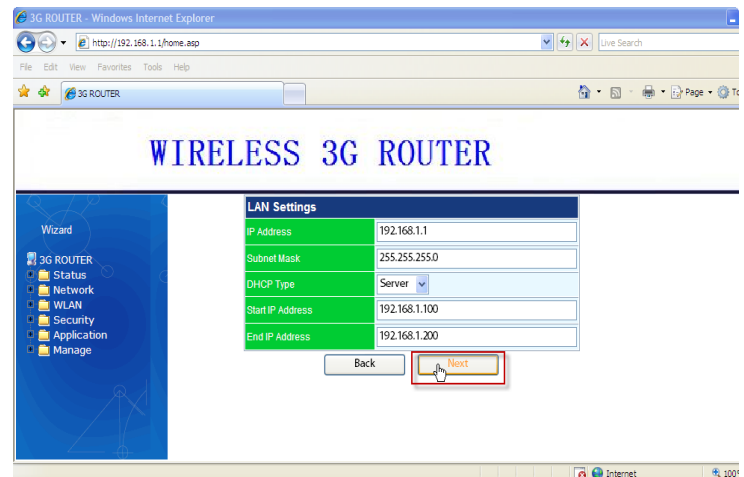
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Using the Phone

8. Click "**Operator Info**", to select the 3G service details, or manually enter details supplied by your 3G service provider. Make sure it is correct before clicking **Next** to continue.



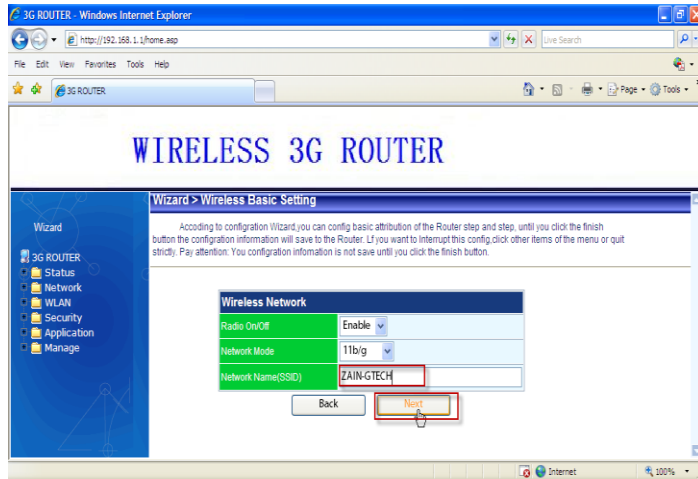
9. Keep the default LAN settings and click **Next** to continue.



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Using the Phone

- Enter a new SSID under Network Name, and click **Next** to continue.



- Enter a wireless Security Password to protect your wireless connection from any unauthorized access. Click **Finish** when done, the 3G Router will now reboot to register settings. Wait for a few minutes before attempting to connect to it again.

Wizard > Wireless Security Setting

According to configuration Wizard, you can config basic attribution of the Router step and step, until you click the finish button the configuration information will save to the Router. If you want to interrupt this config, click other items of the menu or quit strictly. Pay attention: You configuration information is not save until you click the finish button.

"MIFI-H1"	
Security Mode	WPA-PSK
WPA	
WPA Algorithms	<input checked="" type="radio"/> TKIP <input type="radio"/> AES <input type="radio"/> AUTO
Pass Phrase	88886666
Key Renewal Interval	3600 seconds
<input type="button" value="Back"/> <input type="button" value="Finish"/>	

Warnings and Precautions

IMPORTANT INFORMATION ON SAFE AND EFFICIENT OPERATION, READ THIS INFORMATION BEFORE USING YOUR PHONE.

Safety

Exposure to Radio Frequency (RF) Energy

Your phone contains a transmitter and a receiver. When it is ON, it receives and transmits RF energy. When you communicate with your phone, the system handling your call controls the power level at which your phone transmits.

RF Energy Interference/Compatibility

Nearly every electronic device is susceptible to RF energy interference from external sources if inadequately shielded, designed, or otherwise configured for RF energy compatibility. In some instances your phone may cause interference.

Medical Devices

- Radio signals transmitted from the unit may cause interference to hearing aids.
- It is recommended that if you have a pacemaker fitted you check with a medical expert before using this product.

Other

- Radio signals transmitted from the unit may cause interference to electrical equipment, such as TV's, Microwave, Computers etc. It is recommended that the unit be placed at least one meter away from such appliances.

Cleaning

- Make sure the unit is off and the charger is not plugged in before cleaning the unit.
- Use a damp cloth or anti-static wipe to clean. Never use household polish as this may damage the product and could void warranty.

Warnings and Precautions

Environmental

- Only use the power supply suitable for the GTECH range. Using an unauthorized power supply will invalidate your warranty and may damage the telephone.
- Do not expose unit to direct sunlight.
- Do not expose the unit to fire, explosive or other hazardous conditions.
- The earpiece/mouthpiece region on the handset can attract and retain small metallic objects.

Battery and Charger

- Unplug the charger from the electrical plug and the device when not in use.
- Do not disassemble the battery or solder the battery poles, it may lead to electrolyte leakage, overheating, fire, or explosion.
- If battery electrolyte leaks out, ensure that the electrolyte does not touch your skin and eyes. If the electrolyte touches your skin or splashes into your eyes, wash your eyes with water immediately and consult a doctor.
- If there is a case of battery deformation, colour change, or abnormal heating while you charge or store the battery, remove the battery immediately and stop using it. Otherwise, it may lead to battery leakage, overheating, explosion, or fire.
- If the power cable is damaged (for example, the cord is exposed or broken), or the plug loosens, stop using the cable at once. Otherwise, it may lead to an electric shock, a short circuit of the charger, or a fire.

Emergency Call

Whilst emergency calls can be made using this device, you should not rely solely on it for emergency calls, as a connection is not always guaranteed.

Warnings and Precautions

Disposal and Recycling Information

This device (and any included batteries) should not be disposed of as normal household garbage. The device (and any batteries) should be handed over to a certified collection point for recycling or proper disposal at the end of their life. For more detailed information about the recycling of the device or batteries, contact your local city office, the household waste disposal service or the retail store where you purchased this device. The disposal of this device is subject to the Waste from Electrical and Electronic Equipment (WEEE) directive of the European Union. The reason for separating WEEE and batteries from other waste is to minimize the potential environmental impacts on human health of any hazardous substances that may be present.

Reduction of Hazardous Substances

This device is compliant with the EU Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) Regulation (Regulation No 1907/2006/EC of the European Parliament and of the Council) and the EU Restriction of Hazardous Substances (RoHS) Directive (Directive 2002/95/EC of the European Parliament and of the Council).

Declaration of Conformity

We declare under our sole responsibility that the product detailed in this manual, and in combination with our accessories, conform to the essential requirements of the European Union Directive 1999/5/EC Radio and Telecommunications Terminal Equipment Directive 3.1(a), 3.1(b) and 3.2, the Radio Communications Standard (Electro-magnetic Radiation Human Exposure) 2003, and the Australian Communications and Media Authority Section 376 of the Telecommunications Act 1997.