



Fixed Wireless Phone



The PG110 and PG120 Fixed Wireless phones operate through a wireless connection instead of a landline phone cable, enabling the subscriber to set up the phone anywhere wireless service is available.

Axesstel GSM Fixed Wireless Phones provides high quality and superior performance with many features such as superior voice quality, caller ID, three-way calling, call waiting, short message service, etc. A large 3-line dot matrix liquid crystal display provides a user-friendly interface for quick and easy information display.

FEATURES

- 1. Speaker Phone
- 2. Signal Strength Indicator
- 3. Redial
- 4. Volume Control
- 5. Backlight Keypad
- 6. Battery Power Backup
- 7. Backlight LCD Screen
- 8. One-touch Dialing
- 9. Automatic Sending
- 10. Phone Book
- 11. Text Messaging



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SAFETY PRECAUTIONS

- 1. Avoid placing the phone in a dusty location, or near a source of gas or fire.
- 2. Don't shake, hit, or drop the phone.
- 3. If you clean the outside of the phone, use only a soft, dry cloth. The chemicals in alcohol, benzine or acetone can damage the surface of the phone.
- 4. Do not twist or pull the cord out of the phone.
- 5. Do not disassemble the phone.
- 6. Do NOT use the power adaptor if:
 - The power cord is damaged.
 - The phone has been dropped or damaged in any way.
- Use only the AXESSTEL provided adaptor. Do not use the AXESSTEL adaptor for any other purpose.
- 8. Use only the AXESSTEL provided antenna. Do not use the antenna for any other purpose.
- 9. Frequency and length of use can affect the life of the self-charging battery. Contact your customer service if the battery is not operating properly.
- 10. Use only the designated self-charging battery. Dispose of exhausted batteries properly. Never discard a battery in or near fire or flame.
- 11. Do not place the telephone near water, for example, near a bathtub, sink, wet basement, or swimming pool.

NOTE: The input and output voltages are indicated on the adapter.

(Input: AC 240V, 50~60 Hz, Output: DC 5V, 2A)

NOTE: Do not insert or remove SIM card while the phone is powered on.

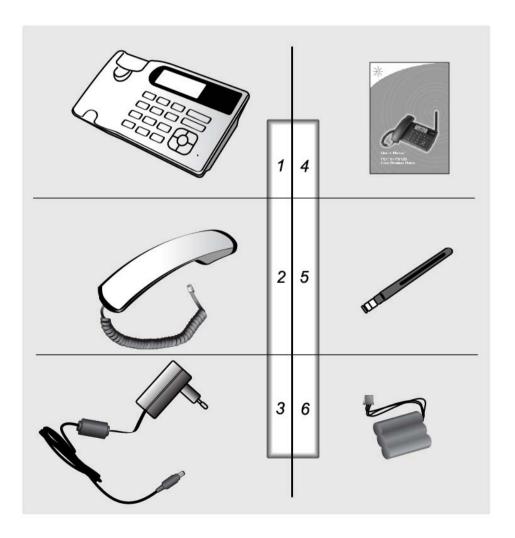


CHECKING THE PARTS

After unpacking your phone, make sure that you have all the parts shown below. If any piece is missing or broken, please call your customer service center.

- 1. Main Unit
- 2. Handset
- 3. Power Adaptor

- 4. User Manual
- 5. Antenna
- 6. Battery

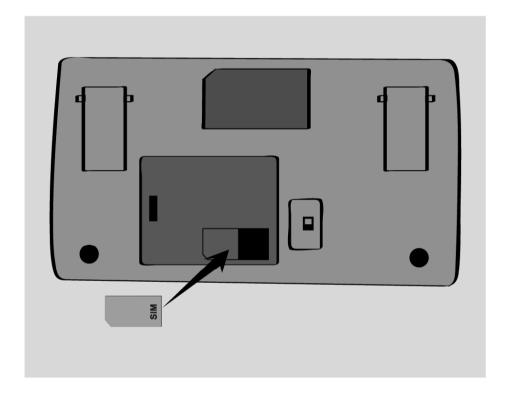




SETTING UP YOUR PHONE

Installing SIM card

- 1. Remove SIM bracket cover.
- 2. Lift SIM bracket by pulling.
- 3. Insert proper SIM card.
- 4. Put the bracket back in place.
- 5. Close the cover.





USING SIM CARD FOR THE FIRST TIME

1. Entering PIN code.

NOTE1: The function of pin feature can be set on/off in PIN setup menu.

NOTE2: PIN code can be changed in PIN setup menu.

If an incorrect PIN code is entered, an error message displays.

NOTE: There are 3 chances to enter the correct PIN code. If incorrect PIN codes are entered 3 times, the SIM card will be locked.

3. The phone is ready to use after entering the correct PIN code.

* Default PIN code is provided by your service provider.

Yill ENTER PIN

୩ || PIN FAILED 2 TRY LEFT

AXESSTEL THU 10/09 2:32P

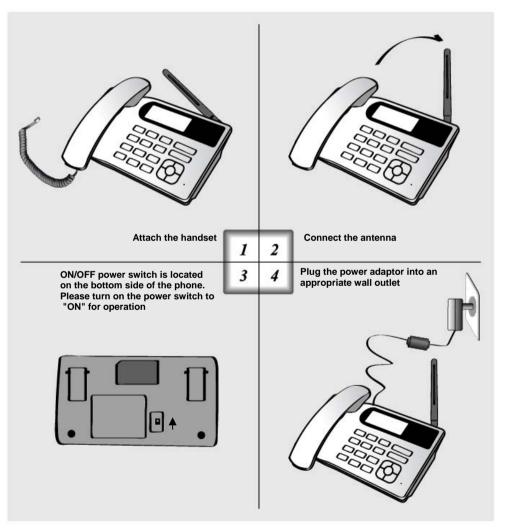


SETTING UP YOUR PHONE

Installing the phone

This phone operates by receiving DC power from the AXESSTEL power adaptor, which connects to an electrical outlet. The phone is equipped with a rechargeable battery as a back up in case of an AC power failure.

Desktop installation





SETTING UP YOUR PHONE

Service Status Check

Display in the Service Area

When the phone's power is turned on, LCD will display "Initializing" while the phone loads information from the SIM card. After the loading is finished, LCD will display greeting with date and time. The number of bars of signal strength indicator (antenna icon) indicates the strength of service signal in the area.



Display in Area with No Service

When there is no service signal detected in your area, no antenna bar appears. First, check if the antenna is firmly connected. If no service is detected, contact your service provider for the coverage area information.





GETTING TO KNOW YOUR PHONE



- 1. Antenna: Adjusting the position of antenna improves the sound quality of the call.
- 2. Menu: Press to access the phone menus.
- 3. Message: Press to retrieve messages.
- **4. Volume Key(-, +):** Lets you adjust sound levels and scroll through the menu options and displays.
- **5. OK:** Stores phone numbers and any settings you select in the menu within the phone memory
- 6. Clear: Lets you clear your last entry.
- 7. Redial: Allows you to redial the last number
- 8. Power On/Off: Press and hold the key for a few seconds to turn on or off your phone
- 9. Speaker Phone: Turn on or off the speaker phone feature



DISPLAY ICONS

Icons display on the screen to indicate what features you are using, signal strength and battery status etc...





Indicates the strength of the signal. More bars indicates stronger signal.



Indicates the level of battery power. The more bars, the more power. When the battery is low, the icon blinks, and an alert tone sounds.



Indicates that you are using the phone menu.



Indicates that the alarm has been set.



Indicates that you are in the phone book menu.



Indicates that you have a text message or a voice mail message.



Indicates that a voice or data call is in progress.



FUNCTION KEYS



Press this key to retrieve messages.



Press this key to display the phone's main menu.

Press and Hold this key to turn on or off the FM radio.

If there is an incoming call or if the user attempts to make
an outgoing call while the FM radio is on, the FM radio turns off
automatically



Press this key to control the volume of keypad, earpiece and speaker. In the menu mode, use this key to scroll through the menu items,



Clears information from display screen.

- To erase one character from the display screen, press it once.
- To erase all characters on the screen, press and hold.
- To go back one step in the menu mode, press it once
- During communication, press this key, you can select mute, the other side can't hear your voice.



Press this key to store a phone number in the phone book or to save menu settings.



The speaker button is used to place or receive a call without using the handset. The integrated microphone and speaker on the main unit allows hands free conversation.



Press and hold this key for a few seconds to turn on or off your phone



Press this key to redial the last number called or to connect a call right after dialing the number without waiting until the call is connected automatically.



Basic Operation

Making Calls
Redial
Receiving Calls
Adjusting Volumes
Choosing the Ring Tones
Message Service



- 1. Make sure your phone is turned on.
- Pick up the handset to hear a dial tone.When the phone fails to acquire service signal, you will hear "No Service" tone (intermittent tone).
- 3. Dial the number to call. The LCD window displays the number.
- 4. Wait for a moment for auto calling or press < REDIAL>.
- 5. When the other person answers, begin conversation.
- 6. To end the call, replace the handset on the main unit.

NOTE1: Modifying a phone number while dialing.

- To erase the last digit entered: Press <CLEAR>.
- To erase the entire number: Press <CLEAR> and hold.

NOTE2: Automatic calling

The phone was set to places a call automatically 3~8 seconds after last digit entry. To disable automatic calling or change time. setting, access "Auto Send Time" menu to change settings.

1. Press **<MENU>**, **<6>** (Security) , **<8>** (Auto Call).



REDIAL

Redial the last number you dialed.

- 1. Pick up the handset or press **<SPEACKER>**.
- 2. Press < REDIAL>.
- 3. Press <*>. <#> to select number to redial.
- 4. Press < REDIAL>

NOTE: You may not redial when there is no last number dialed stored in the memory. "EMPTY LIST!" message is displayed on the LCD.

RECEIVING CALLS

When there is an incoming call, the phone rings and blinks "Incoming Call" message on the display.



- Simply pick up the handset or press <SPEAKER> to answer the call.
- 2. To disconnect, replace the handset or press <SPEACKER>.

NOTE: When the ringer volume is set to 'Silent', the phone does not ring. Only the "Incoming Call" message blinks.

When the Caller ID service is activated. Call ID Display

The Caller ID feature displays the caller's number when the phone receives a call. If the caller's name and number are stored together in the phone book, the caller's name is displayed. Contact your service provider to activate this feature.

NOTE: If the call is not answered, the phone displays the "Missed Call" message with the call arrival date and time.



MISSED 1CALL THU 10/09 2:56P



ADJUSTING VOLUMES

You can control the sound volumes including the key tone, Earpiece, speaker and the ringer

Adjusting earpiece volume

Pick up the handset and press **<volume key>** repeatedly during a phone call to adjust earpiece volume.

Adjusting ring volume

- 1. Press <MENU>, <4> (Sound), <3> (Ring Volume)
- 2. Press <*>, <#> to adjust ringer volume.
- The phone will store the setting automatically with several seconds.

NOTE: If 'Silent' is selected, the phone does not ring when an incoming call comes in. Only the "INCOMING CALL" message blinks on the display.



CHOOSING THE RING TONES

You can choose from twelve different ring tones.

- 1. Press **<MENU>**, **<4>** (Sound), **<2>** (Ringing Tone).
- 2. Press **<volume key>** (or **<*>, <#>**) to select ring type.

A total of 12 levels are available.

3. Press <OK> to save.





MESSAGE SERVICE

You can enter short message menu by pressing key "SMS" in the idle screen.

This function provides text short message service, it can receive and send message. While a new message arrived, the phone will remind you with "1 New Message". If the ring of SMS is open, you will hear the ring tone at the same time.

If the box is full, you will not receive a new message. The icon will coruscate on the screen, and remind you that the box is full, please delete some messages, and then you can receive a new message again.

Voice Mail

Enter the menu of Voice mail, it will display the following list:

Listen to Voice Mail message: If the user has applied this function, he can use this menu to listen to voice mail messages.

Voice mailbox number: This menu can save the number of voice mailbox. The user must apply the voice mail firstly.

Inbox

This function is used to consult the SMS.

Press <OK> key, the messages are displayed in chronological order with the most recent on top of the list. If there is no message, it will remind you "No message!".

Press [+] [-] to select the message you want to read. Then press the left soft key to read the message, and press the left soft key again, to enter the option menu: Delete, Reply, Forward, Edit, Dial back, and Save number.

Delete: Allows you to delete the message you selected.

Reply: Allows you to reply message to the sender. Edit a new message, then press the left soft key to send message in two modes: Only send, Only save:

- 1 . Only send : Send the message to the other people without saving.
- 2 . Only save : Save the message into the draft box without sending it.

Forward: Allows you to forward the message you received to the other people.

Edit: Allows you to edit the message you received, and then send it to the other people.



Dial back: Allows you to dial back the sender.

Save number: Allows you to save the phone number of the sender into the phone or the SIM card.

Outbox

This function is used to display the messages which have been sent and saved. It also can operate the message with Delete, Forward, Edit, Dial back, and Save number option. These options are the same with Read messages.

Draftbox

This function is used to display the messages which have been unsent. You can also Delete, Forward, Edit, Dial back and Save number the message. These options are the same as Read messages.

Service Center

This function is used to save the SMS center number (this number can be obtained from the network operator). The messages can be sent successfully only by saving the center number correctly.

Send Message

This function is used to write a new message (see Text input for detail). After edit it, you can send or save or send and save it.

Erase All

This function is used to delete all the messages of the inbox or outbox or draft box. You can delete them separately or together.

Setting

Allows you to set all kinds of parameters of the SMS.

♦ SMS Alert

This menu allows you to change alert volume and tone. And you can select alert mode.

♦ Status Report

You can activate or deactivate this option which informs you via a written message whether your SMS was received or not.



♦ Storage status

The total capacity of inbox and draft box depends on the capacity of SIM card. Enter this menu, the total numbers of the messages and the remained numbers will be displayed.

Useful Features

CALL HISTORY
PHONE BOOK
TIME
SOUND
CONFIGURATION
SECURITY





CALL HISTORY

Your phone stores the last 10 outgoing calls, incoming, and missed Calls combined (only when Caller ID function is activated). You can display and redial these numbers.

Incoming Call

This function is used to display the latest 10 numbers you answered, and you can operate it with the operations of **Dial to**, **Send message to**, **Delete**, **Save Number**, **Erase all**, **and Show Number**.

- ♦ Press "OK" to enter. It will display the numbers in sequence.
- ♦ Press (+) (-) to select the phone number.
- ♦ Press "Option" to operate the number with Dial to, Send message to, Delete, Save Number, Delete all, and Show Number.

Press "OK" to accept it.

Outgoing Call

This function is used to display the latest 10 numbers you dialed, other operation the same as Incoming Call.

Missed Call

This function is used to display the latest 10 numbers you missed. Other operations are the same as **Incoming Call**.

Delete All

This function is used to delete all call history



Phone Book

This function can save the phone numbers and names into the SIM card or phone, and you can also browse, add, or delete them.

Browse

Enter this menu, you can browse the phone number which saved in the SIM card or the phone:

- press [+] [-] to browse records of the phonebook.
- Input the first letter of the name, you can jump to the position of the name with
 the same first letter. For example, Jack, you can press "5" key, and then you will
 jump to the position of the names with "J" headed. Then press [+] [-] to
 select the item you want.

Press <OK> key, you can select the following list: Send message, Detail/Edit, Search, Copy to ME/SIM Phonebook, Delete, Send number, Create.

Create

Allows you to create a new entry and save it into the ME/SIM Phonebook.

In the idle screen, input the phone number, and press "OK" key to save or edit it.
 To every item, you can press the number keys directly to edit it. After that you can press "OK" to select the save mode (ME or SIM). Then press "OK" again to complete it.

Enter the phonebook menu, select "Create", then you can create a new record. And follow the instructions above for the other operations.

Speed dial

You can view and edit speed dial number in this submenu.

Storage status

You could check the store information about the SIM card and phone.

Copy

You could copy the phone book in SIM or Phone to Phone or SIM.

Delete All

You could delete the phone book in SIM or Phone or SIM and Phone.



TIME

Alarm

This menu enables you to set alarm clock. If the alarm time is reached while the device is switched off, the device switches itself on and starts sounding the alarm tone.

Last Call

This menu display the last call information.

Total Time

This menu display the total time of calls

- ♦ Outgoing
 - The menu display the total outgoing time of calls
- ♦ Incoming

The menu display the total incoming time of calls

CIr Call Time

The menu clear all the history time of calls

Clock Settings

- ♦ Date & Time Settings : Press number keys to input the time and date.
- ♦ Date display format : It contains 12 hours and 24hours.
- ♦ Time display format: It contains YYYY-MM-DD, MM-DD-YYYY, and DD-MM-YYYY.



Ring Mode

This menu allows you to select ring alert for call or mute for call.

Ringing Tone

This menu allows you to change ring tone for call alert.

Ringing Volume

This menu allows you to change ring volume for call alert.

Keypad Tone

This menu allows you to open or close keypad tone

Connect Alert

This menu allows you to enable or disable call connect alert.

On/Off Alert

This menu allows you to enable or disable on/off alert.



CONFIGURATION

Language

This menu allows you to select different language.

Call Divert

Divert the incoming call to the voice mailbox or other number. The divert includes the following modes and each can be set to Activate, Deactivate, and Interrogate. When the Call forwarding is set to Activate, you can input the phone number to be diverted to according to the prompt on the screen.

♦ Unconditional divert :

No matter in what situation, divert all incoming calls to the specified phone number.

♦ Busy divert :

When you are on the phone, divert the incoming calls to the specified phone number.

♦ No answer divert :

Divert the incoming calls to the specified phone number after you have not answered the incoming calls for a period of time.

♦ No service divert :

If an incoming call fails to arrive since the phone is powered off or outside the network coverage, divert the incoming call to the specified phone number.

Call Waiting

Turn on, turn off or get status of the call waiting function. If the call waiting function is turned on and you are on the phone, when where is a new incoming call, the alert will sound and the screen will display the phone number of the caller.



Greeting Note

Set the Greeting note open or closed, and edit the note at the same time.

Call Barring

Set to call barring or dialing in the various situations. You must subscribe the international long distance calling function with the network operator and get the call barring password before you can set the individual restriction functions.

Each item of call barring can be set to Activate, Deactivate, and Interrogate. Call barring includes the following options:

- All Outgoing Calls:

Restrict all the outgoing calls.

- All Int'l call :

Restrict dialing international long distance phone numbers

- Int'l except to home:

Restrict dialing international long distance phone numbers except to home.

- All incoming call:

Restrict all the incoming calls and incoming calls when roaming. When this is turned on, you will be restricted by the network operator and can not receive any incoming call.

- Incoming while roam:

Restrict international incoming calls when roaming. When this is activated, you will be restrict by the network operator and can not receive any international incoming call when roaming.

Phone Code

This function can lock/unlock the phone. If you select on, you can select Verify when power-on or Verify with new SIM. It also can be set to on, off, and change the default phone lock code is "0000".

Factory Reset

Reset some functions of the phone to the default value. Press "OK' to reset, but you should input the phone code firstly.



Own Number

It can edit or delete the own number.

Set PIN1

The PIN1 code can protect your SIM card and prevent your SIM card being used illegally. You can set the following:

♦ On

If currently the PIN1 code is set to off, select on. Input the correct PIN1 code and this function will work. Next time when you power on the phone, you need to input the correct PIN1 code before you can enter. The SIM card is protected by the PIN1 code.

♦ Off

If currently the PIN1 code is set to on, select off. Input the correct PIN1 code and you can turn off the PIN1 code protection.

♦ Change PIN1

If you want to change the initial PIN1 code, Select Change PIN1, and input the correct initial PIN1 code. The phone will prompt the new PIN1 code for two times. Finally, it will prompt whether the change is successful. You can change the PIN1 code only when PIN1 code is set to on. If it is set to off, this function is ineffective.

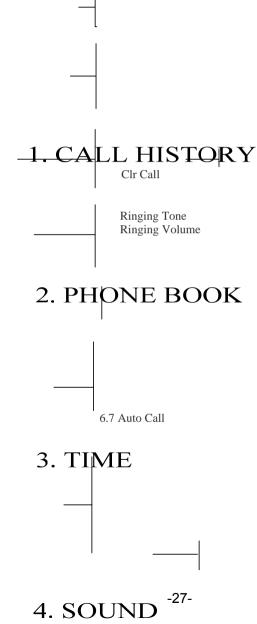
Attention: If you have input a wrong PIN1 code for three times in sequence, the SIM card will be locked. At this moment, you need a PUK code to unlock the SIM card. The PIN1 code and the PUK code may be provided to you with the SIM card. If none, please contact your network operator.

Auto Call

This function allows you to select whether dial the number automatically after input the number in idle screen. The default setting is Off, which will not dial the number automatically. If you allow the function, three periods which are 3, 5, and 8 seconds can be selected.

axess-tel

MENU OPTION TABLE



- 1.1 Incoming 1.2 Outgoing 1.3 Missed C
- 1.4 Delete Al2.1 Browse
- 2.2 Create2.3 Speed Dis
- 2.4 Storage S2.5 Copy

2.6 Delete Al

- 3.1 Alarm Clo
- 3.2 Last Call3.3 Total Time
- 3.4 Clear All

3.5 Clock Sett

4.1 Ring Mode 4.2 Ring Tone

4.5 Connect A

- 4.3 Ring Volu
- 4.4 Keypad To



SPECIFICATIONS

Frequency Range	PG110	1900: TX 18: 850 : TX 82	50 ~ 1910 , RX 1930 ~ 1990 4 ~ 849 , RX 869 ~ 894	
Channel Bandwidth		850 / 1900 Dual Band		
Stability of frequency		0.4 ppm		
External appearance (mm)		173 x 196 x 70 mm		
Weight	600 g			
Sending output ma		maximum 0.23W E.R.P		
Temperature of operation		-20 ~ +50 degrees Celcius		
Relative humidity		5% ~ 90%		
Adapter		Input: AC 100~240V 50~60Hz Output: DC 5V/2A		
Battery		Standby	500 hours	
		Talk	3 Hours	

AXT v1.0

SAR INFORMATION

THIS MODEL PHONE MEETS THE GOVERNMENT'S REQUIREMENTS FOR EXPOSURE TO RADIO WAVES.

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radiofrequency (RF) energy set by the Federal Communications Commission of the U.S. Government. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health. The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/kg. *

Tests for SAR are conducted with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output. Before a phone model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by the government adopted requirement for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) as required by the FCC for each model. The highest SAR value for this model phone when tested for use at the when worn on the body, as described in this user guide, is **0.169 W/Kg**. (Body-worn measurements differ among phone models, depending upon available accessories and FCC requirements). While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirement for safe exposure. The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of http://www.fcc.gov/ oet/fccid after searching on **FCC ID**: PH7PG110.

Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications Industry Asso-ciation (CTIA) web-site at http://www.wow-com.com. * In the United States and Canada, the SAR limit for mobile phones used by the public is 1.6 watts/kg (W/kg) averaged over one gram of tissue. The standard incorporates a sub-stantial margin of safety to give additional protection for the public and to account for any variations in measurements.

SAFETY INFORMATION FOR RF EXPOSURE

Body worm operation

This device was tested for typical body-worn operations with the back of the phone kept 20 mm. from the body. To maintain compliance with FCC RF exposure requirements, use similar accessories that maintain a 20 mm. separation distance between the user's body and the back of the phone, including the antenna. The use similar accessories should not contain metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided.

Safety Information

1 . SAFETY INFORMATION FOR FIXED WIRELESS TERMINALS .POTE NTIALLY EXPLOSIVE ATMOSPHERES

Turn your phone OFF when in any area with a potentially explosive atmosphere and obey all signs and instructions. Sparks in such areas could cauls e an explosion or fire resulting in bodily injury or even death.

INTERFERENCE TO MEDICAL DIVICES

Certain electronic equipment may be shielded against RF signal from you wireless phone. (pacemakers, Hearing Aids, and so on) Turn your phone OFF in health c are facilities when any regulations posted in these areas instruct you to do so. RF signals may affect improperly installed or inadequately shielded electronic system in motor vehicles.

.EXPOSURE TO RF ENERGY

Use only the supplied or an approved replacement antenna. Do not touch the antenna unnecessarily when the phone is in use. Do not move the antenna close to, or couching any exposed part of the body when making a call.

FCC Compliance Information

This device complies with Part 15 of FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received.
 Including interference that may cause undesired operation.

U.S.A.

U.S.FEDERAL COMMUNICATIONS COMMISSION RADIO FREQUENCY INTERFERENCE STATEMENT

INFORMATION TO THE USER

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful Interference in a residential installation This equipment generates, uses, and can radiate radio frequency energy and, if Not installed and used in accordance with the instructions, may cause harmful Interference to radio communications. However, there is no guarantee that interference will not occur in a particular Installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- *- Reorient or relocate the receiving antenna.

 Increase the separation between the equipment and receiver.
- *- Connect the equipment into an outlet of a circuit different from that to which the receiver is connected.
- *- Consult the dealer or an experienced radio/TV technician for assistance. Changes or modification not expressly approved by the party responsible for Compliance could void the user's authority to operate the equipment. Connecting of peripherals requires the use of grounded shielded signal cables.