

WF721

WCDMA/GSM Fixed Wireless Terminal User Manual

TS Confidential

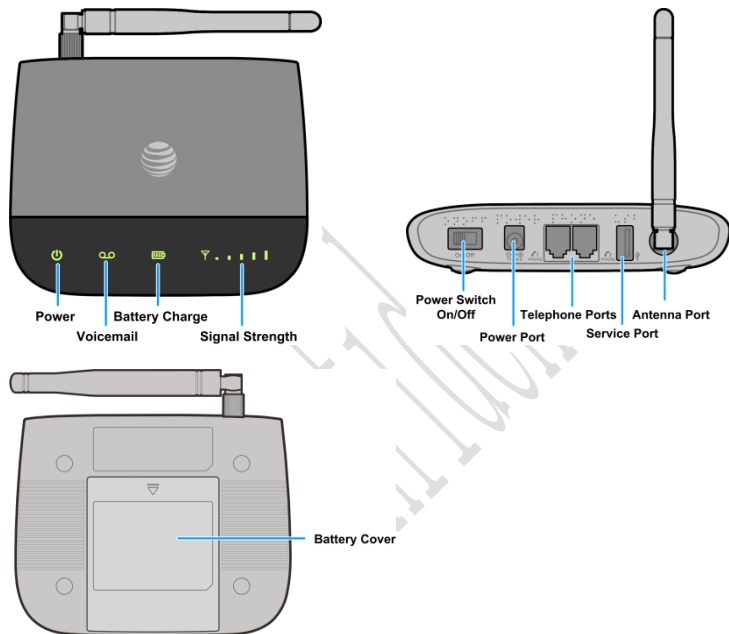
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Getting to Know Your Device

Appearance



NOTE:

Service Port is designed for diagnostic purposes only, not for customer use. Never place a USB-based device into the USB port of the device under any circumstance. Doing so may damage the device and negate its warranty.

LED Indicators

The table below describes possible states for each of the LED indicators.

Key	Icon name	Indicator	Status
	Power	Green	On
		Off	No power
		Red	FOTA
	Voice Mail	Green	New message
		Off	No message
	Battery Charge	Green	High
		Yellow	Medium
		Red	Low
		Off	No charge
	Service	Red	No service
		Blinking red	No SIM
		Blinking green	Microcell
	Signal Strength	One Green Bar	Weak
		Five Green Bar	Strong
		Blinking green	Microcell

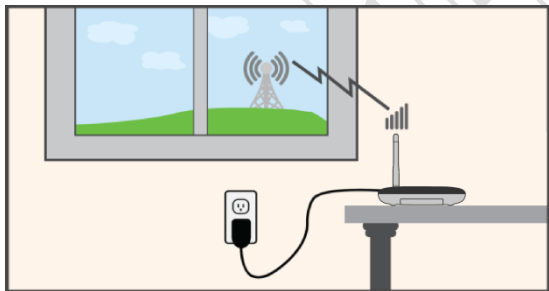
Device Installation

Before You Begin

Your device works exclusively with the AT&T cellular network and DOES NOT use your home's phone wall jacks.

Your device should be located:

- Where you have a strong cellular signal from a cell tower, typically near a window or outside wall. Signal strength may vary in different parts of your home.
- Near an electrical wall outlet.

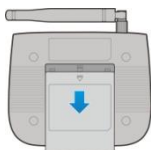


Select which phone(s) you will use with the Wireless Home Phone Base:

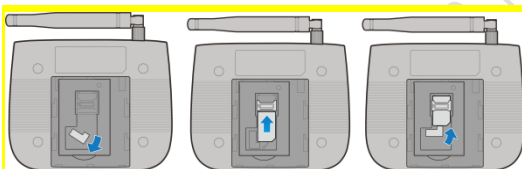
- A cordless phone system with multiple handsets should be used to place phones throughout your home.
- If using an existing phone, unplug it from the wall jack.

Installing the SIM Card and the Battery

1. Remove the cover from the battery compartment.



2. Follow the step in the following figure to install the SIM card.



3. Place the battery in the battery slot and replace the battery cover.



NOTES:

- The system will stop charging the battery when the ambient temperature is outside of the temperature range allowed for charging (0 °C ~ 55 °C).
- When the power adapter is connected, the battery will automatically be charged.
- When fully charged, the battery will automatically stop charging.

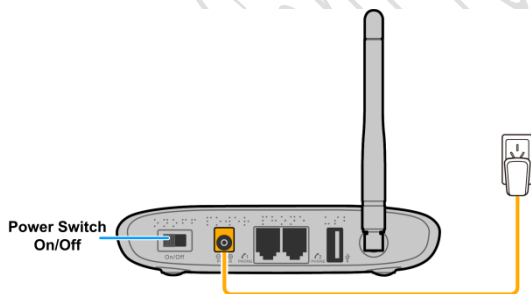
- Remove the battery if the device will be unused for a long period.
- The battery is intended for backup purposes only (in the event of a power failure).
- The device takes about 5 hours to charge fully. The charge time may be impacted by environmental factors.

Turning on Your Device

Plug the power cord into an electrical wall outlet that is not controlled by a wall switch.

Insert the small end of the power cord into the Power Input port on the back of your Wireless Home Phone Base.

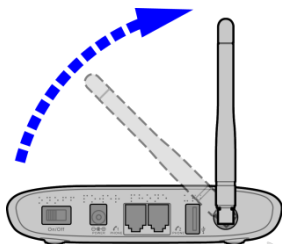
Slide the **On/Off** switch to **On** position.



Checking the Wireless Signal

1. Raise antenna to an upright position.

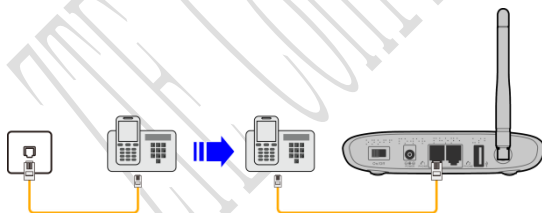
2. Confirm signal strength light is green for optimal performance.



NOTE: If you do not see a green light (signal strength), you may want to choose an alternate installation location.

Connecting the Device to a Phone

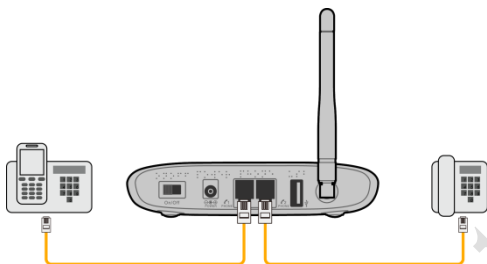
1. Unplug your phone from the wall jack.
2. Plug your phone into the “Phone 1” port on the Wireless Home Phone Base, using your existing phone cable or included phone cable.



IMPORTANT: DO NOT plug the Wireless Home Phone Base into a wall jack.

NOTE:

- The “Phone 2” port can be used to connect an additional phone. This port uses the same telephone number as the “Phone 1” port.

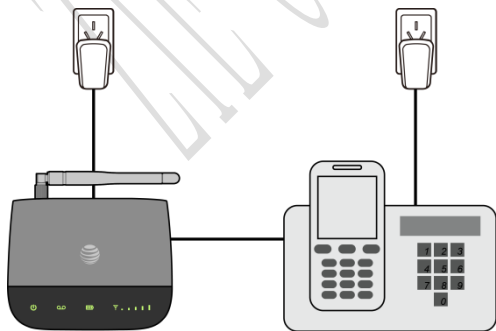


- Put the device at least 2.5 meters away from the connected phone, TV sets, radio and other electronic devices to avoid electromagnetic interference.

Place a Test Call

1. Place a test call from your connected home phone. Before making a call, Make sure to use 10-digit dialing even for local calls.
2. For best results, place the cordless phone base at least 12 inches from the Wireless Home Phone Base. Lift the handset of your home phone, enter the telephone number

Note: Keep your cordless phone plugged into a power outlet.



Voice Mail

Your Wireless Home Phone Base comes with standard wireless voicemail. Follow the steps below to setup and use your voicemail.

Setup

Dial 1 on any home phone connected to the Wireless Home Phone Base and wait four (4) seconds to connect to your AT&T wireless voicemail. Simply follow the voice prompts to complete setup.

To enable remote voicemail retrieval and for added security be sure to create a password during setup.

Message Waiting

There are two indicators for a new message waiting: 1) the voicemail icon; and 2) an intermittent dial tone.

The voicemail icon on your Wireless Home Phone Base flashes when a voicemail message is waiting. You will also hear an intermittent dial tone on any connected phone handset before placing a call.

Retrieving Messages

To retrieve voice messages, dial 1 on any home phone connected to the Wireless Home Phone Base and wait four (4) seconds to connect to your AT&T wireless voicemail box. Simply follow the voice prompts to listen to and manage your messages. (Alternately, you may dial your 10-digit home phone number to access your voicemail box.)

Remote Retrieval

To retrieve voicemail messages from a phone not connected to the Wireless Home Phone Base, dial the number associated with your Wireless Home Phone Base service. When voicemail picks up, press *. You will then be prompted to enter your password. Simply follow the prompts to listen to and manage your voicemail messages.

Transferring a Phone Number

Transferring a landline phone number to your Wireless Home Phone Base can take up to five (5) days. Outgoing calls can be made immediately using your Wireless Home Phone Base, however incoming calls will continue through your old service until the transfer is complete. It is recommended that a phone be kept connected to your existing home wiring or prior service to continue to receive incoming calls until the transfer is complete.

Using Your Device

Making calls

Using a phone connected to your Wireless Home Phone Base, place and receive calls as you normally would. The Wireless Home Phone Base supports both cordless and corded phone dialing methods.

Note: You will need to dial 10 digits even for local numbers.

Three-Way Calling

While on an existing call, press the **Flash** (or **Talk**) key on your phone to put the first party on hold. When you hear a dial tone, dial the second parties' number (wait up to four [4] seconds). When the second party answers, press the **Flash** (or **Talk**) key again to complete the three-way connection. If the second party does not answer, press the **Flash** (or **Talk**) key to end the connection and return to the first party.

Note: If your phone does not have a **Flash** (or **Talk**) key, use the off-hook mechanism supported by your phone instead.

Call Waiting

You will hear two tones if someone calls while you are already on a call.

To hold the current call and accept the waiting call, press the **Flash** (or **Talk**) key. You can press the **Flash** (or **Talk**) key anytime to switch back and forth between calls.

To clear the current call and accept the waiting call, enter 1 and press the **Flash** (or **Talk**) key.

To reject (User Busy) the waiting call, enter 0 and press the **Flash** (or **Talk**) key.

Notes:

- Your Wireless Home Phone Base comes with standard threeway calling and call waiting. Operation of these features will vary depending on your home phone equipment.

- If your phone does not have a **Flash** (or **Talk**) key, then use the off-hook mechanism supported by your phone.

Call Forwarding

To forward all calls, dial:

- 1) *21*
- 2) The 10-digit number to which you wish to forward your calls
- 3) # key

(Example: *21*1234567890# forwards your calls to the phone number 123-456-7890)

Please wait at least three (3) seconds and you hear a confirmation tone for the forwarding to complete before hanging up.

To un-forward calls, dial #21#, please wait at least three (3) seconds and you hear a confirmation tone for the un-forwarding to complete before hanging up.

Note: Applicable wireless minute plan rates apply to forwarded calls.

Adjusting Volume

Use your home phone's volume adjustment if available. Alternately, the volume of the Wireless Home Phone Base can be adjusted if necessary. While on a call, press ** or ## to enter Volume Setting Mode. Press * to decrease volume. Press # to increase volume. To exit Volume Setting Mode press any other key or wait five (5) seconds.

Notes:

- Four volume levels are available (level 1 to level 4); the default

setting is the highest at level 4.

- Your home phone(s) may have a separate volume level setting function that is independent of the Wireless Home Phone Base.

Powering On/Off

The **On/Off** switch is used to turn your Wireless Home Phone Base on or off. When powered off, the Wireless Home Phone Base will no longer send or receive calls, but it will continue to charge the back-up battery if still connected to the wall outlet.

To turn the Wireless Home Phone Base on, slide the **On/Off** switch to **On** position to turn on. To turn it off, slide the **On/Off** switch to **Off** position to turn off.

AT&T 3G MicroCell™

The Wireless Home Phone Base can be used with the AT&T 3G MicroCell when it's within range of the MicroCell signal and the phone number associated with the Wireless Home Phone Base has been added to the MicroCell's approved user list.

The signal strength indicator on your Wireless Home Phone Base will flash green when connected to the MicroCell and FemtoCell.

TTY Support

TTY (Text Telephony) and TDD (Telecommunications Device for the Deaf) are supported by the Wireless Home Phone Base. In

order to use the TTY network, you must have a TTY-compatible phone and be in TTY mode. Note that most digital wireless devices are TTY-compatible.

Dial ***983*889*n#** to set the TTY mode.

- n = 0: TTY off mode. The standard voice speaking mode and listening mode. This is the default setting.
- n = 1: TTY full mode. Transmit and receive the TTY characters.
- n = 2: VCO mode. Receive TTY characters but transmit by speaking into the speaker.
- n = 3: HCO mode. Transmit TTY characters but receive by listening to the receiver.

Troubleshooting

Fault	Solution
No dialing tone after off-hook.	Check the antenna connection or connection between the device and telephone.
Phone is buzzing after off-hook.	The telephone may be not compatible with the device, change another one.
Phone alerts or gives other prompt sounds after off-hook.	Make sure that SIM card is inserted properly, and valid (consult with the network carrier).
You hear noise after off-hook.	Make sure that the device is at least 2.5 meters away from other electronic devices. If the device runs without antenna, and the signal strength indicator is Yellow or Red, install the antenna.
The system stops sending dialing tone 30 seconds after off-hook.	Hook on, and then hook off again to make a call.
Incoming call display is abnormal.	Make sure the phone supports CLIP function.
No response when power on the device.	Power off the device, wait for seconds, and re-power on.
Other abnormal phenomenon.	Refer to the User Manual firstly, and then check whether the parts, such as power supply adapter and antenna, etc. are connected properly or not. If there is no problem, restart the device.

Specification

Dimension(W*D*H)	140 mm x 110 mm x30 mm
Weight	350 g (without battery)
Talk Time*	5 hours (GSM) 2.5 hours (WCDMA)
Standby Time*	25 hours
Battery Capacity	1900 mAh

NOTE:

The value of the talk time or standby time varies with the actual environment.

Safety Notes

- Keep the device and the external antenna at least 20 cm from persons.
- Disconnect external power supply and do not use the device during a thunderstorm.
- Some electronic devices are susceptible to electromagnetic interference sent by the device if inadequately shielded; Try to use the device at least 2.5 meters away from TV sets, radio and other automated office equipment so as to avoid electromagnetic interference.
- Turn off the device in the hospital.
- Do not use the device on board and aircrafts.
- Operating of the device may interfere with medical devices like hearing aids and pacemakers. Consult a physician or the manufacturer of the medical device before using.
- Be aware of the usage limitation when using the device at places such as oil warehouses or chemical factories, where there are explosive gases or explosive products being processed, because even if your terminal is in idle state, it still transmits radio frequency (RF) energy.
- Do not touch the antenna while calling.
- Keep the antenna free from obstructions and position the antenna straight up. This will ensure best call quality.
- Please put the device on the safe place. The device may cause

injury if used as a toy by children.

- Do not put other things on the terminal to avoid overlaying radiator.
- Please use original accessories or accessories that are approved by vendor. Using any unapproved accessories may affect your device's performance, damage your terminal or even cause danger to your body and violate related national regulations about telecom terminals.
- As the device can produce electromagnetic field, do not place it near magnetic items such as computer disks.
- Do not expose the device to direct sunlight or store it in hot areas. High temperatures can shorten the life of electronic devices.
- Prevent liquid from leaking into the device.
- Do not attempt to disassemble the device by yourself. Non-expert handling of the device may cause body injury or device damage.
- Keep length of line between the device and telephone at least 2.5 meters.
- Do not install and remove SIM card when the power is on.

RF Exposure Information

This device meets the government's requirements for exposure to radio waves.

This device is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government.

This device complies with FCC radiation exposure limits set forth for an uncontrolled environment. In order to avoid the possibility of exceeding the FCC radio frequency exposure limits, human proximity to the antenna shall not be less than 20cm (8 inches) during normal operation.

FCC Regulations

This device complies with part 15 of the 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.

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

-Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Notes