Sierra Wireless AirCard 754S Mobile Hotspot

User Guide

Important Notice

Due to the nature of wireless communications, transmission and reception of data can never be guaranteed. Data may be delayed, corrupted (i.e., have errors) or be totally lost. Although significant delays or losses of data are rare when wireless devices such as the Sierra Wireless mobile hotspot are used in a normal manner with a well-constructed network, the Sierra Wireless mobile hotspot should not be used in situations where failure to transmit or receive data could result in damage of any kind to the user or any other party, including but not limited to personal injury, death, or loss of property. Sierra Wireless accepts no responsibility for damages of any kind resulting from delays or errors in data transmitted or received using the Sierra Wireless mobile hotspot, or for failure of the Sierra Wireless mobile hotspot to transmit or receive such data.

Safety and Hazards

Do not operate the Sierra Wireless mobile hotspot in areas where blasting is in progress, where explosive atmospheres may be present, near medical equipment, near life support equipment, or any equipment which may be susceptible to any form of radio interference. In such areas, the Sierra Wireless mobile hotspot **MUST BE POWERED OFF**. The Sierra Wireless mobile hotspot can transmit signals that could interfere with this equipment.

Do not operate the Sierra Wireless mobile hotspot in any aircraft, whether the aircraft is on the ground or in flight. In aircraft, the Sierra Wireless mobile hotspot **MUST BE POWERED OFF**. When operating, the Sierra Wireless mobile hotspot can transmit signals that could interfere with various onboard systems.

Note: Some airlines may permit the use of cellular phones while the aircraft is on the ground and the door is open. Sierra Wireless mobile hotspots may be used at this time.

The driver or operator of any vehicle should not operate the Sierra Wireless mobile hotspot while in control of a vehicle. Doing so will detract from the driver or operator's control and operation of that vehicle. In some states and provinces, operating such communications devices while in control of a vehicle is an offence.

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Consult our website for up-to-date product descriptions, documentation, application notes, firmware upgrades, troubleshooting tips, and press releases:

www.sierrawireless.com

Revision History

Revision number	Release date	Changes
1	May 2011	New document

Contents

≫ 1: Get Started

This chapter provides an overview of the Sierra Wireless AirCard Mobile Hotspot features, and instructions on how to set up your Sierra Wireless Mobile Hotspot and connect to the Internet.

Know your device

Your Mobile Hotspot enables you to create a Wi-Fi access point anywhere there is cellular network coverage. You can use that Wi-Fi access point to connect your laptop and other devices to the Internet.

You can also use your Mobile Hotspot in tethered mode by connecting it to your laptop with the USB cable.

Additional features include:

• GPS
• Support for microSD memory card (up to 32 GB) for storing and sharing files (Depending on your service provider, the microSD card may not be supported.)
• Wi-Fi Protected Setup (WPS)
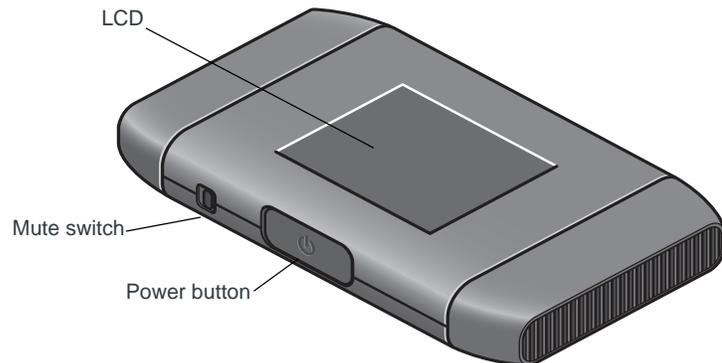
Power button

Desired result	Action
Turn Mobile Hotspot on	Press and hold the Power button for a few seconds.
Turn Mobile Hotspot off	Press and hold the Power button for a few seconds.
Wake up LCD screen	Press and quickly release the Power button.
Enter Dashboard mode	Double-click the Power button.
Respond to prompts on the LCD screen	Press and quickly release the Power button when prompted to do so by the LCD screen. (This is used to confirm an action.)

Mute switch

The Mobile Hotspot automatically beeps when the connection status changes, when you receive an alert, etc. To turn these beeps off, move the Mute switch to the On position. (The red rectangle is visible.)

LCD

As well as providing setup information (Wi-Fi SSID (Network Name) and Wi-Fi Key) the Mobile Hotspot LCD displays:

- Instructions during setup
- Status messages such as "Setup in progress", "Searching for network", "Connected", etc.
- Status icons (See Icons on the LCD screen on page 9 for details.)
- The amount of data transmitted
- Network name
- Error messages (See Alerts on page 27 for troubleshooting suggestions.)

Dashboard mode

More detailed information and instructions are available on the LCD Dashboard mode. To access the Dashboard, double-click the Power button. Double-click the Power button again to cycle through the Dashboard pages.

The information and instructions available on the Dashboard include:

- Connection information (Wi-Fi SSID (Network Name) and Wi-Fi Key)
- Messages / Alerts
- Billing information
- Information about the Mobile Hotspot such as the Wi-Fi network range, network preference, firmware version, etc.
- WPS setup instructions
- WPS (Wi-Fi Protected Setup)—a fast, easy way to connect WPS-enabled devices to your Wi-Fi network

Icons on the LCD screen

The icons on the LCD screen indicate the status of the Mobile Hotspot.
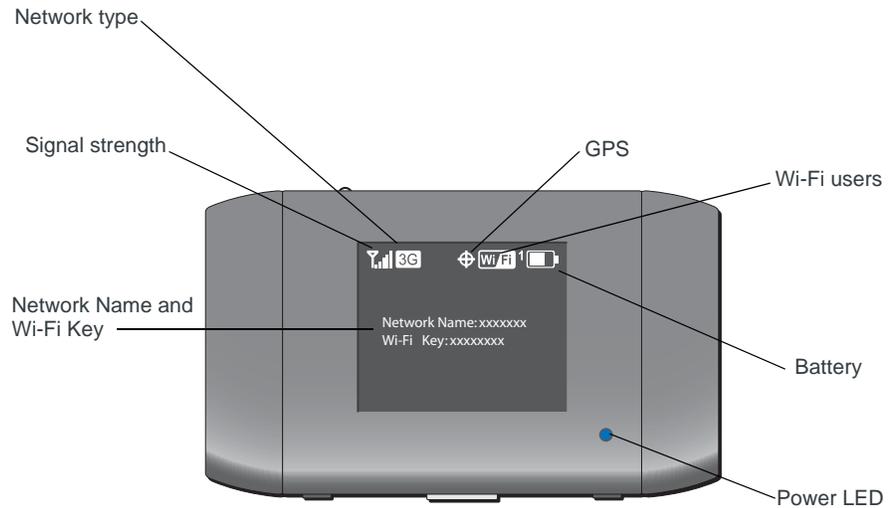
Icon	Indicates
	Signal strength The more bars the stronger the RF signal.
	No signal.
4G 3G 2G	The type of network available. 4G—LTE 3G—HSPA, HSPA+ 2G—EDGE, GPRS
4G 3G 2G	Network icon with a black background Service is available, but the Mobile Hotspot is not connected to the network.

Icon	Indicates
4G **3G** **2G**	Network icon with a white background The Mobile Hotspot is connected to the network.
✉	Messages You have messages or alerts. To view your messages and / or alerts, go to the homepage and click the Messages icon.
⊕	GPS When the icon is animated, the Mobile Hotspot is trying to obtain a satellite fix or is tracking a location.
Wi-Fi 1	Wi-Fi users The number beside the Wi-Fi icon shows the number of users (devices) connected to your Wi-Fi network.
Wi-Fi X	Wi-Fi radio is disabled. You can enable Wi-Fi on the device homepage. See The Wi-Fi radio is disabled icon appears on the LCD screen. on page 25.
🔋 🔋	Battery status Indicates the charge status of the battery. 4 bars —100−80% 1 bar — 29−10% Battery outline (No bars) — 9−0% Recharge immediately.
⚡	Battery charging
🔌	No battery. The Mobile Hotspot is powered on and connected to the AC charger.
USB	The battery is charging through a USB connection.
!	The exclamation mark (!) in the battery outline indicates that the battery is not recharging because the device is too hot to charge. Make sure there is room for air to circulate around the device. If the problem persists, move the device to a cooler environment.

LED

The blue LED on the top of the Mobile Hotspot flashes:

- Slowly to indicate that it is powered on
- Quickly when the firmware is being updated

Accessories

- Micro USB cable—Used mainly for recharging the battery, although you can also use it to tether the Mobile Hotspot to your computer
- AC adapter— Used to recharge the battery or to power the Mobile Hotspot from a wall socket

Optional accessories

Depending on your service provider, some or all of the following accessories may be included in the box (or you can purchase these from www.sierrawireless.com/wheretobuy/onlinestore/default.aspx):

- Rechargeable extended battery
- Car charger
- Desk cradle

Depending on your service provider, your box may also contain a microSD memory card or you can purchase one from an electronics store. The Mobile Hotspot supports microSD cards with a capacity of up to 32 GB. (Before purchasing a microSD card, check with your service provider to confirm that this feature is available.)

Power sources

You can power your Mobile Hotspot from:

- Rechargable battery included with the Mobile Hotspot
- USB port on your computer
- Wall socket using the AC adapter

You can also use any of the following optional items:

- Rechargeable extended battery
- Car charger
- Cradle

Battery life

Battery Life depends on a number of factors, including Wi-Fi strength and network signal strength. If your Mobile Hotspot is set for short range and you have good network signal strength, you can expect the battery to last about 4 hours.

Set up and connect to the Internet

Insert the SIM card

To insert the SIM card:

1. Remove the back cover.

2. Slide the SIM card holder to the Open position.
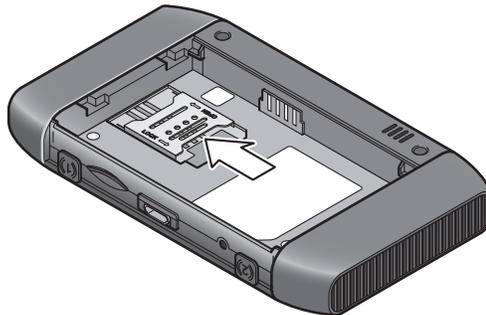
3. Lift the SIM card guard and place the SIM card underneath it.
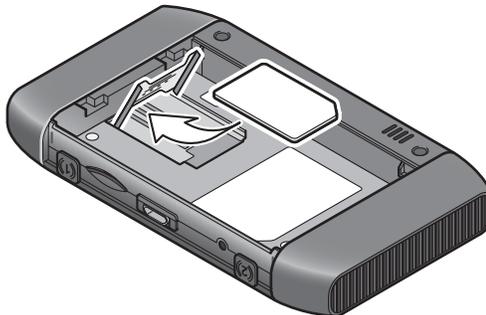
4. Lower the SIM card guard.
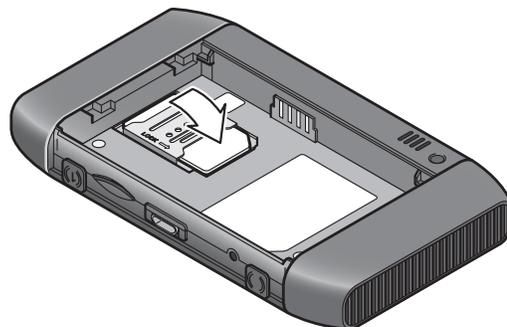
5. Slide the SIM card holder to the **Lock** position.
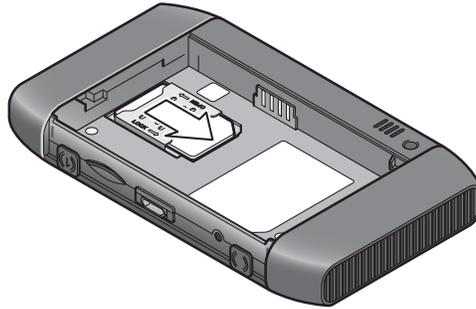
Install the battery

1. Insert the battery as shown in the illustration. Ensure that the gold contacts on the battery are lined up with the gold contacts on the device.

Battery

Gold contacts

Default
security credentials
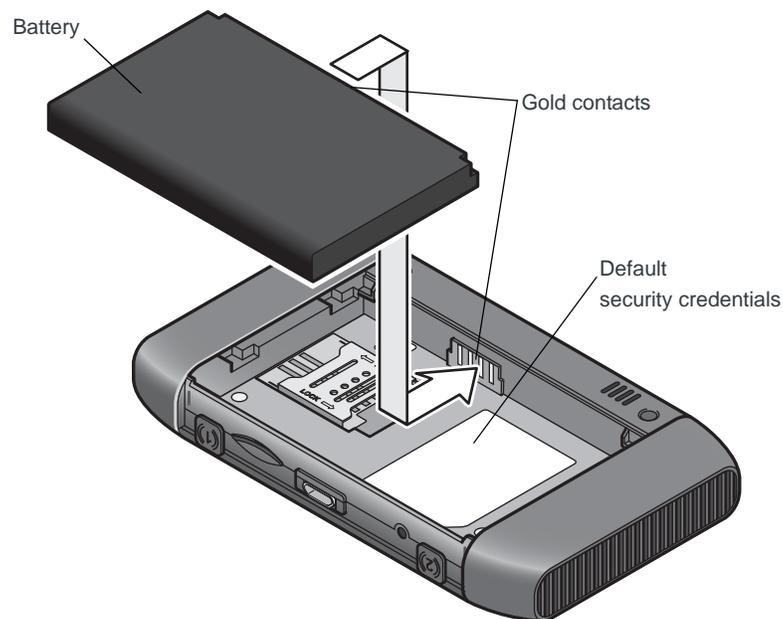
2. Replace the back cover.

Connect to the Internet

Note: Your Mobile Hotspot does not need to be connected to the computer with the USB cable to connect to the Internet. The USB cable is used mainly for recharging the battery. (Although you can also connect to the Internet with the Mobile Hotspot tethered to the laptop with the USB cable.)

To connect to the Internet:

1. Press and hold the power button for a few seconds.

2. The first time you connect to the Mobile Hotspot network, the LCD screen displays the message "Connect your computer to Wi-Fi network".

    The Wi-Fi SSID (Network Name) and the Wi-Fi Key are also shown on the LCD screen.

    Subsequent connections are automatic.

Note: The LCD screen may go into sleep mode to save power. To reactivate the LCD screen, press and quickly release the power button.

3. On your computer, view the list of available Wi-Fi networks.

4. Select the Wi-Fi SSID (Network Name) displayed on the Mobile Hotspot LCD screen, and connect to it.

5. When prompted, enter your Wi-Fi Key, as it appears on the Mobile Hotspot LCD screen.

6. Launch your browser to surf the Internet.

7. Depending on your service provider, you may be directed automatically to the Mobile Hotspot Homepage, where you can change the Wi-Fi Key, Admin Password and other settings.

    Optional: If you are not automatically directed to the Mobile Hotspot Homepage and you want to change any of the Mobile Hotspot settings, you can type in the homepage URL. (See Homepage for details.)

Note: To make changes to the Mobile Hotspot settings on the homepage, you must first log in as Administrator. See Homepage for details.

Homepage

Your Mobile Hotspot comes configured and ready to use, but if you want to change the security settings, the Wi-Fi SSID (Network Name) and other settings, go to your Mobile Hotspot's Homepage.

The URL for the homepage depends on your service provider. The homepage URL is shown on the LCD during setup and on the Dashboard. You can also find it in the Quick Start Guide that came with your Mobile Hotspot or contact your service provider for the URL.

To make changes to the settings on the homepage, you must be logged in as Administrator. The default Admin Password is printed on a label under the battery.

Admin login

Status and settings

AT&T **mobile hotspot**
baxter

enter admin password   login

(555)555-5555
[SSID name]

Ready to connect

AT&T   XX GB of data remaining

X Wifi connections

No messages

GPS On

Charging 56% complete

No MicroSD

Alert Sounds On

Device Passwords

Advanced Settings

About Baxter

Help

My Mobile Hotspot

104.2 MB / 00:30:45

SIERRA WIRELESS

power off   disconnect

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Virtual Mobile Hotspot

Power off

Connect / Disconnect

You can view some information about the device without being logged in as Administrator, but to view detailed information and to change any settings, you must be logged in as Administrator.

To log in as Administrator:

1. Place your cursor in the Admin Login Password field and type the default Admin Password (Available in the Quick Start Guide that came with your device or on a label under the battery).

2. Click OK.

Once you are logged in with the default Admin Password, you can view detailed information and change Mobile Hotspot settings, such as:

- Change the SSID, Wi-Fi Key, and Admin Password
- Set autoconnect options
- Set GPS options
- Track or map your location and find nearby amenities
- Set battery options
- View data usage
- Set audio alerts
- Change advanced settings such as security settings and router options

For information on changing the settings, click the Help icon or press F1.

Passwords

There are two passwords associated with the Mobile Hotspot:

- Wi-Fi Key— Used to connect to your Mobile Hotspot network. The Security Key Wi-Fi Key is unique to your device. It is displayed on the main Mobile Hotspot LCD screen and on the Dashboard (if this feature has not been disabled), If the screen is blank (a power-saving feature) press and quickly release the Power button to view the information on the screen. The default Wi-Fi Key also appears on the label under the battery.

- Admin Password— Used to log into the homepage as Administrator. You must be logged in as Administrator to use certain features and to make changes to your Mobile Hotspot settings. The default Admin Password is printed on a label under the battery.

2: Use Your Mobile Hotspot 2

This chapter provides information on how to use your Mobile Hotspot.

Connect other wireless devices

You can connect up to 5 wireless devices such as a cell phone, digital camera, printer, gaming console, or digital picture frame to your Mobile Hotspot network.

To connect a wireless device:

1. On your wireless device, view the list of available Wi-Fi networks.
2. Connect to the network that corresponds to your Mobile Hotspot network, as displayed on the LCD.
3. When prompted, enter the Wi-Fi Key for your Mobile Hotspot network. The Wi-Fi Key is displayed on the Mobile Hotspot LCD screen and Dashboard. If the screen has turned off to save power, press and quickly release the Power button to reactivate the screen.

Set audio alerts

You can configure your Mobile Hotspot to sound an alert when the status changes. For example:

*   When the connection status changes
*   When you receive an SMS message (Depending on your service provider, SMS messages may not be supported.)
*   When the battery is low
*   When the Mobile Hotspot enters or leaves standby mode

To turn off all audio alerts:

1. Turn the mute switch on the side of the Mobile Hotspot off. (The red rectangle is visible.)

To choose which changes in status are accompanied by an audio alert:

1. Go to the Mobile Hotspot Homepage and log in as Administrator. (See Homepage on page 14.)
2. Click the Speaker icon and change the settings. For more information, click the **Help** icon.

View your GPS location

1. Go to the Mobile Hotspot Homepage and log in as Administrator. (See Homepage on page 14.)

2. Click the **GPS** icon.

3. Choose the **GPS Mode** (One-time satellite fix or Continuous tracking).

4. Click **Save**.

5. To view your location on a map and search for nearby amenities, click the **Map Me** icon.

Use the microSD card

Note: Depending on your service provider, the microSD card may not be supported.

Your Mobile Hotspot is equipped with a microSD reader. You can use this feature to store information on the Mobile Hotspot and to share those files with others who have access to your Mobile Hotspot network.The Mobile Hotspot supports microSD cards with up to 32 GB capacity.

To use the microSD card to store and share files:

1. Remove the back cover.
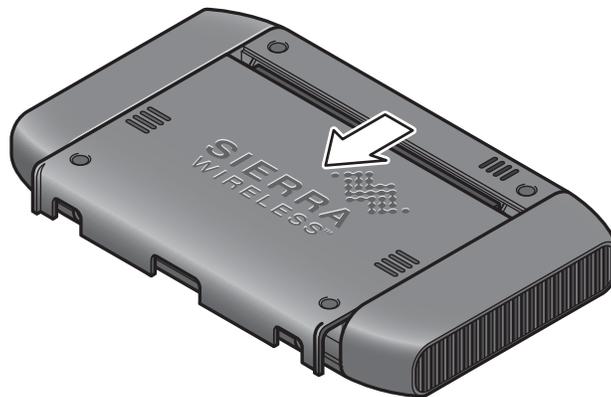
2. Insert the microSD card as shown in the illustration.
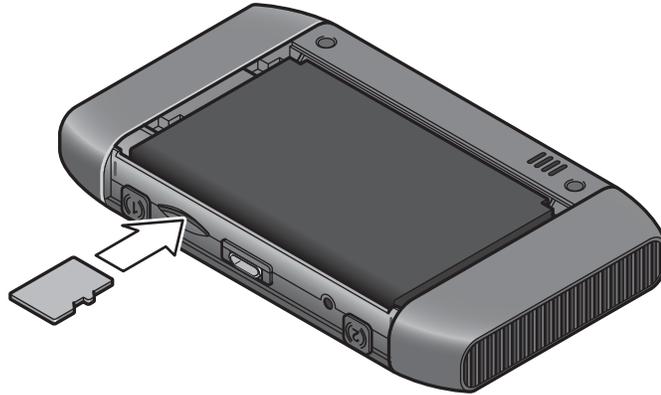
3. Replace the back cover.

4. Go to the Mobile Hotspot homepage and log in as Administrator. (See Homepage on page 14)

5. Click the microSD icon to manage files on the microSD card. (For detailed instructions, click the Help icon.)

View SMS messages and alerts

Your Mobile Hotspot can receive SMS messages from your service provider. Messages appear on the Mobile Hotspot LCD screen Dashboard or you can view them on the device homepage. (See Dashboard mode on page 8.)

Depending on how the audio alert is configured, you can receive an audio alert when the Mobile Hotspot receives an SMS message (or you may be able to configure it to do so in the homepage. For more information, see Set audio alerts on page 17.)

Recharge the battery

The battery comes partially charged. You can recharge the battery from a wall socket or from the USB port on your computer.

To recharge the battery from a wall socket:

1. Attach one end of the micro USB cable to the Mobile Hotspot and attach the other end to the AC adapter (included).
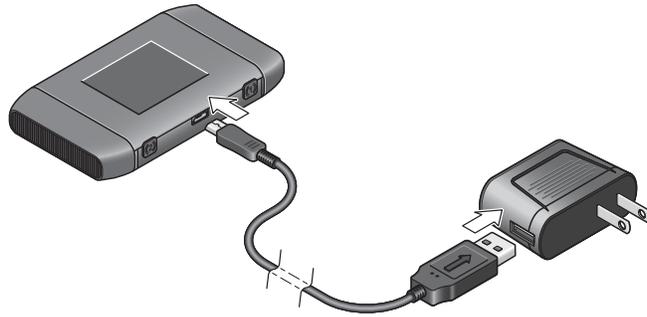
2. Plug the AC adapter into a wall socket. An animated battery icon indicates that the battery is charging.
3. The battery icon on the LCD screen indicates when the battery is fully charged.

Note: The LCD goes blank after a set time to save on battery life. To view the LCD, press and quickly release the Power button.

To recharge the battery from the USB port on your computer:

1. Attach one end of the micro USB cable to the Mobile Hotspot and plug the other end into the USB port on your computer. An animated battery icon indicates that the battery is charging.
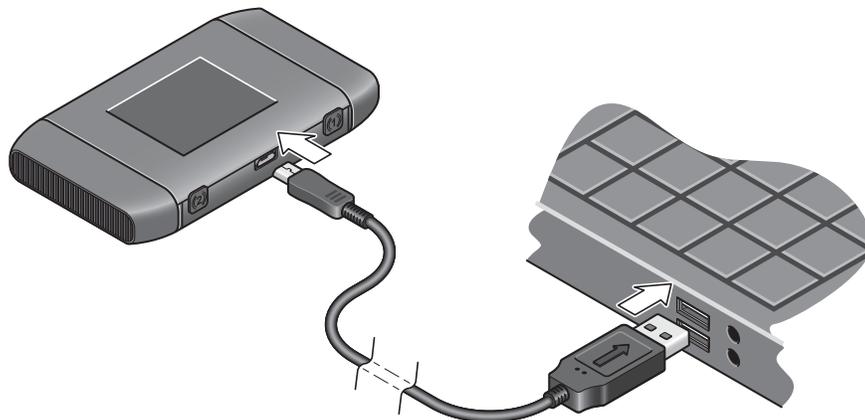
2. The battery icon on the LCD screen indicates when the battery is fully charged.

3: Frequently Asked Questions

3

This chapter provides answers to questions you may have about your Mobile Hotspot. (Also see Troubleshooting on page 25.)

What do I do if I forget my Wi-Fi Key or Admin Password?

The Security Key appears on the LCD and the Dashboard, unless you have configured it not to show.

The default Admin Password is printed on a label under the battery.

If you have changed either of these and then forgotten them, you'll need to reset the device to the factory state and then use the default Wi-Fi Key and Admin Password (on the label under the battery) to connect to the Wi-Fi network and log in as Administrator. (See Reset the Mobile Hotspot on page 26.)

How do I disconnect from the network?

- On the Mobile Hotspot Homepage, click **Disconnect** (below the virtual Mobile Hotspot).
- Press and hold the **Power** button for a few seconds to turn off the Mobile Hotspot.

I can't see the Connect / Disconnect button on the Homepage.

The Connect / Disconnect button is only visible when you are logged in as Administrator.

To log in as Administrator:

1. Place your cursor in the Admin Login Password field on the Homepage and type the default Admin Password (Available in the Quick Start Guide that came with your device or on a label under the battery).
2. Click **OK**.

How can I extend the life of the battery?

There are several strategies you can use to extend the battery life.

If the computer and other devices you are connecting to your Wi-Fi network are always close to the Mobile Hotspot device, you can increase the battery life by shortening the Wi-Fi range.

1. Go the Mobile Hotspot Homepage and log in as Administrator. (See Homepage on page 14.)
2. Click the battery icon and select **Short Wi-Fi range**.

3. Click **Save**.

You can also extend the battery life by adjusting the Power LED and LCD backlight settings.

1. On the Homepage, click **Advanced Settings**.

2. Select the **Device** tab and then select **Display**.

3. Set the desired options. For example, you can:
- Turn the Power LED and LCD backlight off.
- Set the time after which LCD backlight turns off. (The shorter the time; the longer the battery life.)
- Set the LCD backlight to **DIM**.

4. Set Wi-Fi range to short.

Another way to extend the battery life is to adjust the Standby Timer. The Standby Timer sets the length of time the Mobile Hotspot remains active when no devices are connected to the Wi-Fi network.

To set the Standby Timer:

1. On the Homepage, click **Advanced Settings**.

2. Select the **Device** tab and then select **Basic**.

3. In the drop-down list beside Standby Timer on Battery, select the desired time. (The shorter the time; the longer the battery life.)

There is an extended battery for the Mobile Hotspot available from www.sierrawireless.com/en/wheretobuy/onlinestore/default.aspx.

How do I turn the Mobile Hotspot off?

To turn off the Mobile Hotspot, press and hold the Power button for a few seconds, or click the **Power off** button on the homepage.

How do I find out how many users are connected to my Mobile Hotspot network?

The number beside the Wi-Fi icon on the Mobile Hotspot LCD shows the number of users (or devices) connected to your Wi-Fi network. For more details about the devices or users connected to your network, go to the Mobile Hotspot Homepage, log in as Administrator, and click the **Connected Users** icon.

Note: You can also use the options on the homepage to block particular users from connecting to your network. For details, go to the Mobile Hotspot Homepage and click the Help icon.

The LCD screen is not lit. How do I know if the Mobile Hotspot is still powered on?

The LCD screen dims to save energy. The blue LED continues to flash (provided you have not turned this feature off) to indicate that the Mobile Hotspot is still powered on. To reactivate the LCD, press and quickly release the Power button.

How do I access information on the microSD card?

You can access the files on the microSD memory card through the Mobile Hotspot homepage. Go to the homepage and click the microSD icon. For detailed instructions on accessing, saving and deleting the files, click the Help icon.

Note: Depending on your service provider, the microSD card may not be supported.

Where can I find more information?

- View the Online Help:
  1. Go to the Mobile Hotspot Homepage. (See Homepage on page 14.)
  2. Click the **Help** icon.
- Go to www.sierrawireless.com/support and select your service provider and product. From the Sierra Wireless Web site, you can:
  - Update the firmware on your device
  - View tutorials
- Refer to the Quick Start Guide that came with your Mobile Hotspot.

4: Troubleshooting

This chapter provides suggestions for troubleshooting problems that may arise when using your Mobile Hotspot.

The Mobile Hotspot network name does not appear in the list of networks.

Refresh the list of networks.

1. Ensure that the Wi-Fi setting on your laptop (or other device) is turned on.
2. Ensure that Wi-Fi is enabled on the Mobile Hotspot. (The Wi-Fi icon on the LCD should not have an "x" beside it [Wi-Fi X] .)

If you need to enable Wi-Fi on the Mobile Hotspot:

1. Use the USB cable to tether the Mobile Hotspot to your laptop. (The first time you do this, it will take a few moments for the drivers to install.)
2. Launch your browser and go to the Mobile Hotspot Homepage.
3. Click the Wi-Fi users icon ([Wi-Fi]).
4. Under Enable Wi-Fi, select On.
5. Click Save.

The No Signal icon appears on the LCD screen.

If the No Signal icon ([Tx]) appears on the LCD screen, make sure you are in the coverage area for your service provider.

The Wi-Fi radio is disabled icon appears on the LCD screen.

If the Wi-Fi radio is disabled icon ([Wi-Fi X]) appears on the LCD screen:

1. Use the USB cable to tether the Mobile Hotspot to your laptop.
2. Launch your browser and go to the Mobile Hotspot Homepage.
3. Click the Wi-Fi users icon ([Wi-Fi]).
4. Under Enable Wi-Fi, select On.
5. Click Save.

Reset the Mobile Hotspot

There are two types of resets:

- Soft Reset—Restarts the Mobile Hotspot, but does not revert to the default setting for the Wi-Fi SSID (Network Name), Wi-Fi Key, or Admin Password.

  Use this when you want to restart the Mobile Hotspot because of an error.

- Hard Reset—Restarts the Mobile Hotspot AND resets the default setting for the Wi-Fi SSID (Network Name), Wi-Fi Key, or Admin Password.

  Use this when you want to revert to the default values.

To reset the Mobile Hotspot:

1. Remove the back cover.
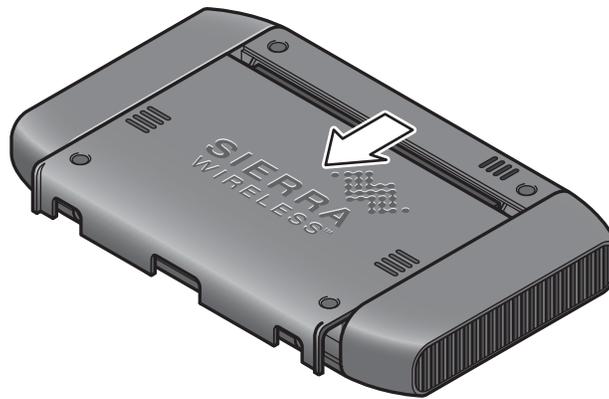
2. Press the Reset button:
   - Soft Reset (Restarts the device): Press and quickly release the Reset button.
   - Hard Reset (Reverts to factory settings): Press and hold the Reset button for 5 to 10 seconds.
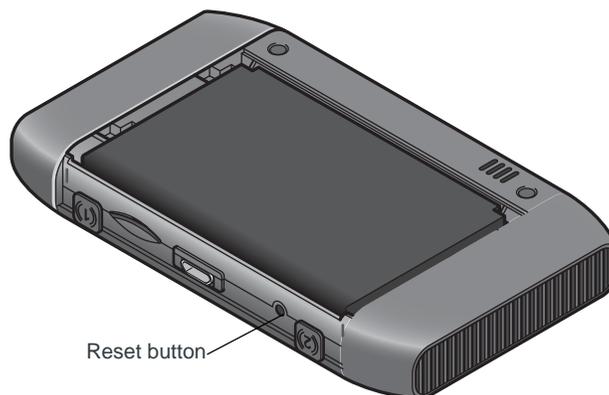
Reset button

3. When prompted on the LCD to do so, press the Power button to confirm the reset.

Alerts

SIM not installed

Ensure that the SIM card is installed correctly. See Insert the SIM card on page 11.

SIM Error — Check SIM

Ensure that the SIM card inserted in the Mobile Hotspot is from the service provider that you have your Mobile Hotspot account with. If there is still a problem, contact your service provider.

SIM Locked

1. Contact your service provider for the PIN to unlock the SIM.
2. Go to the Mobile Hotspot Homepage. (See Homepage on page 14.)
3. Log in as Administrator. (See Passwords on page 16.)
4. Click the **Advanced settings** icon.
5. Click the **WAN** tab and then click the **SIM** tab. Enter the PIN and click **Save**.

Temperature-related alerts

The Mobile Hotspot is designed to work over a wide temperature range. (See Environmental specifications on page 31 for details.) If you are outside that temperature range, the Mobile Hotspot issues an alert.

Move the device to an area where the temperature is more suitable and if the Mobile Hotspot is too warm, make sure the area is well-ventilated and air can circulate around the device.

Note: The battery may not recharge if the Mobile Hotspot is outside the operating temperature range.

microSD Card Error

Ensure that the microSD function on your Mobile Hotspot is enabled.

1. Go to the Mobile Hotspot Homepage.
2. Click the **microSD** icon.
3. Select **Enable**, and click **Save**.

Try using another microSD card.

The reset function has been disabled on this device. If you need help, contact your system administrator.

System startup failed; Power off and restart

Error; System restore required

WPS Setup Failed; Device not connected!

The device you are trying to connect may not be WPS-enabled.

1. Open the Wi-Fi menu on the device you are trying to connect to the Wi-Fi network.
2. Select your Network Name from the list of available Wi-Fi networks.
3. Select connect and when prompted, enter your Wi-Fi Key.

Connection Alerts

If you receive any of the following connection alerts, contact your service provider's tech support department and provide them with the name and number of the alert.

8	Operator Determined Barring
25	LLC or SNDCP failure
26	Insufficient resources
27	Missing or unknown APN
28	Unknown PDP address or type
29	User authentication failed
30	Activation rejected by GGSN
32	Service Option not supported
33	Service Option not subscribed
34	Service Option temporarily out of order
36	Regular deactivation
37	QOS not accepted
38	Network failure
39	Reactivation required
40	Feature not supported
41	Semantic error in the TFT operation
42	Syntactical error in the TFT operation

43	Unknown PDP context
44	PDP context without TFT already activated
45	Semantic errors in packet filter(s)
46	Syntactical errors in packet filter(s)
67	Connection error
81	Invalid transaction identifier value
95	Semantically incorrect message
96	Invalid mandatory information
97	Message type non-existent or not implemented
98	Message type not compatible with the protocol state
99	Information element non-existent or not implemented
100	Conditional IE error
101	Message not compatible with the protocol state
111	Protocol error, unspecified
256	Invalid Connection ID
257	Invalid NSAPI
258	Invalid PRI NSAPI
259	Invalid Field
260	SNDCP Failure
261	RAB Setup Failure
262	No GPRS Context
263	PDP Establish Max Timeout
264	PDP Activate Max Timeout
265	PDP Modify Max Timeout
266	PDP Inactivate Max Timeout
267	PDP Lower layer Error
267	PDP Duplicate
267	UE RAT Change

5

>> 5: Specifications

Mechanical specifications

Weight	100g (3.53 oz.)
Length	96 mm (3.78 in.)
Width	57 mm (2.24 in.)
Thickness	16.5 mm (0.65 in.)

Environmental specifications

Operating temperature	0° C to 35° C (32° F to 95° F)
Storage temperature	-10° C to +65° C, 96 hours (14° F to +149° F)

6: Regulatory and Safety Information

Notice

Because of the nature of wireless communications, transmission and reception of data can never be guaranteed. Data may be delayed, corrupted (that is, have errors), or be totally lost. Although significant delays or losses of data are rare when wireless devices such as the Sierra Wireless mobile hotspot are used in a normal manner with a well-constructed network, the Sierra Wireless mobile hotspot should not be used in situations where failure to transmit or receive data could result in damage of any kind to the user or any other party, including but not limited to personal injury, death, or loss of property. Sierra Wireless and its affiliates accept no responsibility for damages of any kind resulting from delays or errors in data transmitted or received using the Sierra Wireless mobile hotspot, or for failure of the Sierra Wireless mobile hotspot to transmit or receive such data.

Safety and hazards

The mobile hotspot **MUST BE POWERED OFF** in all areas that may be susceptible to radio interference, in particular:

- Prohibited areas

  Obey all signs and notices and follow all rules and regulations. Power off the mobile hotspot when instructed to do so or when you suspect that it may cause interference or danger.

- In areas where blasting is in progress

- Where explosive atmospheres may be present

  Areas with a potentially explosive atmosphere are not always clearly marked. Such areas include gas stations, fuel depots, chemical transfer or storage facilities, areas where blasting is in progress, areas where the air contains chemicals or particles such as grain, dust, or metal powders, and any other area where you would normally be advised to turn off your cellular phone or vehicle engine.

- Near medical or life-support equipment

  Medical equipment may be susceptible to any form of radio interference. In such areas the mobile hotspot can transmit signals that could interfere with this equipment.

- On board aircraft

  In addition to Federal Aviation Authority (FAA) requirements, many airline regulations state that you must suspend wireless operations before boarding an aircraft. The mobile hotspot is capable of transmitting signals that could interfere with various onboard systems and controls.

Failure to observe this instruction may lead to suspension or denial of cellular telephone services to the offender, legal action, or both.

Some airlines may permit the use of cellular phones while the aircraft is on the ground and the door is open. The mobile hotspot may be used normally at this time.

- While operating a vehicle

  The driver or operator of any vehicle should not use a wireless data device while in control of a vehicle. Doing so detracts from the driver or operator's ability to control and operate the vehicle. In some countries, using such communications devices while in control of a vehicle is an offence.

Proper Battery Use and Disposal

Note: Improper battery use may result in a fire, explosion, or other hazard.

To ensure safe and responsible battery use:
- Do not open, disassemble, puncture, crush, bend, or shred.
- Do not expose to water or other liquids, fire, explosion, or other hazards.
- Use the battery only in the Mobile Hotspot.
- If using with a charger, use only the charger supplied with the Mobile Hotspot.
- Do not short circuit the battery.
- When replacing a battery, use the same model of battery that was supplied with the Mobile Hotspot.
- Follow local regulations when disposing of a used battery.
- Avoid dropping the Mobile Hotspot or the battery. If dropped and you suspect damage, take it to a service center for inspection.

Regulatory information for North America

CAUTION: Unauthorized modifications or changes not expressly approved by Sierra Wireless, Inc. could void compliance with regulatory rules, and thereby your authority to use this equipment.

- International Commission on Non-Ionising Radiation Protection (ICNIRP) 1998, *Guidelines for limiting exposure to time-varying electric, magnetic, and electromagnetic fields (up to 300 GHz)*

Caution: *The Sierra Wireless mobile hotspot must be 1 cm or more from users during operation, to satisfy FCC / IC RF exposure requirements.*

This device complies with Part 15 of the FCC Rules. Operation is subject to the condition that these devices do not cause harmful interference.

Where appropriate, the use of the equipment is subject to the following conditions:

Warning: **(EMI)** *– United States FCC Information – This equipment has been tested and found to comply with the limits pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in an appropriate 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 inter-ference to radio communication. 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:

- 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

If you have purchased this product under a United States Government contract, it shall be subject to restrictions as set forth in subparagraph (c)(1)(ii) of Defense Federal Acquisitions Regulations (DFARs) Section 252.227-7013 for Department of Defense contracts, and as set forth in Federal Acquisitions Regulations (FARs) Section 52.227-19 for civilian agency contracts or any successor regulations. If further government regulations apply, it is your responsibility to ensure compliance with such regulations.

Index