MF975S

User Guide

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Table of Contents

Introduction 1
- Before You Begin 1
- Operating Environment (Compatible OSs) 1
- Package Contents 3
- SSID and Security Key 3
- Additional Information 3
- Trademarks 4

Get Started 5
- Parts and Functions 5
- Home Screen 6
  - Home Screen Layout 6
  - Status Bar Icons 7
  - Touch Menu Icons 7
  - Sleep Mode 8
  - Touchscreen Use 9
  - Text Entry Window 10
- Data Transfer Volume and Transfer Speed 11
- USIM Card 11
  - Handling a USIM Card 11
  - Insert a USIM Card 12
  - Remove the USIM Card 13
- Battery Use 14
  - Insert the Battery 15
  - Remove the Battery 16
  - Check the SSID and Security Key 17
  - Charge the Battery 19
- Turn Your Device On and Off 22

Connect with Wi-Fi (WLAN) 24
- Wi-Fi (WLAN) Overview 24
- Activate Wi-Fi (WLAN) Function 24
- Connect Windows PCs with Wi-Fi 25
  - Windows 8 25

Windows 7 27
Connect Mac Computers with Wi-Fi 31
Connect iPhone/iPod Touch/iPad 33
Connect an iPhone or and iPod Touch 33
Connect an iPad 36
Connect an Android™ Device 39
Connect WPS Supported Wi-Fi Devices 42
Connect with Micro USB Cable (Windows) 44
Device Recognition and Removal – Windows PC USB Connection 44
Device Recognition – Windows PC USB Connection 44
Device Removal – Windows PC USB Connection 45
Software Installation – Windows PC USB Connection 46
Connect with Micro USB Cable (Mac) 48
Device Recognition and Removal – Mac USB Connection 48
Device Recognition – Mac USB Connection 48
Device Removal – Mac USB Connection 49
Network Setup – Mac USB Connection 50
Settings 51
Web UI Overview 51
Web UI Window 51
Appendix 53
Troubleshooting 53
Specifications 55
Warranty and Service [describe per carrier] 57
Warranty 57
Services 58
Safety and Notices 59
Safety Precautions [describe per carrier] 59
Labels and Symbols [describe per carrier] 59
[xxxxx] [describe per carrier] 59
Mobile Broadband Device [describe per carrier] 61
USIM Card and Memory Card [describe per carrier] 63
AC Charger and Micro USB Cable [describe per carrier] 64
Mobile Broadband Device Use and Electronic Medical Equipment [describe per carrier] 65
General Notes [describe per carrier] 66

General Use [describe per carrier] 66
Handling the Device [describe per carrier] 66
Wi-Fi (Wireless LAN) [describe per carrier] 67
RF Exposure Information and Specific Absorption Rate (SAR) Information [describe per carrier] 67
Specific Absorption Rate (SAR) Information for this Product [describe per carrier] 67
Electromagnetic Safety Information [describe per carrier] 67
European RF Exposure Information [describe per carrier] 68
Index 69

Introduction

The following topics describe the basics of using this guide and your new mobile broadband device.

Before You Begin

Thank you for purchasing your new MF975S. The following topics explain how best to use this guide to get the most out of your mobile broadband device.

Before Using Your Device

Read "Safety and Notices" thoroughly for proper usage.

Accessible services may be limited by subscription contract conditions.

Guide Usage Notes

Note that most descriptions in this guide are based on your device's default settings at the time of purchase.

Screenshots and Key Labels

Screenshots and Key labels are provided for reference only. Actual windows, menus, etc. may differ in appearance.

Other Notations

In the user guide, the mobile broadband device may be referred to either as "mobile broadband device," "hotspot," "device," or "Wi-Fi router." A microSD™ or microSDHC™ card is referred to as an "SD Card" or a "memory card."

Operating Environment (Compatible OSs)

The table below outlines the compatible operating environments for your device. Use outside these environments may affect performance. Additional factors (hardware, connected peripherals, installed applications, etc.) may also affect performance.

- For computer support, OS version upgrade information, etc., see the corresponding manufacturer's product support documentation.
- The information for operating environment (compatible OSs) listed below is the current information for your device sold as of [month year]. Check [xxxxxx] for the latest information in regards to operating environment.

Item	Description
Compatible Operating Systems (OSs)	Windows XP Home Edition Service Pack 3 Windows XP Professional Service Pack 3 Windows XP (64-bit) Windows Vista Home Basic (32-bit or 64-bit) Windows Vista Home Premium (32-bit or 64-bit) Windows Vista Business (32-bit or 64-bit) Windows Vista Ultimate (32-bit or 64-bit) Windows 7 Starter (32-bit) Windows 7 Home Basic (32-bit or 64-bit) Windows 7 Home Premium (32-bit or 64-bit) Windows 7 Professional (32-bit or 64-bit) Windows 7 Ultimate (32-bit or 64-bit) Windows 8 (32-bit or 64-bit) Windows 8 Pro (32-bit or 64-bit) Mac OS X 10.6 to 10.8 Compatible OS includes both English and Spanish versions.
Available Hard Disk Capacity	50 MB required (100 MB+ recommended) (common to all Operating Systems listed above)
Recommended Resolution	1024 x 768 or higher
Compatible Browser	Microsoft Internet Explorer 7.0 or later Mozilla Firefox 22.0 or later Safari 4.0 or later Opera 15.0 or later Google Chrome 28.0 or later

Package Contents

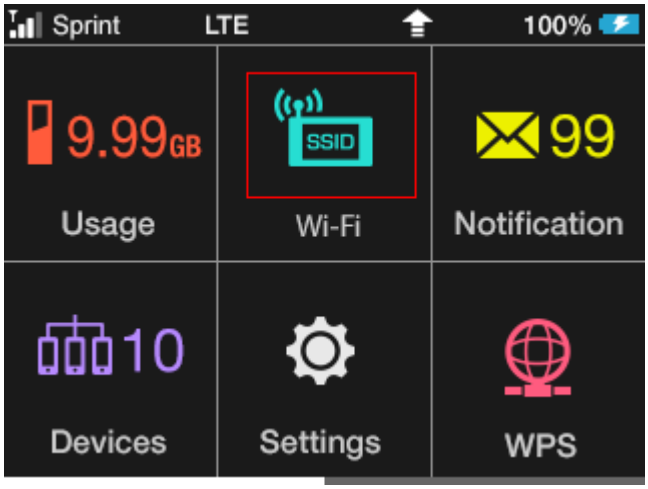
See below for details on everything you will find in the box for your MF975S.

- Packet Wi-Fi
- Standard Lithium Ion (Li-ion) Battery
- AC Charger
- USB Cable
- Get Started Poster
- Important Information Booklet (including terms and conditions of service)
- Wireless Recycling Envelope

SSID and Security Key

Before connecting Wi-Fi devices to your MF975S, you will need to confirm the SSID (network name) and security key.

- From home, select **Wi-Fi**.



  - You will see the SSID (network name) and Security Key.

Note: There are two SSIDs set for your [device name]. By default, [xxxxx] is set as security for [xxxxx].

Additional Information

The following list describes additional information useful to know before you begin using your MF975S.

- Your mobile broadband device accommodates software updates. Always use the latest software.

- Note that connection speeds may drop or connections may be disabled depending on line traffic or connection environments.
- When using WLAN overseas, change the settings according to the laws of those countries.
- To enhance security, it is recommended that you set a passcode for unlocking the screen.

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Get Started

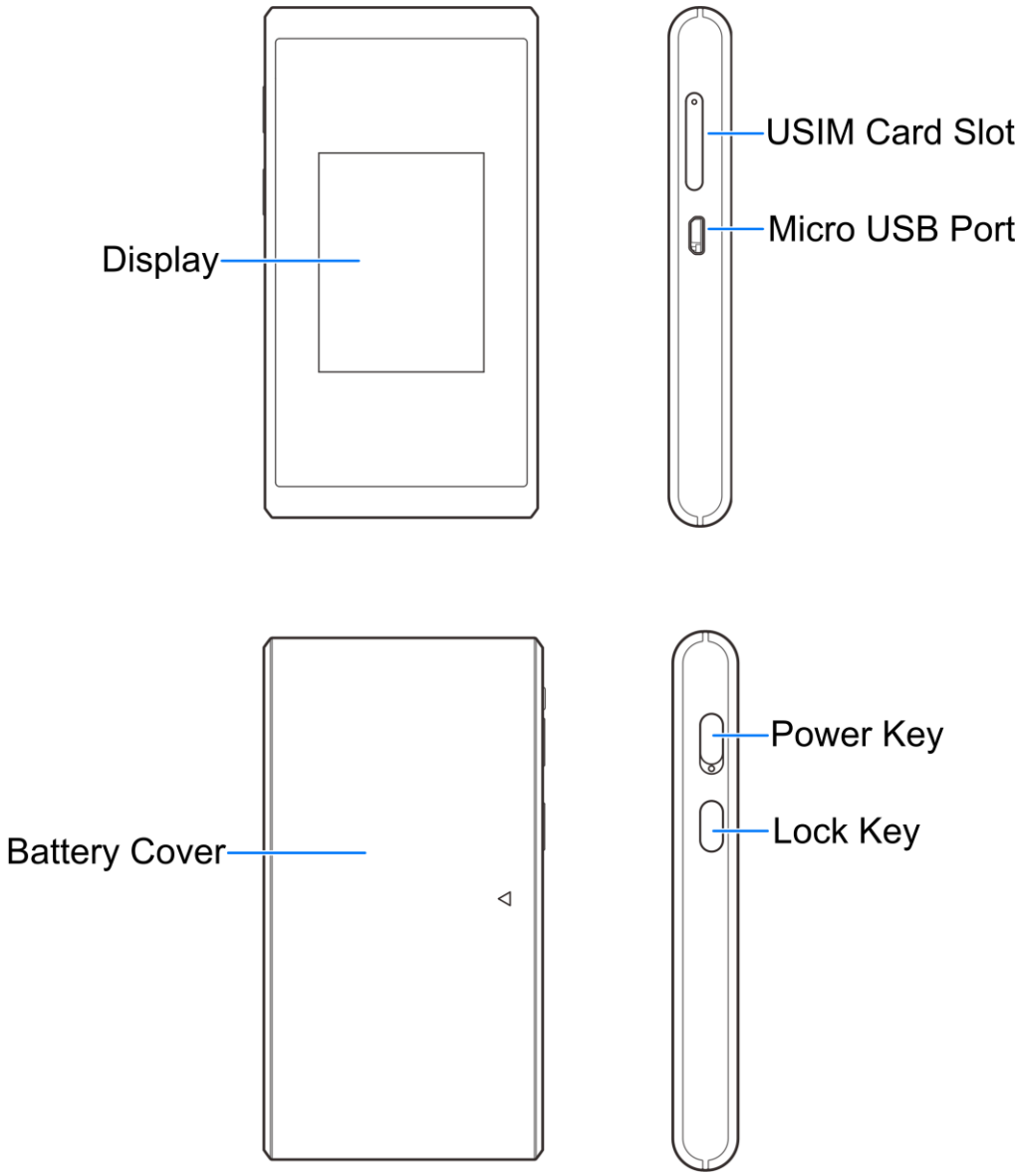
The following topics give you all the information you need to set up your device and wireless service the first time.

Parts and Functions

Learn your device's primary parts and functions.

Device Layout

The following illustration outlines your device's primary external features and buttons.



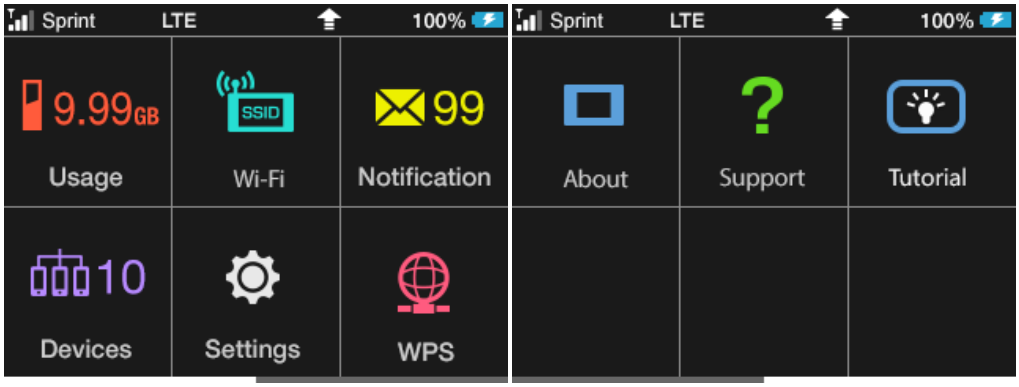
Part	Description
Display	View device status. Use touchscreen gestures (tap, swipe, flick, etc.) to access menus and additional screens.
USIM Card Slot	Install the USIM card.
Micro USB Port	Connect the micro USB cable for charging or tethered connections.
Battery Cover	Remove the battery cover to remove or insert the battery.
Power Key	Toggle power on or off.
Lock Key	Press to lock or unlock the LCD screen.

Home Screen

The following topics describe the details of your device's home screen layout, icons, touchscreen usage, and text entry.

Home Screen Layout

Explore your device's home screen layout.



Part	Description
Status Bar	Displays status indicators including connection status, signal strength, battery level, and more.
Touch Menu	Access the device options through the touchscreen menus.

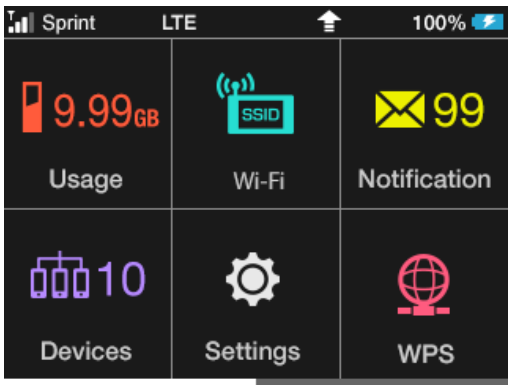
Status Bar Icons

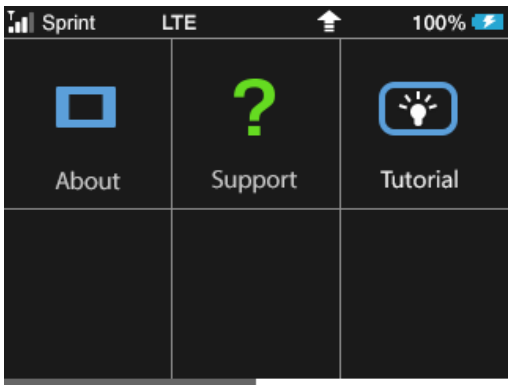
The home screen's status bar may feature the following icons, depending on current status.

Icon	Description
	Mobile networks disconnected
	Out of service area
	Internet Wi-Fi available/Wi-Fi signal level
	Battery full
	Battery low
	No battery (charging required)

Touch Menu Icons

Tap the **Touch Menu** icon to access your device's settings and notifications.





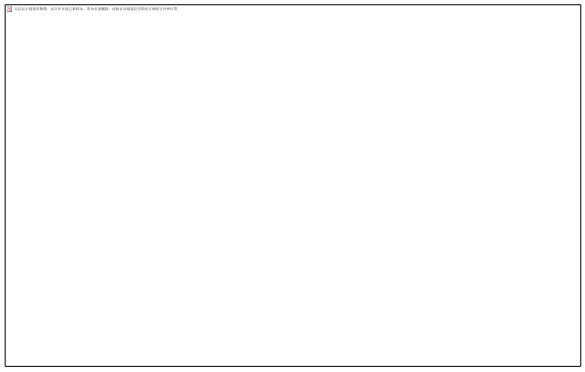
Menu Option	Description
Usage	Show mobile network data usage, etc.
SSID Wi-Fi	Show and set SSID and security key for your device

Menu Option	Description
Notification	Show the messages received
Devices	Show the number of connected devices
Settings	Make settings for software update, roaming, display brightness, sleep mode, passcode for screen lock
WPS	Set the WPS function.
Information	Show your device's phone number, software version and URL for the WEB UI
Support	Show help for icons on display
Tutorial	

Sleep Mode

If your mobile broadband device is not used for a while, the display enters sleep mode and turns off automatically.

- Press the lock key to wake the screen.



❖ The screen will illuminate and the touchscreen options will become active.

- If there have been no transmissions or operation of your device, or if the battery has not been charged, your device enters sleep mode to save power.
- In sleep mode, WLAN is disabled.
- Press the power key to turn the display on and exit sleep mode. WLAN function is enabled and Wi-Fi devices can reconnect to the [device name].

- The time required to recover the network connection varies by environment, settings, etc.

Tip: Use the device settings menu to set a sleep activation timer.

Touchscreen Use

Your device's touchscreen lets you control actions through a variety of touch gestures.

Tap or Touch

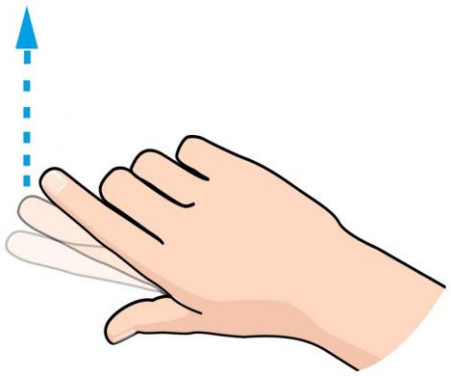
When you want to select items onscreen such as menu icons, or press onscreen buttons, simply tap or touch them with your finger.

Swipe or Slide

To swipe or slide means to quickly drag your finger vertically or horizontally across the screen.

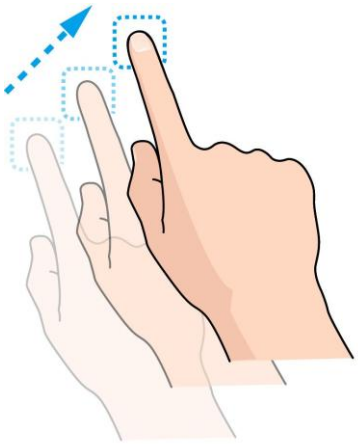
Flick

Flicking the screen is similar to swiping, except that you need to swipe your finger in light, quick strokes. This finger gesture is always in a vertical direction, such as when flicking the contacts or message list.



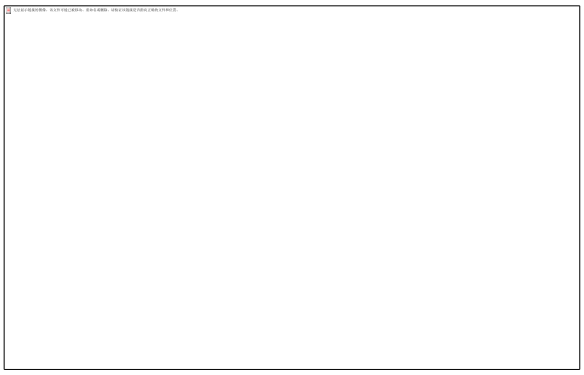
Drag

To drag, touch and hold an onscreen item, move it where desired, and then release your finger.



Text Entry Window

Where applicable, use onscreen keyboards for text entry.



Item	Description
Entry Box	Text entry.

Item	Description
Cursor	Show entry position.
Keyboard	Entry key.
Entry mode (Symbol)	Symbol entry window opens.
Entry mode (alphabet, numbers)	Toggle letters and numbers.
Delete	Delete a character before the cursor.
Space	Enter a space.
Fix	Confirm text entry.

Data Transfer Volume and Transfer Speed

[optional content describing data transfer speeds using various network types, e.g., 4GLTE, 3G, etc.]

Wireless Mode	Maximum Downlink Speed	Typical Downlink Speed
Sprint Spark Enhanced 4G LTE	xx Mbps	xx – xx Mbps
4G LTE	xx Mbps	xx – xx Mbps
3G	xx Mbps	xx – xx Mbps

Note: Actual speeds depend on several factors, including network conditions.

USIM Card

The USIM card is an IC card containing phone number and other customer information.

Handling a USIM Card

Keep the following in mind when handling a USIM card.

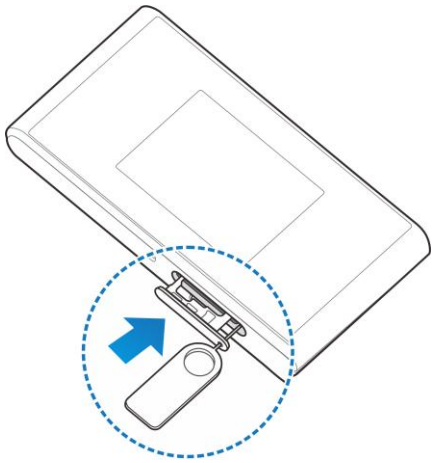
- Customer is responsible for any damage caused by inserting USIM Card in another-brand IC card reader, etc. The company is not responsible in such case.
- Always keep the IC chip clean.
- Wipe clean with a dry, soft cloth.

- Avoid applying labels. May damage USIM Card.
- See instructions included with USIM Card for handling.
- USIM Card is the property of the company.
- USIM is replaceable (at cost) in case of loss/damage.
- Return USIM Card to the company when cancelling subscription.
- Returned USIM Cards are recycled for environmental purposes.
- Note that USIM Card specifications and performance may change without notice.
- It is recommended that you keep a separate copy of information that is stored on USIM Card. The company is not responsible for damages from stored information that is lost.
- Always follow emergency procedures to suspend service if your USIM Card or device (USIM Card inserted) is lost/stolen. For details, contact Customer Service.
- Always power off the mobile broadband device before inserting/removing USIM Card.

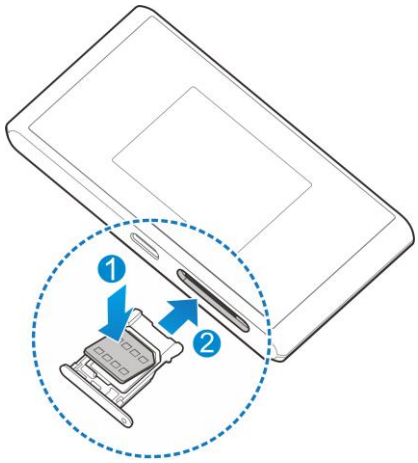
Insert a USIM Card

Follow these instructions to insert a USIM card. Remember to power off your device before inserting a USIM card.

1. Open the USIM card slot.



2. Insert USIM card.

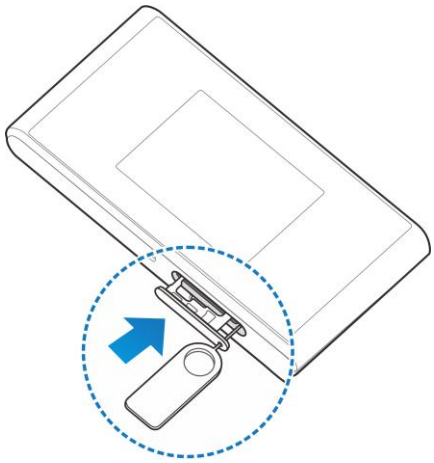


- Insert gently with gold IC chip facing up.

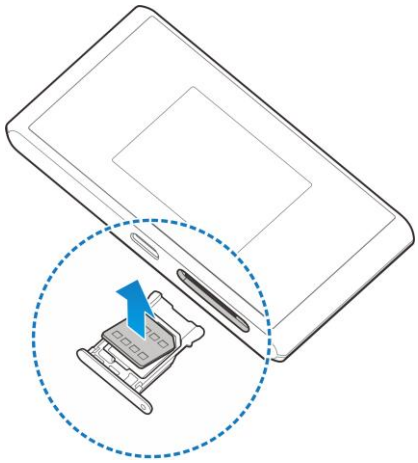
Remove the USIM Card

Follow these instructions to remove the device's USIM card.

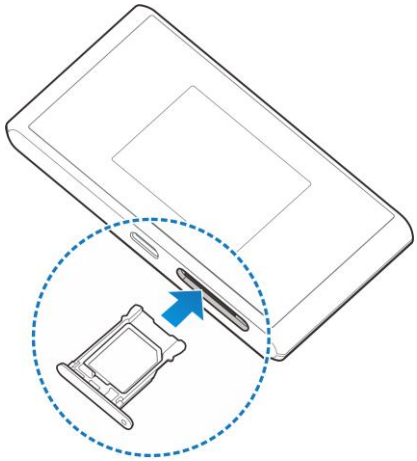
1. Open the USIM card slot.



2. Remove the USIM card.



3. Insert the USIM card tray.



Battery Use

The following topics explain how to insert and remove your device's battery.

⚠️ Battery Cautions

Storage: Avoid storing or leaving battery with no charge remaining. Saved information and settings may become lost or changed, or battery may become unusable. Charge once every six months before storing or leaving unused for a long period.

Bulges: Depending on use, bulges may appear near end of battery life. This does not affect safety.

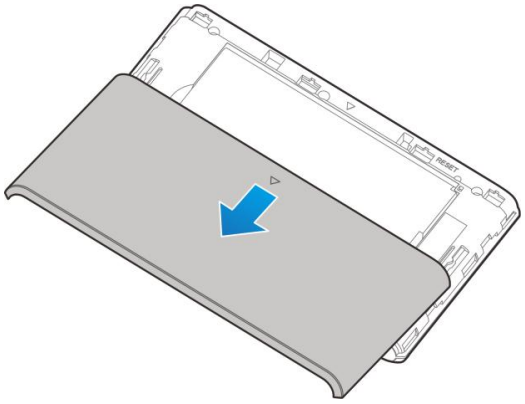
Replacing Battery: The battery is a consumable item. It needs to be replaced if operating time shortens noticeably. Purchase a new battery.

Cleaning: Clean soiled terminals between battery and device with a clean, dry cotton swab. Soiled terminals can result in a poor connection and prevent charging, etc.

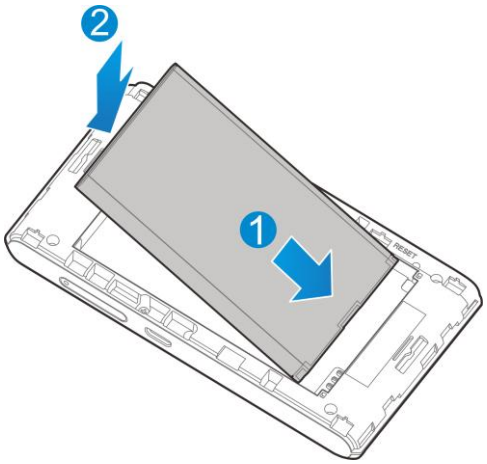
Insert the Battery

Follow these instructions to insert your device's battery safely and properly. Make sure the device is turned off before

1. Remove the battery cover.

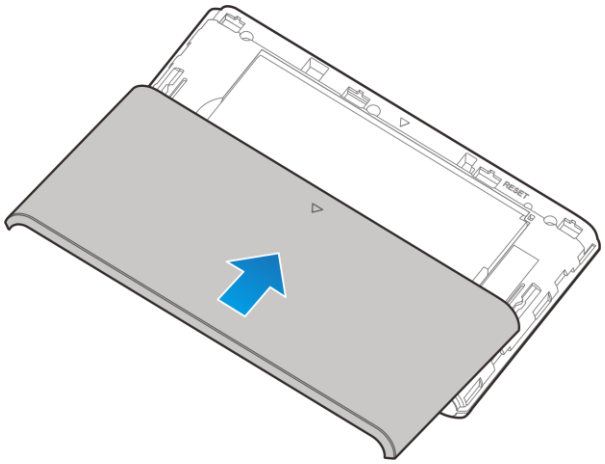


2. Insert the battery.



- Align the contacts of the battery with the contacts in the device.

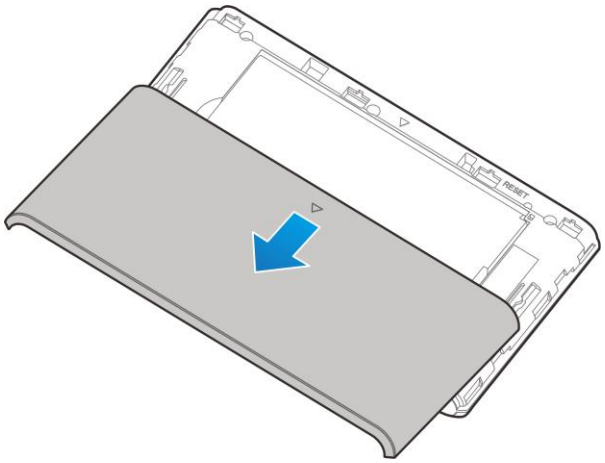
3. Replace the battery cover.



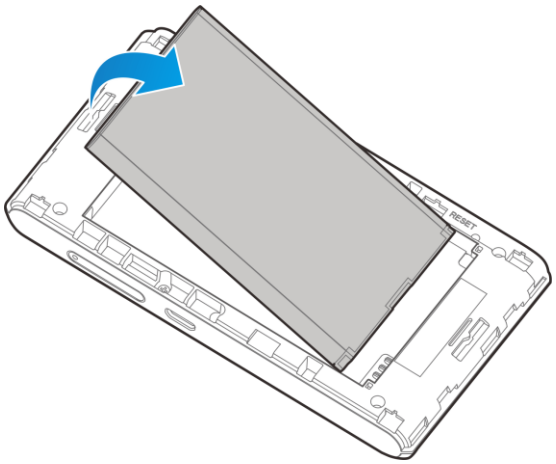
Remove the Battery

Follow these instructions to remove your device's battery. Always power the device off before removing the battery.

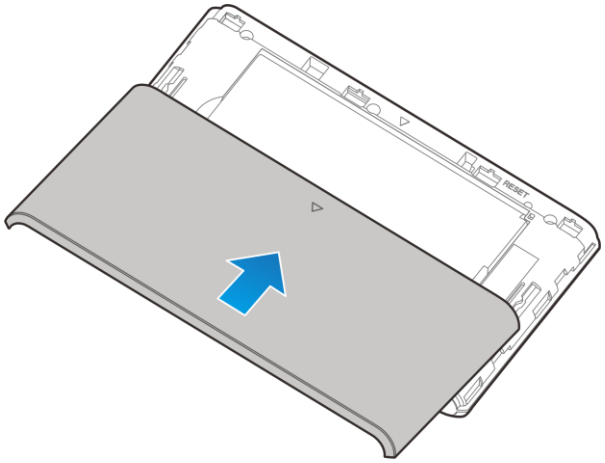
1. Remove the battery cover.



2. Remove the battery.



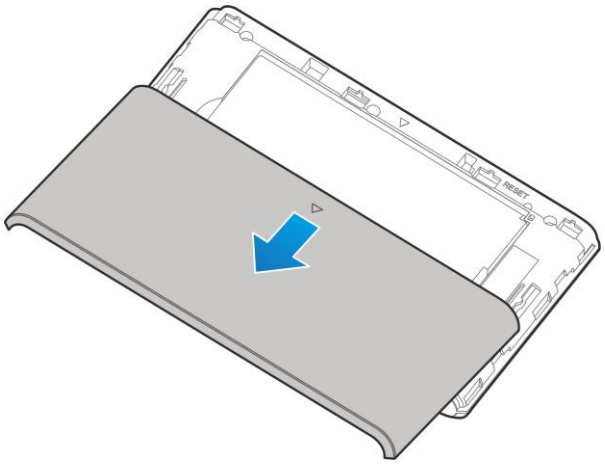
3. Replace the battery cover.



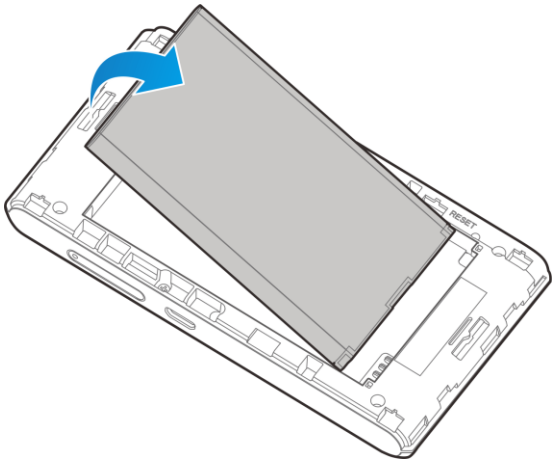
Check the SSID and Security Key

Your device's default SSID (network name) and security key are printed on a label beneath the device's battery. Turn the device off and remove the battery to access this information.

1. Remove the battery cover.

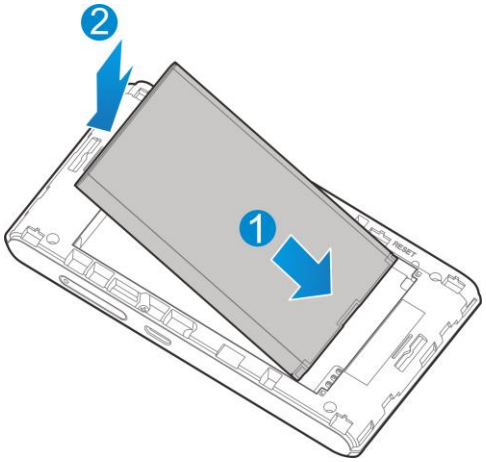


2. Remove the battery.



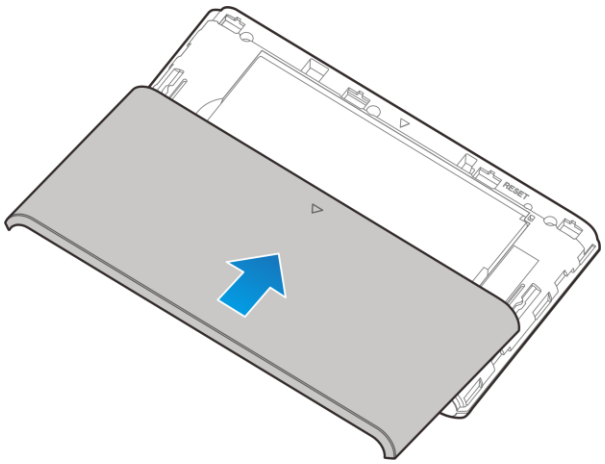
3. Check the SSID (network name) and security key printed on the label beneath the battery.

4. Reinsert the battery.



- Align the contacts of the battery with the contacts in the device.

5. Replace the battery cover.



Charge the Battery

Follow these instructions to charge your device's battery using either the included AC adapter or via a USB connection on your computer.

⚠️ Battery Charging Cautions

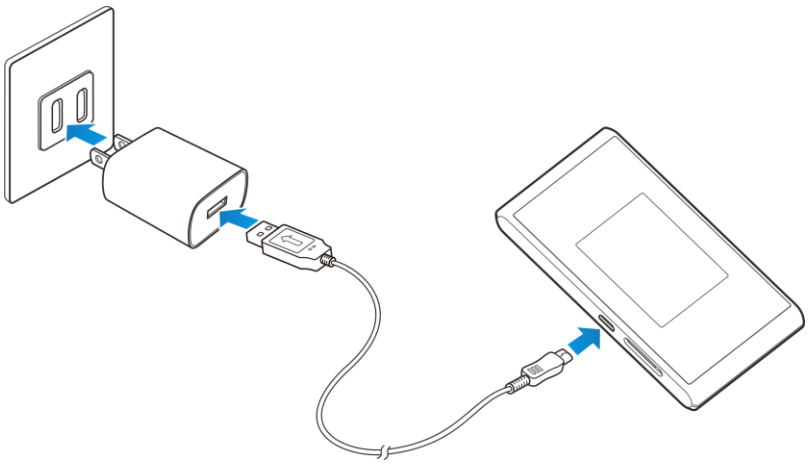
Charging Conditions: Under low temperatures charging performance decreases. Charge in temperatures between 0°C – 55°C. Do not charge in places where there is high humidity. USB charging may be unavailable depending on Wi-Fi router temperature.

Use Supplied Accessories: Always use the supplied AC adapter or micro USB cable.

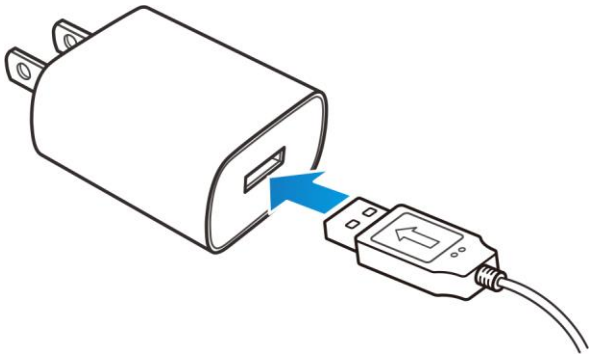
Precaution for Extended Use: Your device may become hot when used for a long time or while charging, especially in high temperatures. Prolonged contact with skin may cause low-temperature burn injuries.

Charge Using the AC Adapter

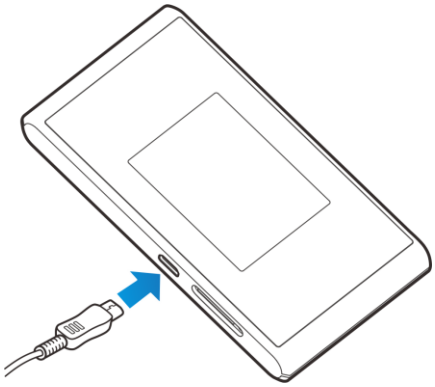
Use the supplied AC adapter and micro USB cable.



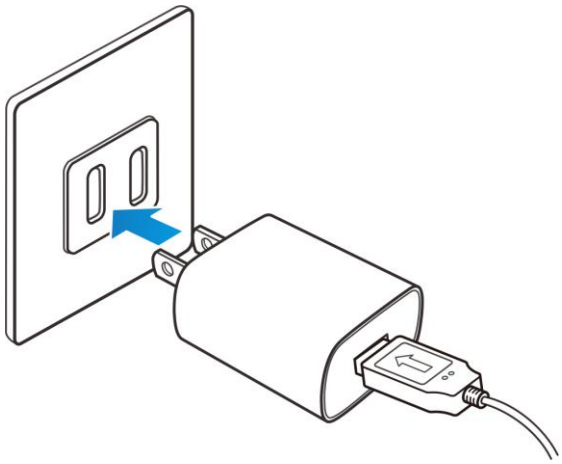
1. Insert the micro USB cable (USB plug) into the AC adapter.



2. Insert the other end of the micro USB cable into your device's micro USB port.

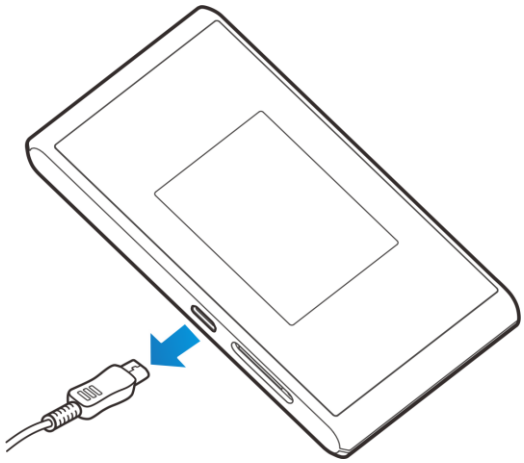


3. Plug the AC adapter into an electrical outlet.



❖ The indicator light illuminates when charging starts. The light goes off when the battery is fully charged. Fully charging a battery may take up to three hours.

4. After charging, disconnect the device from the charger.



- Unplug the AC adapter from the outlet, and remove the micro USB cable from the device and the AC adapter.

⚠ MF975S and AC Adapter Becoming Warm or Hot

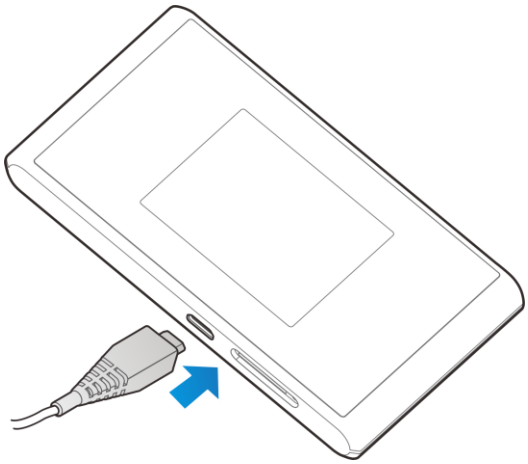
Your device and the AC adapter may become warm while charging. This is not a malfunction. However, stop using them immediately if they become extremely hot; this could indicate a malfunction.

Charge Using a USB to PC Connection

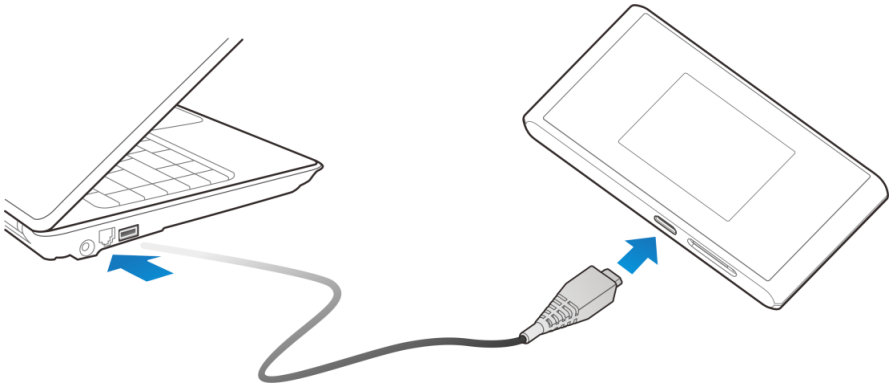
Use the supplied micro USB cable when charging via a computer's USB port.

Before using a PC connection to charge your device, ensure that the computer is turned on. Depending on the type of connection or port configuration, your device's battery may not charge.

1. Insert the small end of the micro USB cord into your device's micro USB port.



2. Insert the large end of the micro USB cord into an external USB port on your computer.



❖ Upon connecting the first time, the device driver will automatically install on your computer.

3. After charging, remove the micro USB cable from both the device and the computer.

⏹️ Note About USB to PC Charging

Charging via a USB to PC connection takes longer than charging with the AC adapter. Charging time is dependent on the connected PC.

Turn Your Device On and Off

The instructions below explain how to turn your device on and off, or to restart your device if it cannot be powered on and off using the **Power** key.

Turn Your Device On

■ Slide the **Power** key to **ON** position.

❖ Your device's Wi-Fi function activates and automatically connects to the Internet.

Turn Your Device Off

■ Slide the **Power** key to **OFF** position.

❖ Your device will power off.

Your screen remains blank while your device is off (unless the battery is charging).

Connect with Wi-Fi (WLAN)

The following topics outline basic features and operations of your device's Wi-Fi (WLAN) connections, including connecting with various OS and device types.

Wi-Fi (WLAN) Overview

Below are some basics of your device's Wi-Fi (WLAN) function.

Wi-Fi (WLAN) Information

- **Advanced Settings**: Change your devices Wi-Fi (WLAN) settings as required. See [xxxxx].
- **Simultaneous Connection**: Use your device to connect up to 10 Wi-Fi devices simultaneously.
- **Automatic Updates for Optimizing Wi-Fi Connection**: When connected by Wi-Fi, connection optimizing settings may be automatically received and updated.

⚠️ Wi-Fi (WLAN) Usage Cautions

For added security, it is recommended that you change the default network name (SSID) and security key (WPA) after setting up your device.

Wi-Fi (WLAN) Overview

- Your device supports IEEE 802.11 b/g/n standards. Connect Wi-Fi devices (PC, game console, etc.) via Wi-Fi for wireless data transfers.
- Your device supports Wi-Fi Protected Setup (WPS), which allows Wi-Fi connection settings to be easily configured on any WPS-compliant device.
- Enter Wi-Fi router's SSID and WPA keys to connect non-WPS-compliant Wi-Fi devices.
  - These settings should be performed when the device is connected the first time to another Wi-Fi device. Thereafter, simply activate Wi-Fi (WLAN) to automatically connect your mobile broadband device to the Wi-Fi (WLAN) device.

Activate Wi-Fi (WLAN) Function

Follow the instructions below to activate your device's Wi-Fi function and connect to the Internet via an available 4G LTE, 4G, or 3G connection. Your device searches for and makes a connection automatically upon powering up. Use the Web UI to select a network.

- Slide the **Power** key to **ON** position.

- Your device's Wi-Fi function activates and automatically connects to the Internet.

Connect Windows PCs with Wi-Fi

The following topics describe how to connect your device with various versions of Windows PCs via Wi-Fi.

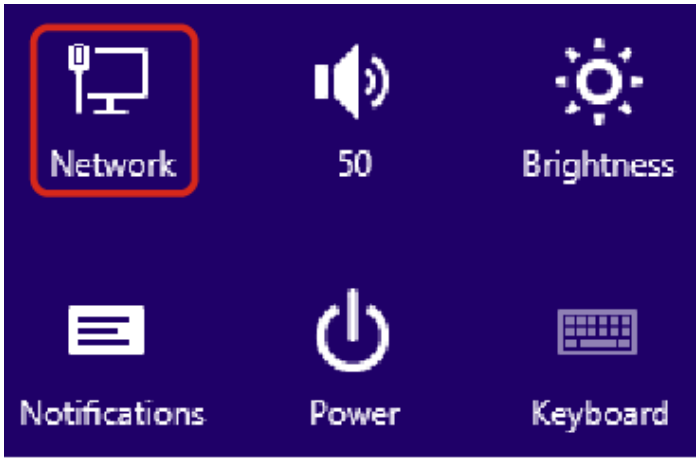
Windows 8

Connect Windows 8 PCs to your device with Wi-Fi.

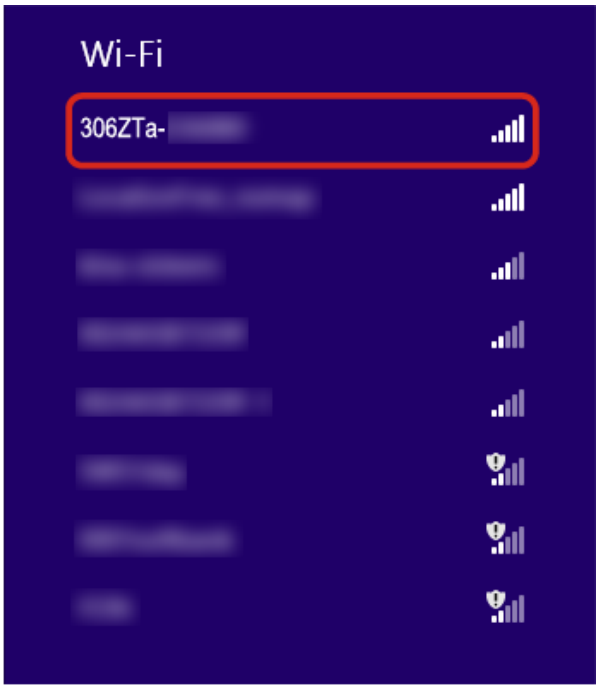
1. Slide the **Power** key to **ON** position.

❖ Your device's Wi-Fi function activates and automatically connects to the Internet.

2. Activate your PC's Wi-Fi function.
   - Consult your PC's operation manual for details on activating Wi-Fi.
3. On your PC, move the cursor to the upper-right or lower-right corner (or swipe from the right side on a touchscreen PC) and select ⚙ > charm > .



4. Select your device's SSID from the list, and click **Connect**.



5. Enter the security key (WPA) and then click **Next**.

❖ The PC connects to your device. The connected status icon on your device will show an additional device has been connected.

Windows 7

Connect Windows 7 PCs to your device with Wi-Fi.

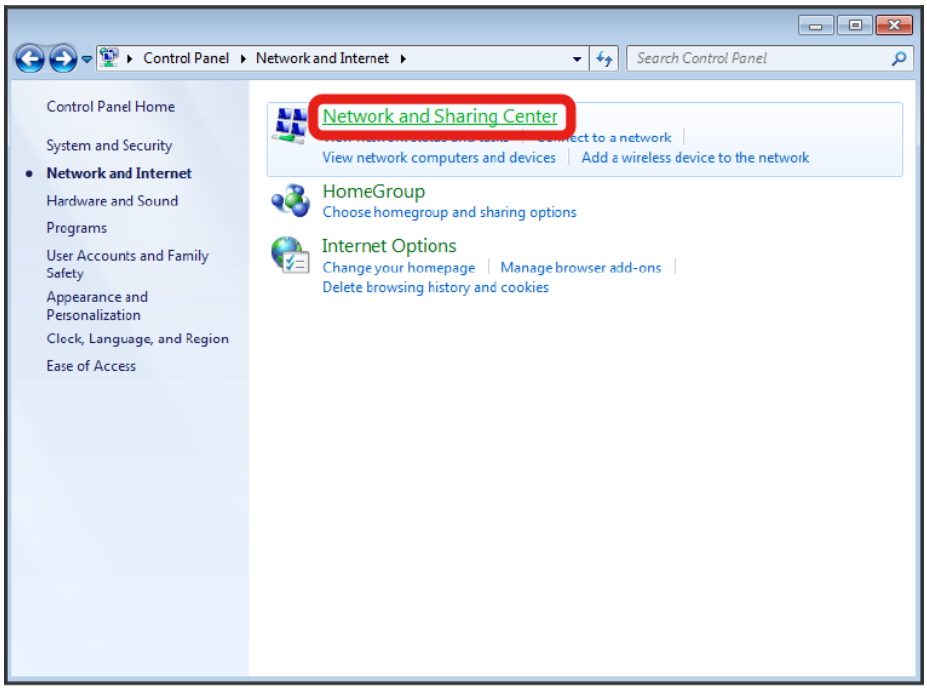
1. Slide the **Power** key to **ON** position.

❖ Your device's Wi-Fi function activates and automatically connects to the Internet.

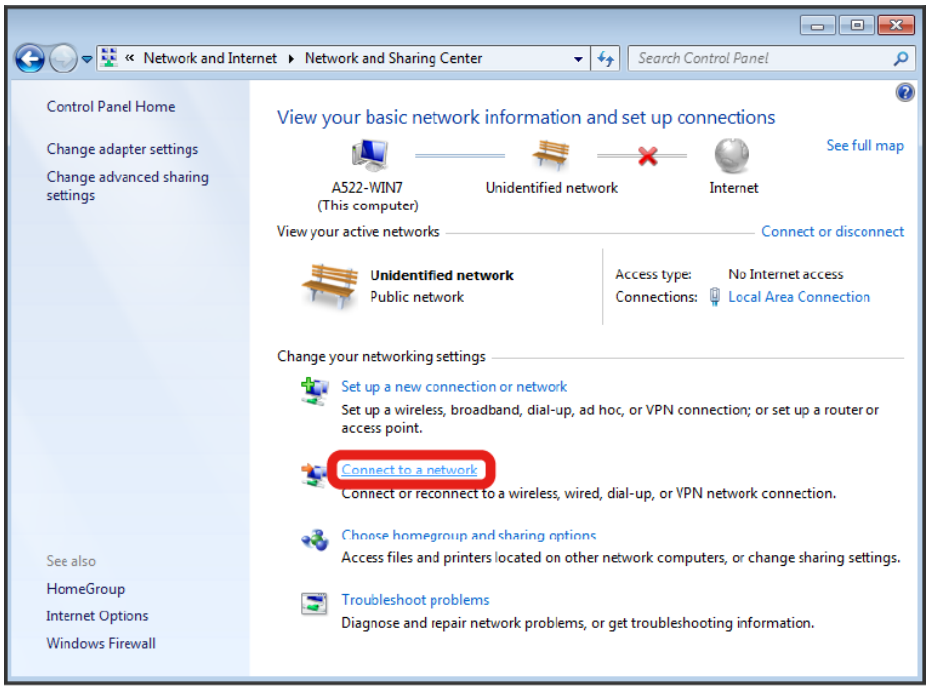
2. Activate your PC's Wi-Fi function.

   - Consult your PC's operation manual for details on activating Wi-Fi.

3. On your PC, click **Start** > **Control Panel** > **Network and Internet** > **Network and Sharing Center**.

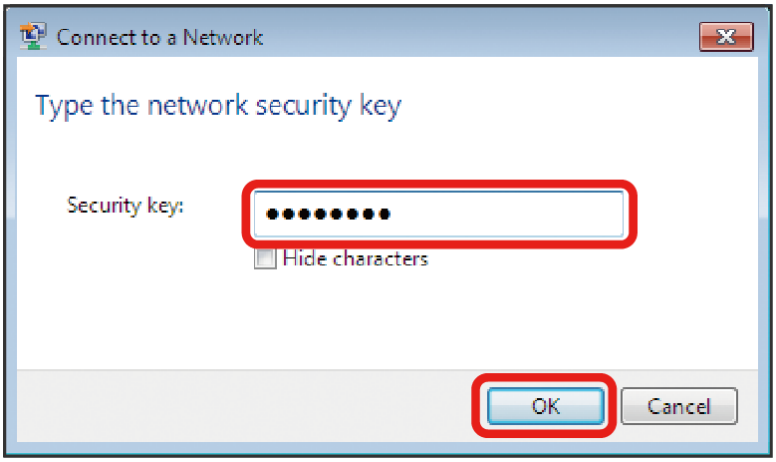


4. Click **Connect to a network**.



5. Select your device's SSID from the list, and click **Connect**.

6. Enter the security key (WPA) and then click **OK**.



❖ The PC connects to your device. The connected status icon on your device will show an additional device has been connected.

Windows Vista

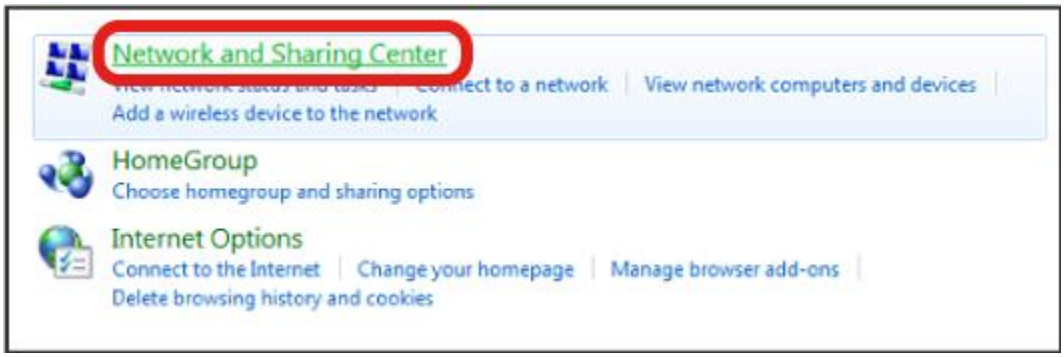
1. Slide the **Power** key to **ON** position.

❖ Your device's Wi-Fi function activates and automatically connects to the Internet.

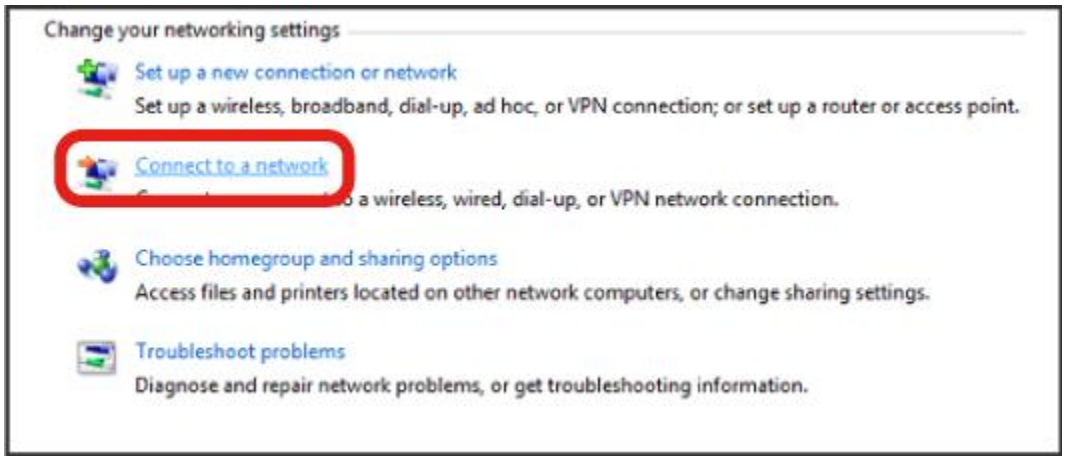
2. Activate your PC's Wi-Fi function.

   - Consult your PC's operation manual for details on activating Wi-Fi.

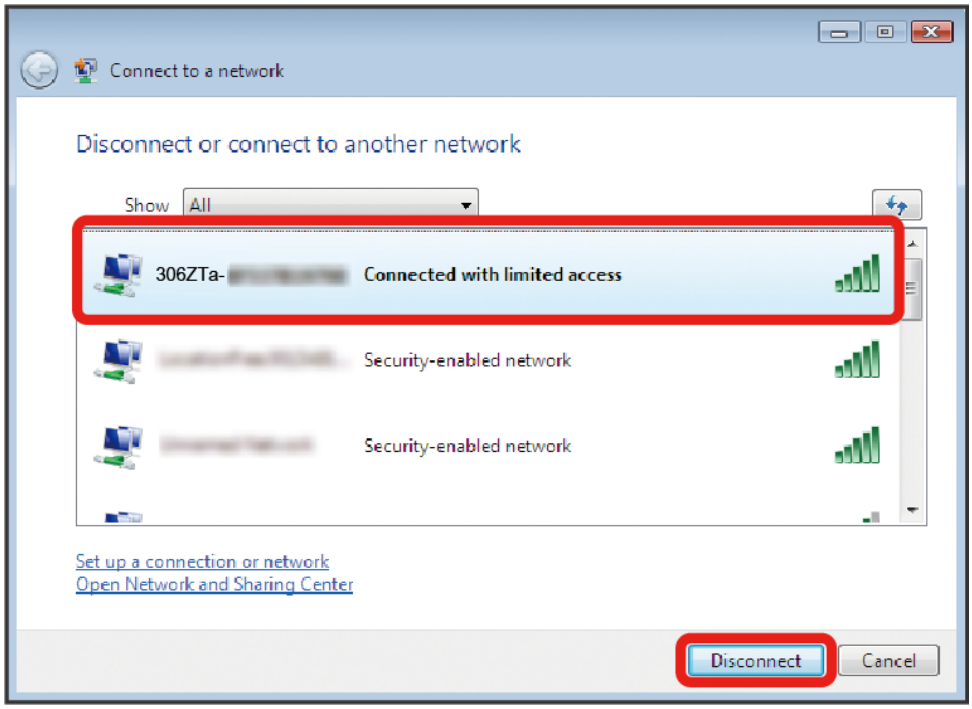
3. On your PC, click **Start** > **Control Panel** > **Network and Internet** > **Network and Sharing Center**.



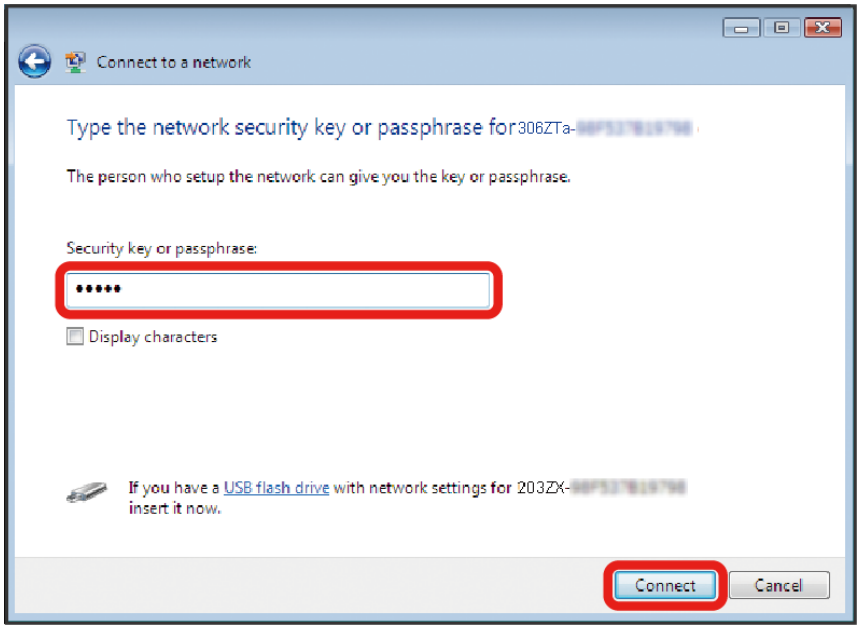
4. Click **Connect to a network**.



5. Select your device's SSID from the list, and click **Connect**.



6. Enter the security key (WPA) and then click **Connect**.



7. Click **Close**.

❖ The PC connects to your device. The connected status icon on your device will show an additional device has been connected.

Connect Mac Computers with Wi-Fi

Follow the instructions below to connect a Mac computer to your device via Wi-Fi.

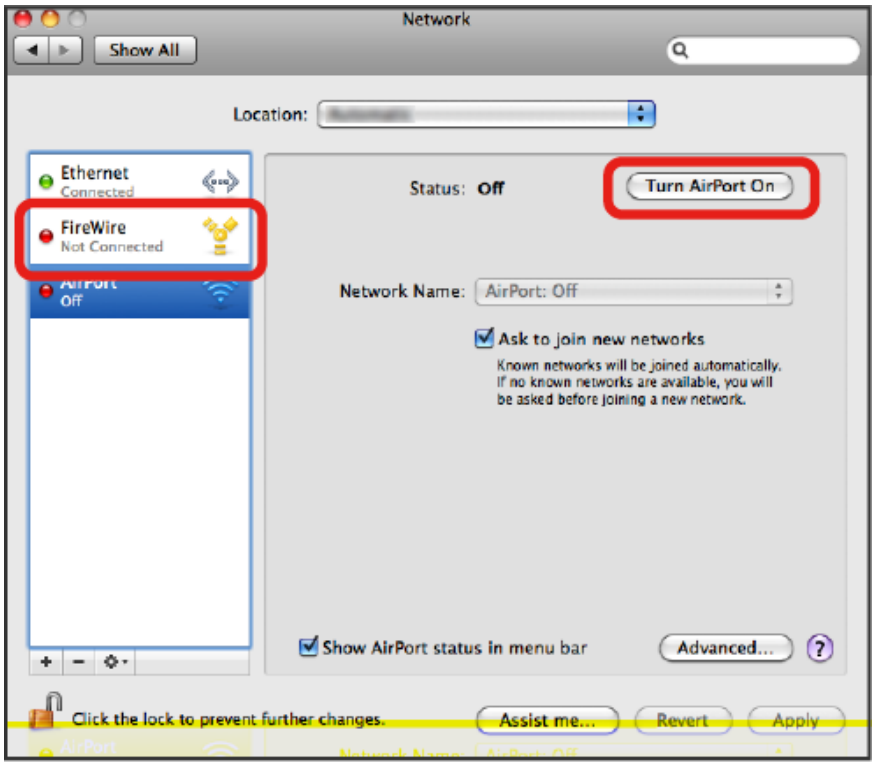
Note: The operations depicted are based on Mac OS X 10.xx, with Wi-Fi security set to [xxx].

1. Slide the **Power** key to **ON** position.

❖ Your device's Wi-Fi function activates and automatically connects to the Internet.

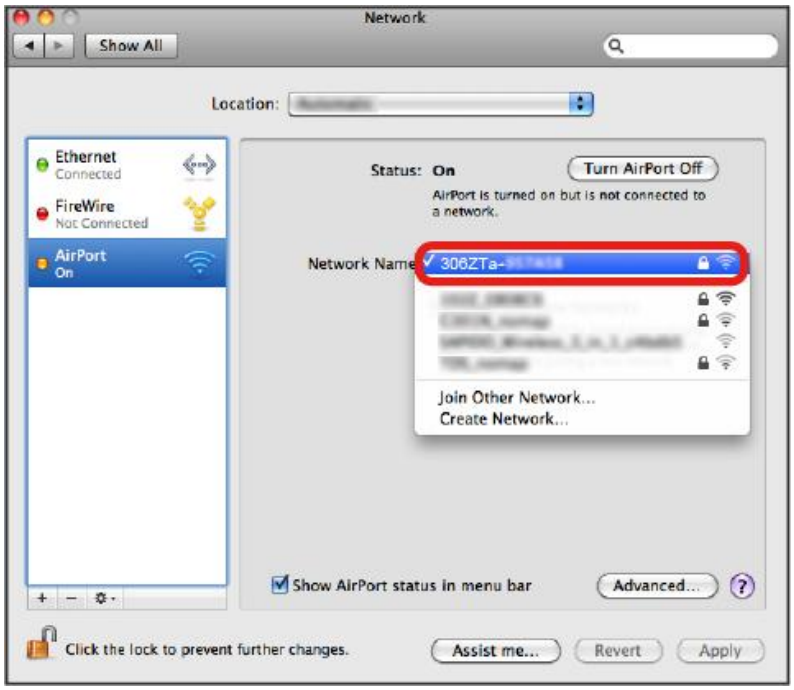
2. On your Mac, in the Apple menu, click **System Preferences…** > **Network**.

3. Click **FireWire** > **Turn AirPort On**.



❖ Your computer's Wi-Fi function activates.

4. Select your device's SSID from the Network Name pulldown list.



5. Enter the security key (WPA) in the Password field, check **Remember this network**, and then click **Join**.

❖ The computer connects to your device. The connected status icon on your device will show an additional device has been connected.

Connect iPhone/iPod Touch/iPad

The following topics outline how to connect your iPhone, iPod Touch, or iPad to your device via Wi-Fi.

Connect an iPhone or and iPod Touch

Follow the instruction to connect your iPhone or iPod Touch to your device using Wi-Fi.

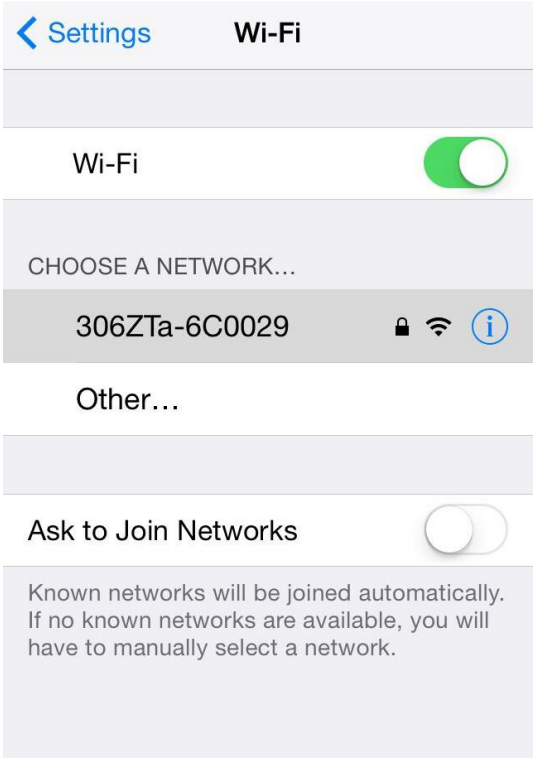
Note: The operations below are based on your iPhone or iPod Touch Wi-Fi security set to [xxx].

1. Slide the **Power** key to **ON** position.

❖ Your device's Wi-Fi function activates and automatically connects to the Internet.

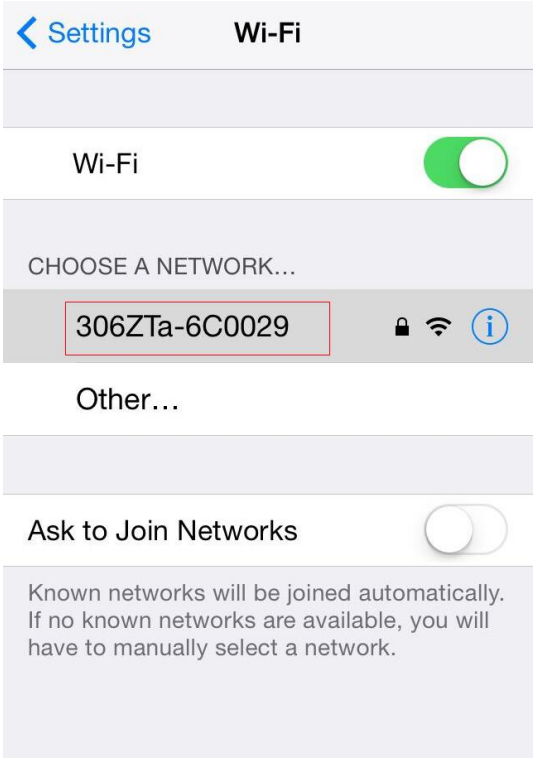
2. Select **Settings** > **Wi-Fi** on your iPhone or iPod Touch.

3. Touch to turn on the Wi-Fi function.

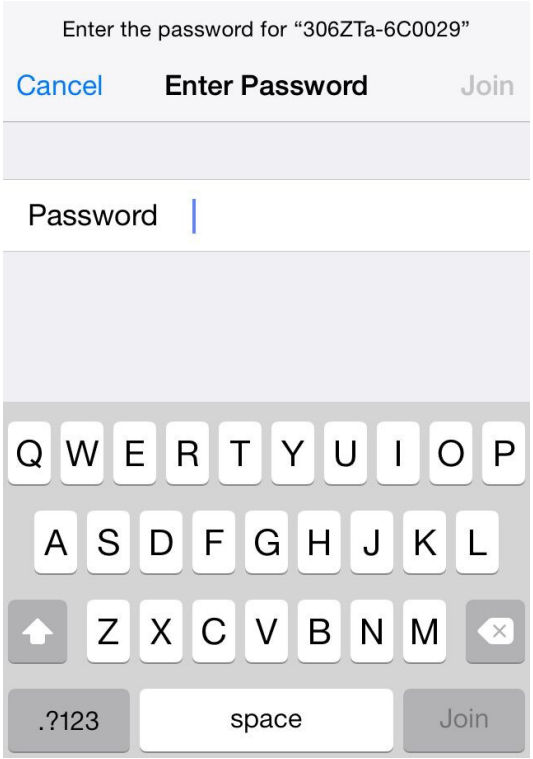


❖ The iPhone or iPod Touch's Wi-Fi function activates.

4. In the CHOOSE A NETWORK list, tap the device's SSID.



5. Enter the security password and then tap **Join**.



- ❖ The iPhone or iPod Touch connects to your device. The connected status icon on your device will show an additional device has been connected.

Connect an iPad

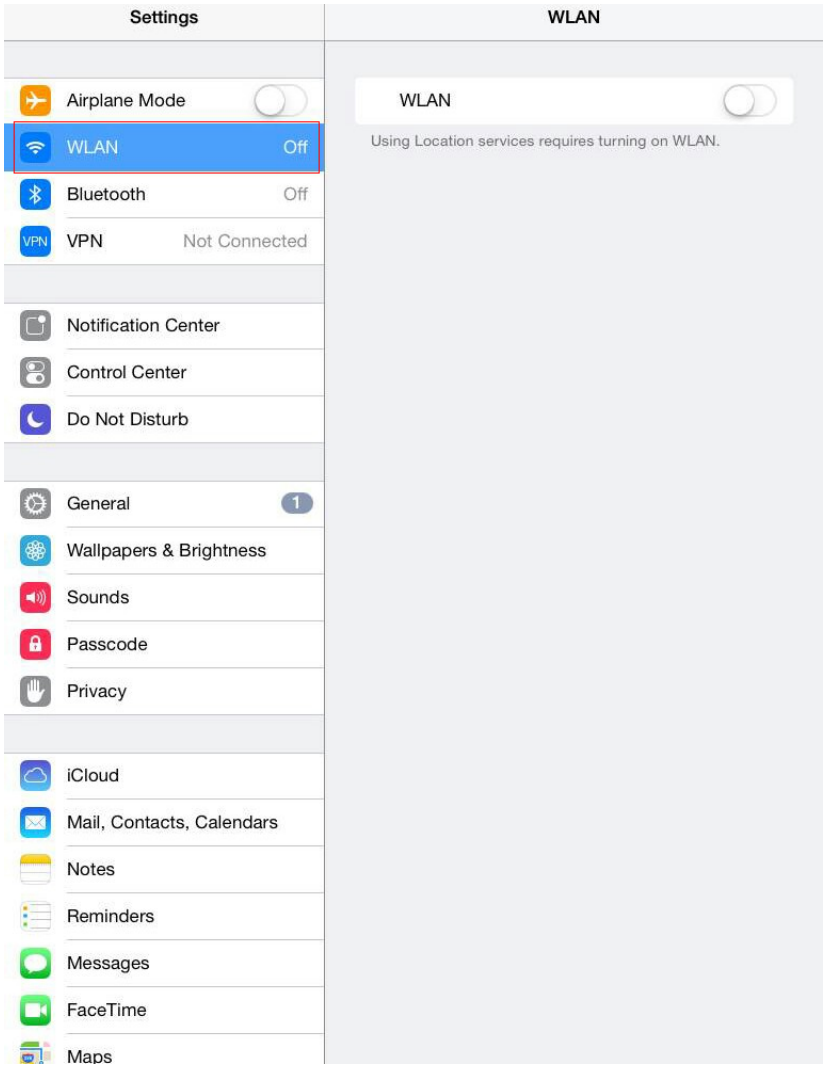
Follow the instruction to connect your iPad to your device using Wi-Fi.

Note: The operations below are based on your iPad Wi-Fi security set to [xxx].

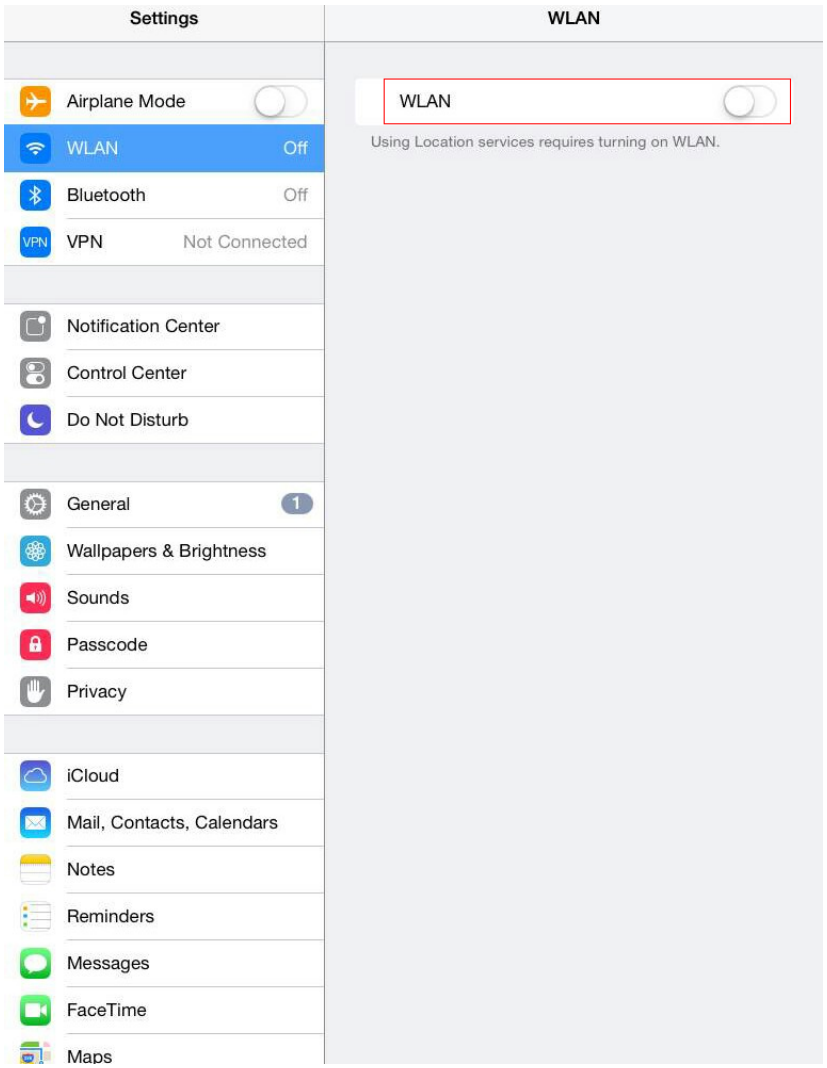
1. Slide the **Power** key to **ON** position.

- ❖ Your device's Wi-Fi function activates and automatically connects to the Internet.

2. Select **Settings** > **WLAN**.

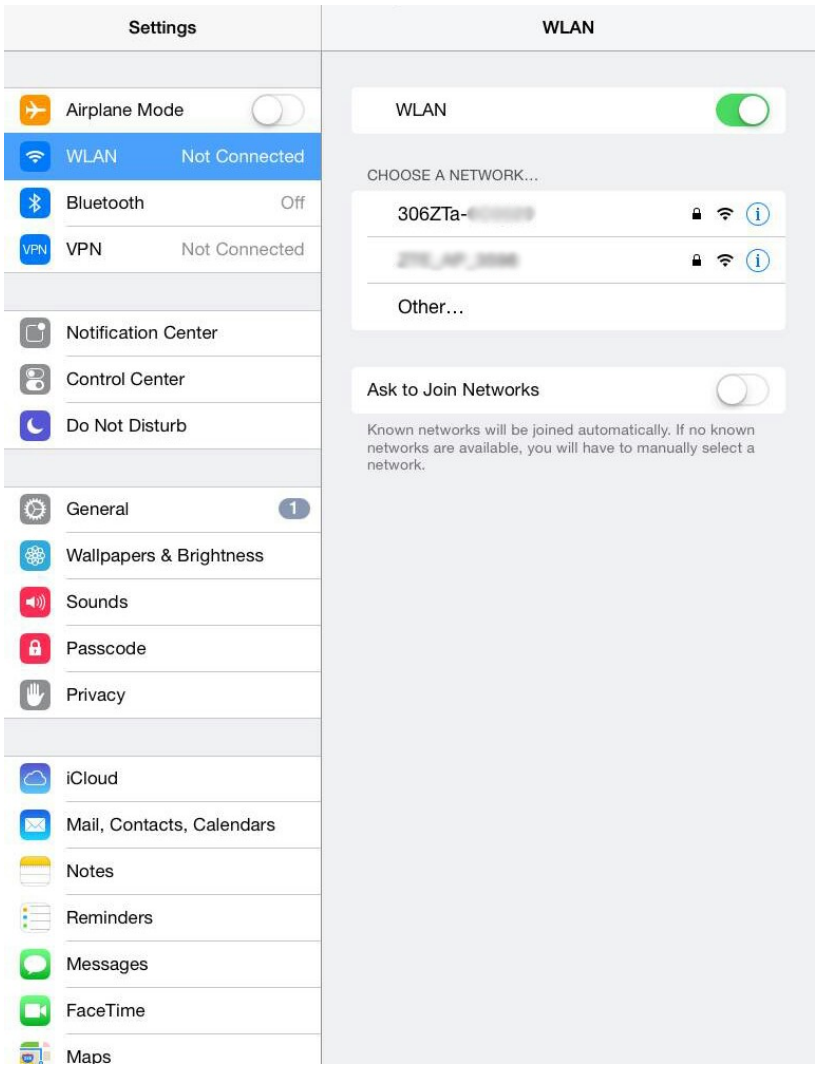


3. Touch to turn on the Wi-Fi function.

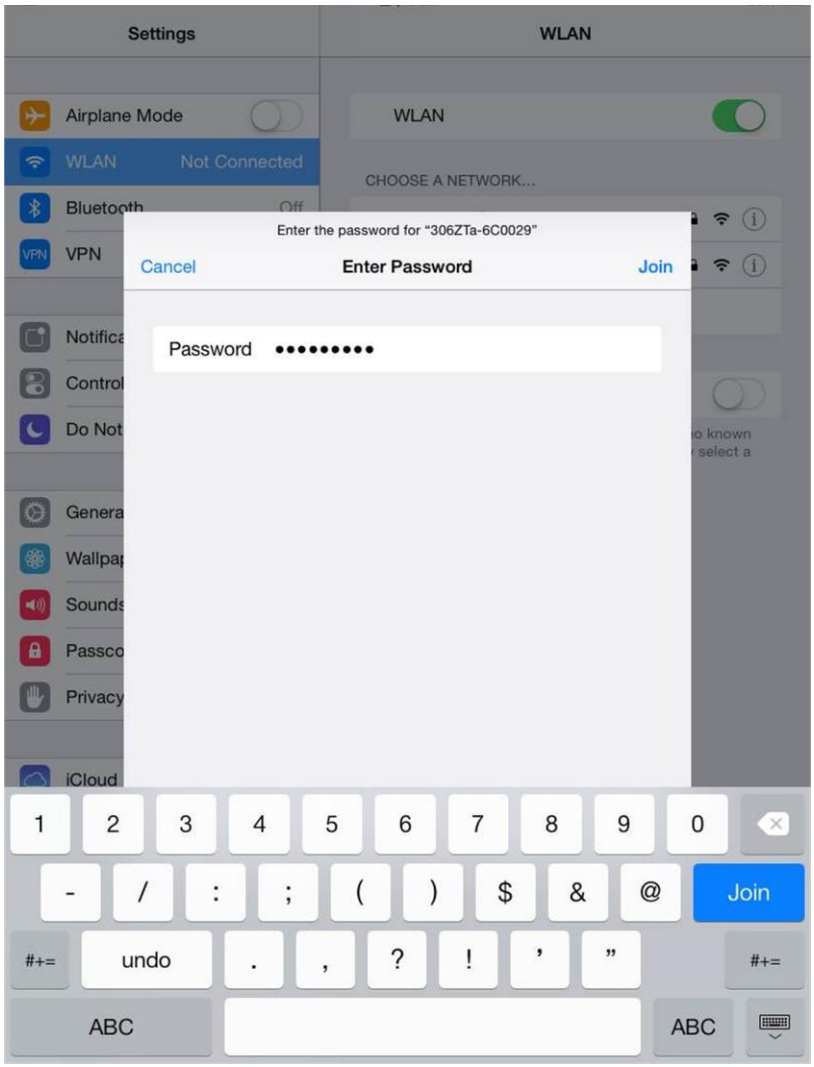


❖ The iPad's Wi-Fi function activates.

4. In the CHOOSE A NETWORK list, tap the device's SSID.



5. Enter the security key (WPA) and then tap **Join**.



❖ The iPad connects to your device. The connected status icon on your device will show an additional device has been connected.

Connect an Android™ Device

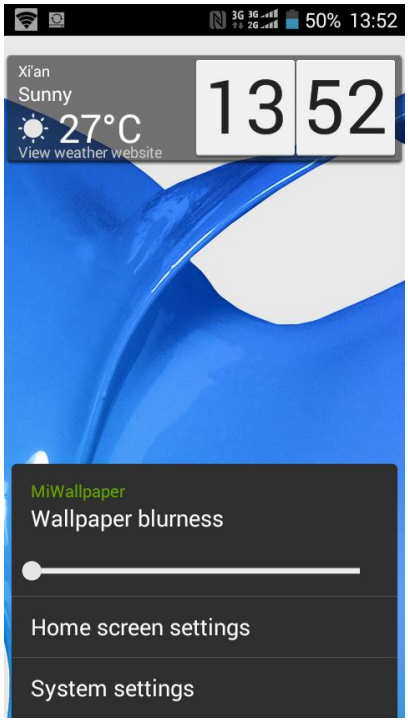
You can share your device's connection with compatible Android devices, such as wireless phones, tablets, and Chromebook computers.

Note: The operations below are based on generic Android devices with Wi-Fi security set to [xxx]. Operation may vary depending on Android device type. See your Android device user guide for details.

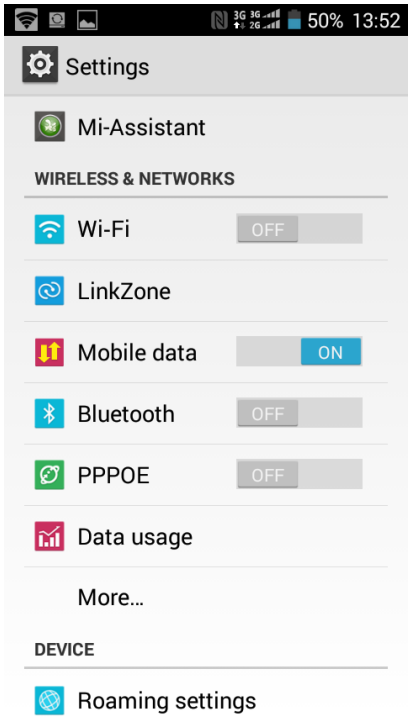
1. Slide the **Power** key to **ON** position.

❖ Your device's Wi-Fi function activates and automatically connects to the Internet.

2. On your Android device, from home, select **Menu Key** > **System settings**.

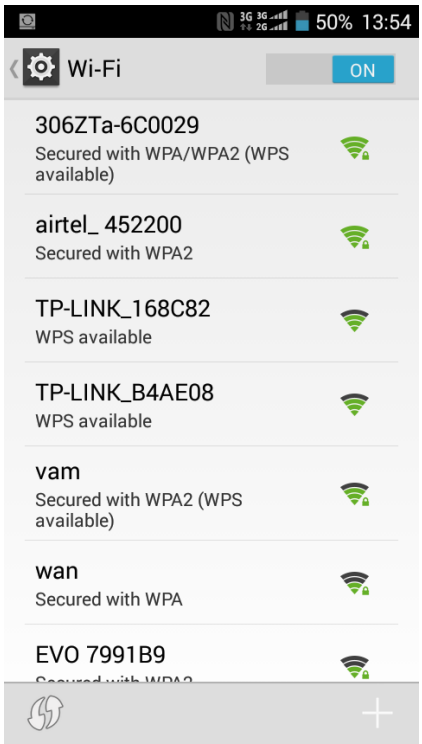


3. Tap or click **Wi-Fi**.



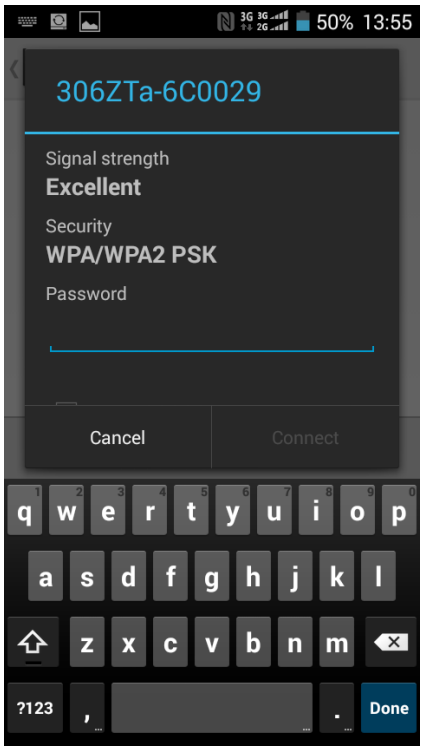
❖ The Wi-Fi settings menu appears.

4. Tap or click the Wi-Fi slider to turn Wi-Fi on.

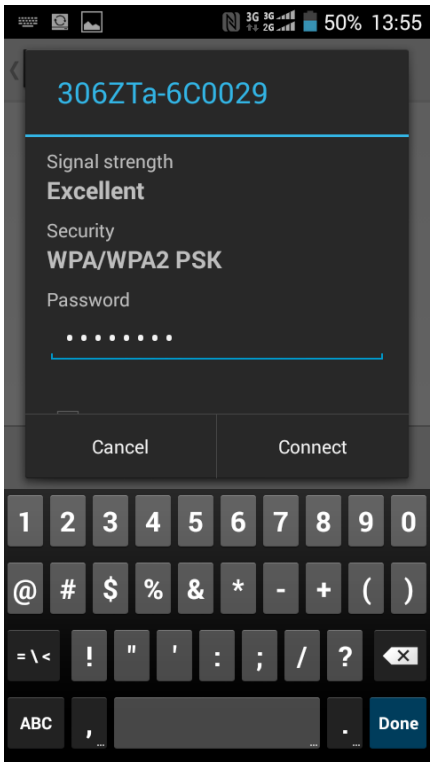


❖ Wi-Fi is enabled on the Android device.

5. Tap or click your device's SSID from the list.



6. Enter the security key and then click **Connect**.



❖ The Android device connects to your mobile broadband device. The connected status icon on your device will show an additional device has been connected.

Connect WPS Supported Wi-Fi Devices

Connect a variety of WPS (Wi-Fi Protected Setup) supported devices to your mobile broadband device.

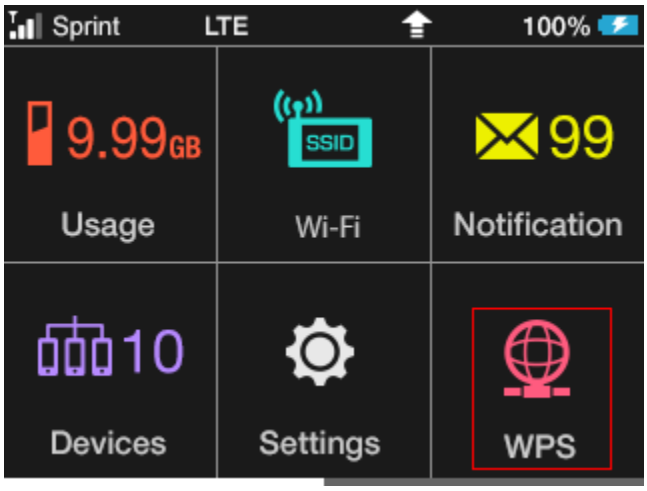
1. Slide the **Power** key to **ON** position.

❖ Your device's Wi-Fi function activates and automatically connects to the Internet.

2. Activate the external device's Wi-Fi function and prepare for WPS settings as required.

   - Consult your external device's operation manual for details on activating Wi-Fi and WPS.

3. On your mobile broadband device, from home, tap **WPS**.



4. Tap a WPS option.

5. When prompted, press the WPS button on the external device to connect.

❖ The external device connects to your mobile broadband device. The connected status icon on your device will show an additional device has been connected.

Connect with Micro USB Cable (Windows)

The following topics describe how to share your device's Internet connection with a Windows-based PC using a direct USB connection.

Device Recognition and Removal – Windows PC USB Connection

The following topics detail the device recognition and device removal processes when using a direct USB connection between your mobile broadband device and a Windows PC.

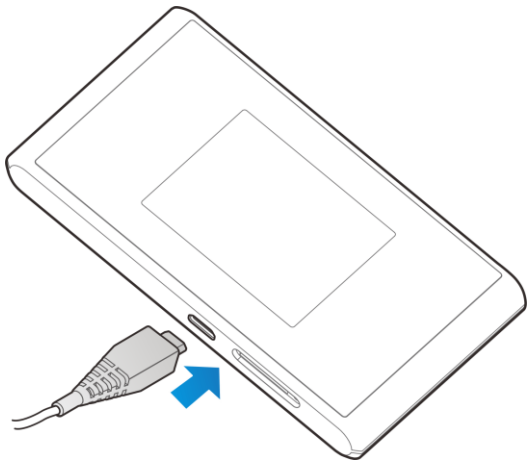
Device Recognition – Windows PC USB Connection

When you connect your device directly to a Windows PC using the supplied micro USB cable, the device driver is automatically installed on the connected PC.

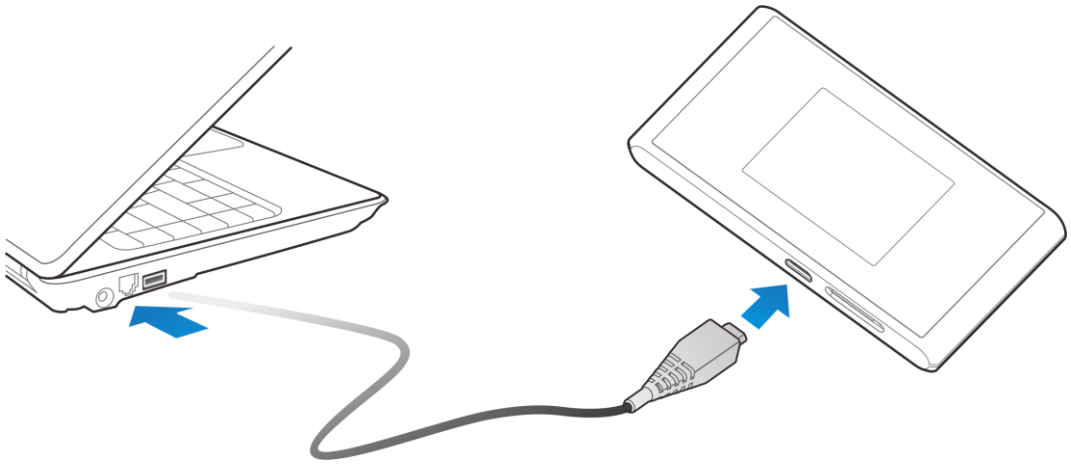
1. Slide the **Power** key to **ON** position.

   ❖ Your device powers on and automatically connects to the Internet.

2. Power on the PC to which you will be connecting.
3. Insert the small end of the supplied micro USB cable into your mobile broadband device's micro USB port.



4. Insert the other end of the micro USB cable into an available external USB port on the PC.



- The PC should recognize the mobile broadband device within a few seconds.
- The device driver will automatically be installed on the connected PC.

Device Removal – Windows PC USB Connection

Follow the instructions below to remove the direct USB connection between your mobile broadband device and your Windows PC.

Windows 8 and Windows 7 Device Removal

1. On the PC, exit the device's Web UI.
2. Remove the micro USB cable from the PC's USB port.

Windows Vista Device Removal

To remove the direct USB connection on a PC running Windows Vista, use the Safely Remove Hardware feature to stop the connection before removing it.

1. On the PC, double-click in the task tray.

   ❖ The Safely Remove Hardware window appears.

2. Click **USB Mass Storage Device** > **Stop**.

   [illustration]

   ❖ The Stop a Hardware Device window appears.

   - If multiple USB devices are connected to the PC, make sure to select the correct device to remove.

3. Click **OK**.

   [illustration]

   - Confirm that the mobile broadband device can be safely removed from the PC.

4. Once you see confirmation that the device can be removed safely, remove the micro USB cable from the PC's USB port.

   [illustration]

   ❖ Removal is complete.

⚠ Cautions for Removing the Mobile Broadband Device

Standby/Hibernation: The mobile broadband device may malfunction if the PC enters standby (suspend/resume) or hibernation while connected. Be sure to remove the USB connection before leaving a PC unattended. The device may also malfunction if it is connected before the PC starts or restarts. Remove the USB connection before starting or restarting the PC.

Web UI: Always exit the Web UI before removing the mobile broadband device USB connection. Do not remove the connection while any transmissions are active.

Software Installation – Windows PC USB Connection

When connecting for the first time, the device driver is designed to install automatically on the connected PC. If there are issues with the installation due to your PC's configuration, you can manually install or uninstall the device driver software.

⚠ Cautions for Device Driver Installation

Removal of Mobile Broadband Device: Do not remove the mobile broadband device during installation. Improper removal may cause installation failure, system malfunction, or other system errors.

Administrator Privileges: To install the device drivers manually, you may be required to log into an account with administrator privileges.

Manual Device Driver Installation

Note: Screenshots and operations are based on a Windows 8 PC.

1. Power on and connect your PC and your mobile broadband device using the supplied micro USB cable. See Device Recognition – Windows PC USB Connection.
2. On the PC desktop, activate Windows Explorer.
3. Select **Computer**.
   - For Windows 7 or Windows Vista PCs, click **Start menu** > **Computer**.
4. Double-click [xxxxx].

   [illustration]

❖ The User Account Control dialog box appears.

5. Click **Yes**.
   - For Windows Vista PCs, click **Continue**.

❖ The device driver installation is complete.

Uninstall the Device Driver Software

If you need to uninstall the device driver software for any reason, you can do so from your PC.

1. On the PC desktop, activate Windows Explorer.
2. Select **Computer** > **Uninstall or change a program**.

   [illustration]

   - For Windows 7 or Windows Vista PCs, click **Start menu** > **Control Panel** > **Uninstall a program**.
3. From the installed programs list, select [xxxxx] > **Uninstall/Change**.

   [illustration]

❖ The device driver software will be uninstalled.

Connect with Micro USB Cable (Mac)

The following topics describe how to share your device's Internet connection with a Mac computer using a direct USB connection.

Device Recognition and Removal – Mac USB Connection

The following topics detail the device recognition and device removal processes when using a direct USB connection between your mobile broadband device and a Windows PC.

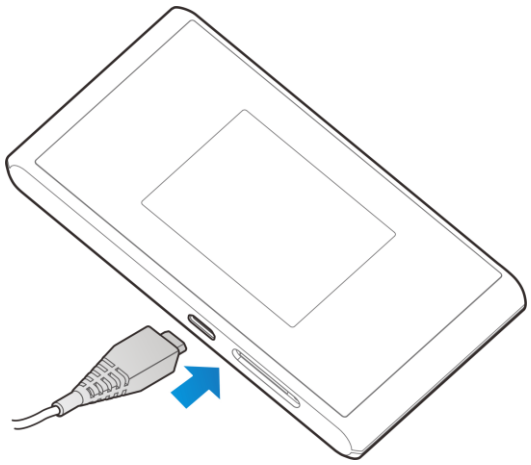
Device Recognition – Mac USB Connection

When you connect your device directly to a Mac computer using the supplied micro USB cable, the device driver is automatically installed on the connected computer.

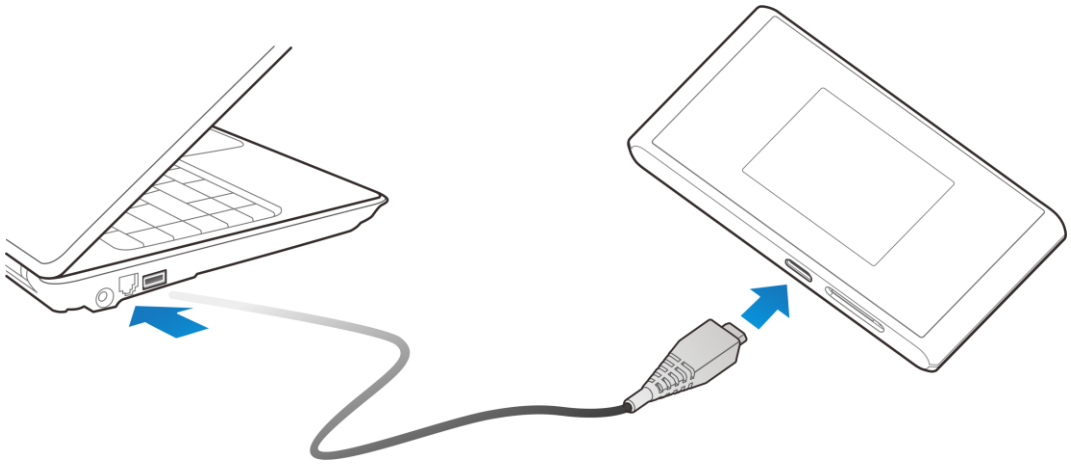
1. Slide the **Power** key to **ON** position.

   ❖ Your device's Wi-Fi function activates and automatically connects to the Internet.

2. Power on the Mac computer to which you will be connecting.
3. Insert the small end of the supplied micro USB cable into your mobile broadband device's .micro USB port.



4. Insert the other end of the micro USB cable into an available external USB port on the Mac.



❖ The Mac should recognize the mobile broadband device within a few seconds.

- Once recognized, appears on the desktop.
- When connecting the first time, you will see a message "A new network interface has been detected." See Software Installation – Mac USB Connection for further instructions.

Device Removal – Mac USB Connection

Follow the instructions below to remove the direct USB connection between your mobile broadband device and your Mac computer. The mobile broadband device's internal files may be damaged by improper removal.

1. On the Mac, click .

❖ The Finder appears.

2. Click for the Web UI.

   [illustration]

   - If a memory card is installed, first click for Memory Card.

3. Remove the micro USB cable from the Mac's USB port.

   [illustration]

❖ Removal is complete.

⚠ Cautions for Removing the Mobile Broadband Device

Sleep Mode: The mobile broadband device may malfunction if the Mac enters sleep mode while connected. Be sure to remove the USB connection before leaving a Mac unattended. The device may also malfunction if it is connected before the Mac starts or restarts. Remove the USB connection before starting or restarting the Mac.

Web UI: Always exit the Web UI before removing the mobile broadband device USB connection. Do not remove the connection while any transmissions are active.

Network Setup – Mac USB Connection

When connecting for the first time, your Mac computer will detect the mobile broadband device and prompt you to set up the device in Network Preferences. The message "A new network interface has been detected" will appear.

Note: Screenshots and operations are based on Mac OS 10.xx. Screens and messages may differ depending on which OS your computer is running.

Set Up the Network

1. Power on your Mac computer and your mobile broadband device.
2. Connect the mobile broadband device to the Mac using the supplied micro USB cable.

   ❖ [xxxxx] icon appears on the desktop, and the [xxxxx] folder automatically opens.

3. Double-click [xxxxx].

   [illustration]

4. Enter the Mac name (user name) and Password, and click **OK**.

   [illustration]

❖ When complete, the [xxxxx] icon and [xxxxx] folder are removed from the computer desktop.

Settings

The following topics provide an overview of items you can change using your device's **Settings** menus, accessed primarily through the Web UI.

Web UI Overview

Use the device Web UI in a browser to check or change your mobile broadband device settings from a device connected either via Wi-Fi or by direct USB connection.

Launch the Web UI

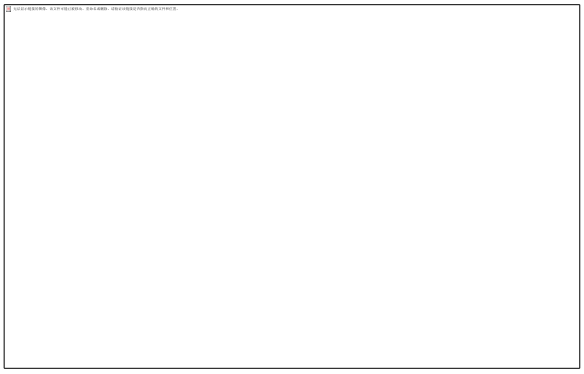
1. Make sure the connection between your device and the client is correct.
2. Launch the Internet browser and enter http://192.168.43.1 or http://m.home in the address bar.

The login page appears as follows. The following figure is only for your reference.

Web UI Window

Explore the options available through the device's Web UI window.

1. Connect your mobile broadband device to an external device via a Wi-Fi connection or a direct USB connection.
2. Launch a browser and access the Web UI via [xxxxx].
   - ❖ The Web UI launches and displays the main window.



Item	Description
xxxxx	Xxxxx
xxxxx	Xxxxx

Item	Description
xxxxx	Xxxxx
xxxxx	Xxxxx
xxxxx	Xxxxx

Appendix

Troubleshooting

Check the questions and answers below for troubleshooting solutions for common device issues.

Check Here First

Question: Unable to connect via Wi-Fi (WLAN)

Answer 1: Check whether the mobile broadband device is properly connected to the computer or other external device.

Answer 2: If a WPS (Wi-Fi Protected Setup) connection fails, see the Wi-Fi device user guide. If you're still unable to connect, set up the mobile broadband device Wi-Fi connection manually. See [xxxxx].

Answer 3: To connect a WPS Pin-specified Wi-Fi device, check whether the correct PIN has been used. For details, see [xxxxx].

Answer 4: If OPEN WEP is the security method being used, check whether the correct WEP key is entered. If the WEP key is unknown, see [xxxxx] to reset the WEP key and reconnect the device.

Answer 5: Check whether the correct WPA key is set. If the WPA key is unknown, see [xxxxx] to rset the mobile broadband device or see the WLAN Initialization Sticker to reset the WPA key, and then reconnect the device. WPA/WPA2 security may not be supported depending on the Wi-Fi device. See the Wi-Fi device user guide for information.

Question: Computer does not recognize the mobile broadband device.

Answer 1: Check whether the mobile broadband device is properly connected to the computer or other external device.

Answer 2: Remove the mobile broadband device from the PC, restart the PC, and then reconnect the mobile broadband device.

Answer 3: For Windows 8, follow these steps to confirm proper the mobile broadband device installation.

- Open desktop window > Explorer > right-click **Computer** > **Properties** > **System Properties** > **Hardware** > **Device Manager**, and then check that [xxxxx] is shown.

Answer 4: For Windows 7 and Windows Vista, follow these steps to check that the mobile broadband device is properly connected.

- Right-click **Computer** > **Properties** > **Advanced system settings** > **User Account Control** > **System Properties** > **Hardware** > **Device Manager**, and then check that [xxxxx] is shown.

Question: Driver is not automatically installed when the mobile broadband device is connected to the PC (Windows PC only).

Answer 1: Wait several seconds for installation to begin after the system recognizes any new hardware. If the installer does not automatically activate even after a period of time, remove the mobile broadband device from the PC and reconnect it.

Answer 2: Install driver manually. See Software Installation – Windows PC USB Connection for how to install.

Question: Internet connection fails.

Answer 1: Make sure that you are within the service area.

Answer 2: If signal reception is poor, move to where signal reception is good and then reconnect.

Answer 3: The access point might be busy depending on the time of day. Wait a little and then reconnect.

Answer 4: Activate the Web UI and make sure that network settings are correct.

Question: Transmission fails quickly.

Answer 1: Make sure that the mobile broadband device is properly connected to PC or other device via Wi-Fi or micro USB cable. If connected via micro USB cable, disconnect from both the mobile broadband device and the PC or other device and reconnect.

Answer 2: Signal reception might be poor. Check transmission where signal reception is good.

Answer 3: Restart the mobile broadband device.

Answer 4: Check the mobile broadband device battery level. If battery level is low, charge with AC charger or with PC via micro USB cable. See Charge the Battery for how to charge.

Question: Transmissions are slow.

Answer 1: Signal reception might be poor. Check transmission where signal reception is good.

Answer 2: Connection might be poor. Try again after a while.

Question: Forgot PIN / Unknown PIN Unblocking Key (PUK) / USIM card is locked.

Answer: Contact Customer Service.

Question: USIM card is not recognized.

Answer 1: Check whether the USIM card is properly installed. For details, see "XXXXX."

Answer 2: Check the USIM card for damage.

Answer 3: Check the USIM card IC chip for scratches/corrosion.

Answer 4: Dirty USIM card (particularly IC chip) may prevent recognition. Clean gently with a soft cloth.

Answer 5: Contact Customer Service.

Question: Unsure if logged on as an Administrator.

Answer 1: For Windows 8, follow these steps to check.

- Move the pointer into the upper-right or lower-right corner and then click or tap charm > **Control Panel**. Click **Change your account type** in User Accounts, and then check that the type of account currently logged on to is "Administrator".

Answer 2: For Windows 7, check by following these steps.

- Click **Start** menu > **Control Panel** > **User Account and Family Safety** > **User Account**, and then check that the type of account currently logged on to is "Administrator".

Question: "Out of service area" indication appears when outside Japan.

Answer: Power off and restart the device.

Question: How do I return the mobile broadband device to the default settings (reset)?

Answer 1: Use the device Reset key.

Answer 2: Use the Web UI to reset the device. For details, see [xxxxx].

Question: An old phone number appears on the Web UI.

Answer: The Web UI may display an old phone number depending on subscription terms or cancellation method.

Question: The mobile broadband device operation is unstable.

Answer 1: Avoid extremely high/low temperatures, high humidity, direct sunlight, dusty areas, etc. Read "Safety Precautions" for use in a proper environment.

Answer 2: Avoid invalid software. Operation is unguaranteed for Internet connection, etc., using other-party software.

Question: The connection suddenly failed.

Answer 1: The connection method may have been changed. Check connection mode on the mobile broadband device display.

Answer 2: Restart the mobile broadband device.

Specifications

The following tables list the specifications for the mobile broadband device, the AC charger, the micro USB cable, and the materials.

Mobile Broadband Device Specifications

Item	Description
Model Name	MF975S
Dimensions[1]	116.3 x 62.1mm x 13.9mm
Weight	149.7g
Interface	LCD
Power Consumption	4.5W
Operating Environment	-10℃ ~ 60℃
Frequency	1.2G
Compatible Networks	WAN: 4G (FDD-LTE/TDD-LTE), 3G（CDMA) WLAN: IEEE802.11a/b/g/n/ac
Charging Time[2]	AC charging 200 minutes, USB charging 380 minutes
Continuous Standby Time[3]	450 hours
Continuous Communication Time[3]	[xxxxx]
Communication Speed	[xxxxx]

[1] Approximate values

[2] Varies by ambient temperature, battery usage, etc.

[3] Varies by environment, signal conditions, etc.

AC Charger Specifications

Item	Description
Model Name	STC-A51A-Z
Weight	30g
Rated Voltage	DC 5 V ± 5 %
Rated Current	1.0 A - 1.2 A

Item	Description
Input Voltage	100 V - 240 V, 50 Hz - 60 Hz

Micro USB Cable Specifications

Item	Description
Model Name	USB-MU5-B-120-H (ZEDAD1)
Cable Length	1200mm
Plug Type	Standard-A, micro-B
Charging Temperature	0℃ ~ 55℃

Materials Specifications

Parts	Materials/Finishing
MF975S Front Cover	PC+SUS304
MF975S Back Cover	PC+GF+SUS304
MF975S Battery Cover	PC
MF975S USIM Tray	PC+Powder Metallurgy
MF975S LCD Support Frame	PC
MF975S Power Key	PC
MF975S Lock Key	PC+TPU

Warranty and Service [describe per carrier]

The following topics outline your device's warranty and service information.

Warranty

Your device purchase includes Warranty.

- Confirm shop name and purchase date.

- Read contents of Warranty and keep it in a safe place.
- Check warranty period in the Warranty.

Services

Before submitting your device for repairs, contact Customer Service or General Information; be prepared to describe problem in detail.

- During the warranty period, repairs will be made under the terms and conditions described in the Warranty.
- After the warranty period, repairs will be upon request; if said repairs can be made, you will be charged for them.

Safety and Notices

The following topics address important safety precautions, general notes, and required RF exposure information for your mobile broadband device.

Safety Precautions [describe per carrier]

The following topics outline important safety precautions that must be observed when using your mobile broadband device.

Labels and Symbols [describe per carrier]

[xxxxx]

[xxxxx] [describe per carrier]

[xxxxx]: [xxxxxxxx]
[xxxxx]: [xxxxxxxx]
[xxxxx]: [xxxxxxxx]
[xxxxx]: [xxxxxxxx]
[xxxxx]: [xxxxxxxx]

[xxxxx]: [xxxxxxxx]
[xxxxx]: [xxxxxxxx]
[xxxxx]: [xxxxxxxx]
[xxxxx]: [xxxxxxxx]
[xxxxx]: [xxxxxxxx]

[xxxxx]: [xxxxxxxx]
[xxxxx]: [xxxxxxxx]

[xxxxx]: [xxxxxxxx]

Mobile Broadband Device [describe per carrier]

[xxxxx]

[xxxxx]: [xxxxxxxx]
[xxxxx]: [xxxxxxxx]
[xxxxx]: [xxxxxxxx]

[xxxxx]: [xxxxxxxx]
[xxxxx]: [xxxxxxxx]

[xxxxx]: [xxxxxxxx]
[xxxxx]: [xxxxxxxx]
[xxxxx]: [xxxxxxxx]
[xxxxx]: [xxxxxxxx]
[xxxxx]: [xxxxxxxx]

[xxxxx]: [xxxxxxxx]
[xxxxx]: [xxxxxxxx]

[xxxxx]: [xxxxxxxx]
[xxxxx]: [xxxxxxxx]

USIM Card and Memory Card [describe per carrier]

[xxxxx]

[xxxxx]: [xxxxxxxx]
[xxxxx]: [xxxxxxxx]
[xxxxx]: [xxxxxxxx]
[xxxxx]: [xxxxxxxx]
[xxxxx]: [xxxxxxxx]

AC Charger and Micro USB Cable [describe per carrier]

[xxxxx]

[xxxxx]: [xxxxxxxx]
[xxxxx]: [xxxxxxxx]
[xxxxx]: [xxxxxxxx]
[xxxxx]: [xxxxxxxx]
[xxxxx]: [xxxxxxxx]
[xxxxx]: [xxxxxxxx]
[xxxxx]: [xxxxxxxx]

[xxxxx]: [xxxxxxxx]

[xxxxx]: [xxxxxxxx]
[xxxxx]: [xxxxxxxx]
[xxxxx]: [xxxxxxxx]
[xxxxx]: [xxxxxxxx]

Mobile Broadband Device Use and Electronic Medical Equipment [describe per carrier]

[xxxxx]

[xxxxx]: [xxxxxxxx]
[xxxxx]: [xxxxxxxx]
[xxxxx]: [xxxxxxxx]
[xxxxx]: [xxxxxxxx]

General Notes [describe per carrier]

The following topics outline general usage and handling instructions for your mobile broadband device.

General Use [describe per carrier]

[xxxxx]

- [xxxxx]
- [xxxxx]
- [xxxxx]
- [xxxxx]
- [xxxxx]
- [xxxxx]
- [xxxxx]

Handling the Device [describe per carrier]

[xxxxx]

- [xxxxx]
- [xxxxx]
- [xxxxx]
- [xxxxx]

Wi-Fi (Wireless LAN) [describe per carrier]

[xxxxx]

- [xxxxx]
- [xxxxx]
- [xxxxx]
- [xxxxx]
- [xxxxx]
- [xxxxx]
- [xxxxx]

RF Exposure Information and Specific Absorption Rate (SAR) Information [describe per carrier]

The following topics detail the specific absorption rate (SAR) information, electromagnetic safety information, and radiofrequency (RF) exposure information for you mobile broadband device.

Specific Absorption Rate (SAR) Information for this Product [describe per carrier]

[xxxxx]

Electromagnetic Safety Information [describe per carrier]

[xxxxx]

European RF Exposure Information [describe per carrier]

[xxxxx]

Index

Android Device
  Connect Wi-Fi, 38
Battery
  Charge, 19
  Install, 14
  Remove, 16
Customer Service, 76
Data Transfer Speed, 12
Device Driver Installation
  Windows PC, 64
Device Layout (illustration), 5
Drag, 11
Electromagnetic Safety, 85
Enter Text, 11
Flick, 10
Home Screen, 6
iPad
  Connect Wi-Fi, 35
iPhone
  Connect Wi-Fi, 32
iPod Touch
  Connect Wi-Fi, 32
Mac
  Network setup, 68
  Remove USB connection, 67
  USB connection, 66
Network Name, 3
Nintendo 3DS LL / 3DS
  Connect Wi-Fi, 41
Nintendo DS
  Connect Wi-Fi, 49
Nintendo DSi LL / DSi
  Connect Wi-Fi, 45
Operating Environment, 1
Package Contents, 3
PlayStation 4
  Connect Wi-Fi, 60
PlayStation Vita
  Connect Wi-Fi, 53
Power Key, 6
Power Off, 21
Power On, 21
PSP
  Connect Wi-Fi, 55
RF Exposure Information, 86
Safety Precautions, 77
Security Key, 3, 17
Services, 75
Settings, 69
SIM Card, 12
  Insert, 13
  Remove, 14
Sleep Mode, 9
SoftBank Wi-Fi Spot, 22
Specific Absorption Rate (SAR), 85
Specifications
  AC charger, 74
  Materials, 75
  Micro USB cable, 75
  Mobile broadband device, 74
SSID, 3, 17
Status Bar Icons, 7
Swipe, 10
Tap, 9
Text Entry, 11
Touch, 9
Touch Menu Icons, 8
Touchscreen, 9
Transfer Speed, 12
Troubleshooting, 71
Turn Device Off, 21
Turn Device On, 21
USB Connection
  Mac, 66
  Remove Mac, 67
  Remove Windows PC, 63
  Windows, 62
USIM Card, 12
  Insert, 13
  Remove, 14
Warranty, 75
Web UI
  Overview, 69
  Window, 69
Wi-Fi
  Activate, 23
  Connect Windows Vista, 28
  Overview, 23

Wi-Fi Network Name, 3
Wii
Connect Wi-Fi, 53
Wii U
Connect Wi-Fi, 53
Windows PC
Remove USB connection, 63
Software Installation, 64
USB connection, 62
Windows Vista
Connect Wi-Fi, 28
WLAN
Activate, 23
Overview, 23
WPS
Connect Wi-Fi, 60

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.

This device 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 radiated 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 on a circuit different from that to which the receiver is connected.
-Consult the dealer or an experienced radio/TV technician for help.

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

FCC RF Exposure Information (SAR)

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 United States.

During SAR testing, this device is set to transmit at its highest certified power level in all tested frequency bands, and placed in positions that simulate RF exposure in usage near the body with the separation of 10 mm. Although the SAR is determined at the highest certified power level, the actual SAR level of the while operating can be well below the maximum value. This is because the device 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.

The exposure standard for wireless employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6W/kg.

The FCC has granted an Equipment Authorization for this model device with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model device is on file with the FCC and can be found under the Display Grant section of www.fcc.gov/oet/ea/fccid after searching on FCC ID: SRQ-ZTEMF975S.

For this device, the highest reported SAR value for near the body is 1.36 W/kg.

While there may be differences between the SAR levels of various devices and at various positions, they all meet the government requirement.

SAR compliance for body operation is based on a separation distance of 10 mm between the unit and the human body. Carry this device, at least 10 mm away from your body to ensure RF exposure level compliant or lower to the reported level. To support body operation, choose the belt clips or holsters, which do not contain metallic components, to maintain a separation of 10 mm between this and your body.