## Getting Started:

Thank you for choosing this 4G MiFi.

**Note:** This User Guide provides the basic instructions of the MBS2.



1. WPS button
2. Signal indicator
3. SMS/WPS indicator
4. Battery indicator
5. Power button
6. Micro USB
7. Battery cover

## The LED indications

| Indicator | Status | Description |
|---|---|---|
| Signal indicator | Solid Blue | Registered to the 4G network |
| | Solid Green | Registered to the 3G network network |
| | Solid Red | No SIM card, locked SIM or network unavailable |
| Message & WPS indicator | Solid Green | Unread messages |
| | Blink in Green | WPS indicator |
| | Solid Green | ≥20% or the battery is charged |
| Battery indicator | Blink in Green | Charging |
| | Solid Red | <20% |

### Install SIM Card and Battery

1. Power off the MBS2.
2. Remove the back cover and battery.
3. Insert the SIM card into card slot in the correct position.
4. Install battery and back cover.
Note: DO NOT remove SIM card when the device is on as this may damage the card and the MBS2.

### Setting up Wi-Fi connection or wired connection

1. Press and hold the "power" button for 3 seconds until the LEDs are lit and Wi-Fi is on.
2. Set up Wi-Fi connection or wired connection as below:



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3. Make sure the Wi-Fi function is on.
4. Select Start > Control Panel > Network Connections > Wireless Network Connection.
5. Click "View available Wireless networks" to show a list of available Wi-Fi networks.
6. Select the Wireless network connection with the "4G-MIFI-XXXX" Wi-Fi's SSID and click "Connect". If the security mechanism is applied, you need to enter the correct network key. To access the SSID and network key information please remove the battery cover to find it placed in a side label.
**Note:** XXXX is the last 4 digits of MAC address (Capital or number). Max Length 32bits.

How to change SSID & Password

1. Log in to http://192.168.1.1 or http://mifi.home and enter the management page.

**Note:** The page will be in English, to change the language you must select the option in the upper right of the interface.

2. Select Settings > Wireless > WLAN Settings, then you will see "Wi-Fi Name (SSID)" and "Password", make sure you delete the old name and password and enter the new name and password as you require.
3. Select "Apply" button, wait for the screen to display prompting "Success" and then log out.
4. Wait for the computer or laptop screen to display the Wi-Fi icon. This means the Wireless network connection has been successful.

### Connecting to the Internet

If the Wi-Fi function is turned on, your device should connect to the internet automatically.

### Logging into the Device Management website

1. Make sure the end-user device is connected to the MBS2.

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2. Open the browser, enter http://192.168.1.1 or http://mifi.home
3. Enter username and password and click "Login". The administrator has the right to check and modify configuration permission.
**Note:** The default user name and password is "admin".

### Charging your MB52

**First method:** Charging by power adapter.
1. Use compatible power adapter (5V, 1000mA).
2. Power adapter is a selective accessory
**Second method:** Charging by connecting to a computer or laptop. Please use the proper cable to connect the MiFi to the computer or laptop.

**Note:** If the device hasn't been used for a long time, please charge the battery before using.

### Restore Factory Settings

If you are uncertain of which Wi-Fi settings you have configured or changed, you can restore the factory defaults that come with the MiFi to reconfigure the device Wi-Fi settings.
1. Log into Device Management Website to restore to factory default settings.
2. Press and hold "Reset" button for 5 seconds, the device will activate again restored to factory settings.

**Note:** Reset button will delete all the device's under-defined Wi-Fi settings and restore Admin and Wi-Fi settings to factory default.

### Trouble Shooting:

If you are having troubles with the device, here are a few things you can do to get it to function properly.

1. Log into the device management website and click the help icon on the top right corner for answers to frequently asked questions.
2. Is the device is not responsive, reboot it by pressing the "Power"

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button for about 8 seconds.
3. Restore factory settings.

### Q&A

Q. What should I do if I see the SSID but failed to connect?
A: 1. Check the password to make sure you have entered the right one.
   2. Check if WPS security is enabled on your PC. If so, check the device to see if it is expecting a WPS action from your PC.

Q. What to do if there is No Service?
A: The possible reason is listed as bellow:
   1. Unstable local signal.
   2. Hardware problem.
You can try the following solutions:
   1. If you are inside a building or near a structure that may block the signal, change the position or location of the device. For example, try moving the device close to a window.
   2. Check the hardware or use another device and retry.

Q. What to do if I forgot the Wi-Fi key?
A: You can reset the device to factory defaults by pressing the reset button for 5 seconds.

Q. What to do if "PIN lock" or "PUK lock"?
A: The SIM card is locked. Log into the Web page and enter your PIN code or PUK code you got from the operator.

**Note:** If you entered the wrong PIN 3 times, then PUK is needed and if the wrong PUK is entered 10 times the SIM card will be locked forever.

Q. Data connection failed.
A: You have no network coverage. Try moving the location of the device until you get good reception.

Q. The device cannot connect to the internet when overseas.
A: You don't have international roaming enabled on your plan.

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Consult your service provider before you go overseas to enable roaming.

**Note:**

• Caution: Risk of explosion if the battery is replaced with an incorrect or unapproved type. Used batteries must be disposed according to the manufacturer's instructions.
• The product shall only be connected to a USB interface of version USB 2.0.
• Adapter shall be installed near the equipment and shall be easily accessible.
• Maximum operating temperature is 45ºC.

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# LOGIC
## makes sense

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## Iniciando:
Gracias por elegir este MiFi 4G.

**Nota:** Esta guía de usuario provee instrucciones básicas del MB52.



1. Botón WPS
2. Indicador de señal
3. Indicador SMS/WPS
4. Indicador de batería
5. Botón de encendido/apago
6. Micro USB
7. Cubierta de batería

## Indicadores LED

| Indicador | Estado | Descripción |
|---|---|---|
| Indicador de señal | Azul constante | Registrado a la red 4G |
| | Verde constante | Registrado a la red 3G |
| | Rojo constante | No hay tarjeta SIM, SIM bloqueada o red no disponible |
| Mensajes e Indicador WPS | Verde constante | Mensajes no leídos |
| | Parpadeo verde | Indicador WPS |
| Indicador de batería | Verde constante | ≥20% o la batería está cargada |
| | Parpadeo verde | Cargando |
| | Rojo constante | <20% |

### Instalando la tarjeta SIM y Batería

1. Apague el MB52.
2. Remueva la cubierta posterior y la batería.
3. Inserte la tarjeta SIM en la ranura en la posición correcta.
4. Coloque la batería y cubierta posterior.
**Nota:** NO remueva la tarjeta SIM con el dispositivo encendido ya que esto puede dañar la tarjeta y el dispositivo.

### Configurando la conexión Wi-Fi o conexión alámbrica

1. Presione y mantenga el botón de encendido por 3 segundos hasta que se enciendan las LED y el Wi-Fi esté encendido.
2. Configure la conexión Wi-Fi o alámbrica como se muestra a continuación:

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3. Asegúrese de que la función Wi-Fi esté activada.
4. Seleccione Iniciar > Panel de Control > Conexión de redes > Conexión de red inalámbrica.
5. Presione "Ver todas las redes inalámbricas disponibles" para mostrar la lista de redes Wi-Fi disponibles.
6. Seleccione la red de conexión inalámbrica con el SSID Wi-Fi "4G-MIFI-XXXX" y presione "Conectar". Si el mecanismo de seguridad fue aplicado, deberá ingresar la contraseña correcta de red. Para acceder a la información de SSID y clave de red, retire la tapa de la batería para encontrarla colocada en una etiqueta lateral.
**Nota:** XXXX son los últimos 4 dígitos de dirección MAC (Mayúsculas o números). Longitud máxima 32bits.

### Como cambiar el SSID y la Contraseña

1. Regístrese en http://192.168.1.1 o http://mifi.home e ingrese a la página de administración.

**Nota:** La página estará en inglés, para cambiar el idioma debe seleccionar la opción en la parte superior derecha de la interfaz.

2. Vaya a Ajustes > Inalámbrico > Configuración WLAN, luego verá "Nombre Wi-Fi (SSID)" y "Contraseña", asegúrese de eliminar el antiguo nombre y contraseña antes de ingresar la nueva información según requiera.
3. Seleccione "Aplicar", espere a que se muestre "Éxito" en la pantalla y cierre sesión.
4. Espere que se muestre el ícono Wi-Fi en la pantalla de su

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computador o laptop. Esto significa que la conexión inalámbrica ha sido exitosa.

### Conectándose a Internet

Si la función Wi-Fi está encendida, su dispositivo debería conectarse a internet automáticamente.

Registrándose en la página de administración de dispositivo

1. Asegúrese de que el dispositivo de usuario final esté conectado al MB52.
2. Abra el navegador, ingrese a http://192.168.1.1 o http://mifi.home
3. Ingrese el usuario y contraseña y seleccione "Ingresar". El administrador tiene el derecho de revisar y modificar la configuración de permisos.

**Nota:** El usuario y contraseña predeterminados es "admin".

### Cargando su MB52

**Primer método:** Cargando con adaptador.
1. Use el adaptador de energía compatible (5V, 1000mA).
2. El adaptador de energía es un accesorio selectivo.
**Segundo método:** Cargando mediante una conexión a una computadora o laptop.
Por favor use el cable apropiado para conectar el MiFi a la computadora o laptop.

**Nota:** Si el dispositivo no ha sido usado por un largo periodo de tiempo, por favor cargue la batería antes de usarlo.

### Restaurar a configuración de fábrica

Si no está seguro de qué configuraciones Wi-Fi ha configurado o cambiado, puede restaurar a la configuración de fábrica para volver a configurar los ajustes Wi-Fi del dispositivo.

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1. Ingrese a la página de administración de dispositivo para restaurar a ajustes predeterminados de fábrica.
2. Presione y mantenga el botón "Reiniciar" por 5 segundos, el dispositivo se activará nuevamente restaurado a la configuración predeterminada.

**Nota:** El botón de reinicio eliminará todas las configuraciones Wi-Fi y las restaurará junto con la configuración de administrador a sus valores de fábrica.

### Solución de problemas

Si tienes problemas con su dispositivo, le indicamos unos consejos que puede seguir para asegurar la funcionalidad apropiada.

1. Ingrese a la página de administración de dispositivo y seleccione el icono de ayuda en la esquina superior derecha para ver las respuestas a preguntas frecuentes.
2. Si no responde puede reiniciarlo presionando el botón de encendido y apagado por aproximadamente 8 segundos.
3. Restaure la configuración de fábrica.

### Preguntas frecuentes

P. ¿Qué debo hacer si veo el SSID pero falla al conectar?
R: 1. Verifique que haya ingresado la contraseña correcta.
   2. Verifique si la seguridad WPS está activada en su PC. De ser así, revise si su dispositivo está esperando una acción WPS por parte de su PC.

P. ¿Qué debo hacer si no hay servicio?
R: Las razones pueden ser las siguientes.
   1. Señal local inestable.
   2. Problema de hardware.
Puede intentar las siguientes soluciones:
   1. Si está en una construcción o cerca de una estructura que pueda bloquear la señal, cambie la posición o locación del

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dispositivo. Por ejemplo, intente moverlo cerca de una venta.
2. Revise el hardware o use otro dispositivo y reintente.

P. ¿Qué debo hacer si olvidé la clave Wi-Fi?
R: Puede reiniciar el dispositivo a sus valores predeterminados de fábrica manteniendo presionado el botón de reinicio por 5 segundos.

P. ¿Qué debo hacer si veo "Bloqueo PIN" o "Bloqueo PUK"?
R: La tarjeta SIM está bloqueada. Ingrese a la página web e ingrese su código PIN o PUK obtenido del operador.
Nota: Si ingresa el PIN incorrectamente 3 veces, se solicitará el PUK, si ingresa el PUK incorrectamente 10 veces la tarjeta SIM quedará bloqueada de manera permanentemente.

P. Error de conexión de datos.
R: Es probable que no cuente con cobertura de red. Intente cambiar su locación hasta que obtenga buena recepción.

P. El módem no puede conectarse a Internet cuando está en el extranjero.
R: No tiene el roaming activado en su plan. Consulte con su proveedor de red antes de viajar al extranjero y activar el roaming.

**Nota:**

• Precaución: Hay riesgo de explosión si la batería es cambiada por una incorrecta o de tipo no apropiado. Las baterías usadas deben desecharse de acuerdo con las instrucciones del fabricante.
• El producto debe ser conectado únicamente a una interfaz USB de versión 2.0.
• El adaptador debe ser instalado cerca del equipo y debe contar con fácil accesibilidad.
• Temperatura máxima de operación de 45ºC.

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# LOGIC
## MB52
### 4G MIFI

QUICK GUIDE | GUÍA RÁPIDA

展开尺寸：100*475
成品尺寸：100*67.8

FCC Statement

1. 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.

(2) This device must accept any interference received, including interference that may cause undesired operation.

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

NOTE:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

Reorient or relocate the receiving antenna.

Increase the separation between the equipment and receiver.

Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

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


SAR Information Statement

Your MiFi is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radiofrequency (RF) energy set by the Federal Communications Commission of the U.S. Government. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health. The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/kg. * Tests for SAR are conducted with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output. Before a phone model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by the government adopted requirement for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) as required by the FCC for each model. The highest SAR value for the body, as described in this user guide, is 1.347W/Kg. While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirement for safe exposure. The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RFexposure guidelines. SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of http://www.fcc.gov/ oet/fccid after searching on


FCC ID: 055004119 Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications Industry Asso-ciation (CTIA) web-site at http://www.wow-com.com. * In the United States and Canada, the SAR limit for mobile phones used by the public is

1.6 watts/kg (W/kg) averaged over one gram of tissue. The standard incorporates a sub-stantial margin of safety to give additional protection for the public and to account for any variations in measurements.

Body-worn Operation

This device was tested for typical body-worn operations. To comply with RF exposure requirements, a minimum separation distance of 15mm must be maintained between the user's body and the handset, including the antenna. Third-party belt-clips, holsters, and similar accessories used by this device should not contain any metallic components. Body-worn accessories that do not meet these requirements may not comply with RF exposure requirements and should be avoided. Use only the supplied or an approved antenna.