

ZTE MF51 Quick Start Guide

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Introduction

ZTE MF51 is a 3G mobile hotspot device, working in GPRS/EDGE/WCDMA/HSPA network. It provides Internet connection via USB or Wi-Fi to clients, enabling you to communicate anytime and anywhere.

Specification

Data Service	HSPA: DL 14.4 Mbps UL 5.76 Mbps
	WCDMA CS: UL 64 kbps/DL 64kbps WCDMA PS: UL 384 kbps/DL 384kbps
Interface	USB and Wi-Fi
Wi-Fi Standard	802.11b/g/n
Wi-Fi Security	NO ENCRYPTION or WPA-PSK/WPA2-PSK
USB Version	USB 2.0 HIGH SPEED
USB Interface Type	Micro USB
Weight	80 g
Dimensions (W×H×D):	102.5 mm*51 mm*13.5 mm
microSD card	Support up to 32 GB microSD card
Battery	1500mAh Li-ion battery
*Standby time	100 hours
*Working time	4 hours
Charge time	3 hours

Operate system	Windows 7, Windows Vista, Windows XP (SP2 or later), Mac OS (10.5 or later)
Web Browser	IE (7.0 or later), Firefox (3.0 or later), Opera (10.0 or later), Safari (4.0 or later), Chrome (10.0 or later)
Working temperature	-10 °C ~ +60 °C
Storage temperature	-20 °C ~ +70 °C
Charging temperature	0 °C ~ +40 °C
Humidity	5%~ 95%

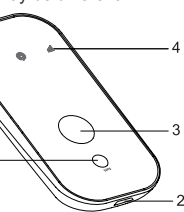
Notes:

microSD is a trademark of SD Card Association.

The device's standby and working time are only for your reference, and based on ideal working environment.

Getting to Know Your Device

The following figure shows the appearance of the device. It is only for your reference. The actual device may be different.



Interface and Buttons

1. WPS	This button is used to start Wi-Fi Protected Setup authentication process and enable/disable the Wi-Fi function. • Hold it for about five seconds to activate the WPS process. • Hold it for about two seconds to enable/disable Wi-Fi function.
2. Charger/USB port	• Charge your device. • Connect the client to your device via USB cable.
3. Power	Hold the Power button to switch on/off the device.
4. Indicators	Indicates the status of your device.

Notes:

- Press **WPS** and **Power** buttons simultaneously, and hold on about three seconds until all LEDs are off, then release the buttons, the device will restart automatically and restore to the factory default settings.

Indicators

When the device is powered on, the following icons will light, with the corresponding indications listed in the table below:

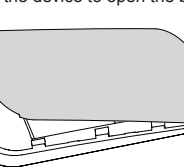
Indicators	Status	Description
Battery Indication	RED glittering	Please charge.
	RED bright	The voltage of battery is low.
	GREEN bright	The voltage of battery is high. Fully charged when power on or standby mode with USB cable.
	GREEN glittering	Charging when power on or power off or standby mode.

Indicators	Status	Description
Battery Indication	LED off	Under power off mode full charged with USB cable or no charging
		No charging or fully charged under standby mode without USB cable
		No battery
Wi-Fi Indication	BLUE glittering	Wi-Fi is active.
	BLUE bright	WPS is active.
	LED off	Wi-Fi is inactive or standby mode.
Network Indication	BLUE glittering	2G Modem data transferring.
	BLUE bright	Register on 2G network.
	GREEN glittering	3G Modem data transferring.
	GREEN bright	Register on 3G network.
	RED bright	ERROR or NO network service or No SIM
LED off	Standby mode.	

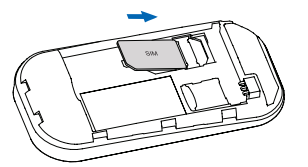
Hardware Installation

Inserting SIM Card, Memory Card and Battery

- Use the thumb catch on the device to open the battery cover.



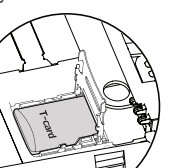
- Insert SIM Card into the slot.



Warning:

Please power off the device and remove the external power adapter before removing or inserting the SIM card, if not, the device or SIM card may be damaged.

- Insert the memory card into the memory card holder.



- Line the battery cover up correctly and press gently to close the case.

Switching On/Off Your Device

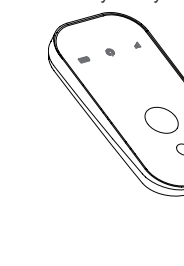
Press and hold the **Power** button to switch on/off the device.

Notes:

Please install battery before power on.

Charging Your Device

- Insert the charger lead carefully with the correct orientation to the charger port.
The plug only fits one way. Do not use excessive force to insert the plug.
- Connect the charger to a main socket.
- Disconnect when the battery is fully charged.



Working Mode

Your device supports three working modes. For the client, we only use PC or laptop as the example in this document.

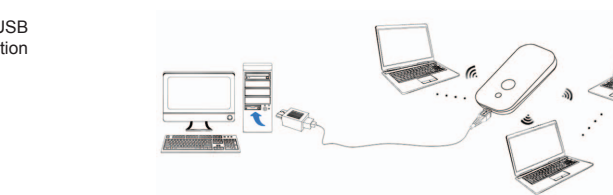
USB Mode: Connect the device to your PC or laptop via the included USB cable, then power on your device. And the following picture is one application example:



Wi-Fi Mode: Power on directly, and then connect the device to your PC or laptop via Wi-Fi. And the following picture is one application example:



Mixed Mode: Connect to the device with the above two connection methods. The following picture is the application example. All of the client devices can surf on the Internet at the same time.



Establish a connection between your device and the client

Via USB Cable

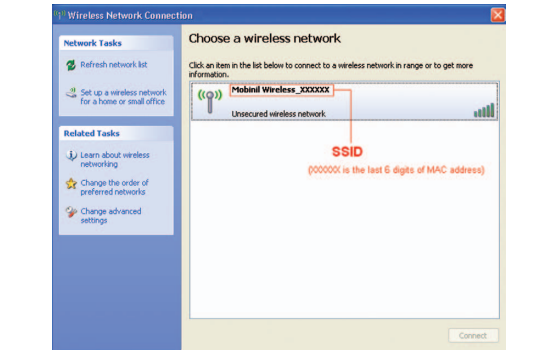
- Connect your device and the client with the USB cable.
- Install software.
After the installation, the connection between your device and the client will be established successfully a moment later.

Via Wi-Fi

- Power on your device directly. It will take 1~2 minutes to initialize, and then Wi-Fi status icon will light.
- If the Wi-Fi status shown is blue bright or LED off, hold the WPS key for about 2 seconds to enable the Wi-Fi function.
- Use your normal Wi-Fi application on the client to search the available wireless network.

Notes: You need to check your Wireless Network Connection. Set the client to obtain an IP address automatically in the Internet protocol (TCP/IP) properties, and the client will get an IP address like "192.168.0.101".

- Select the SSID of your device, and then click **Connect**.



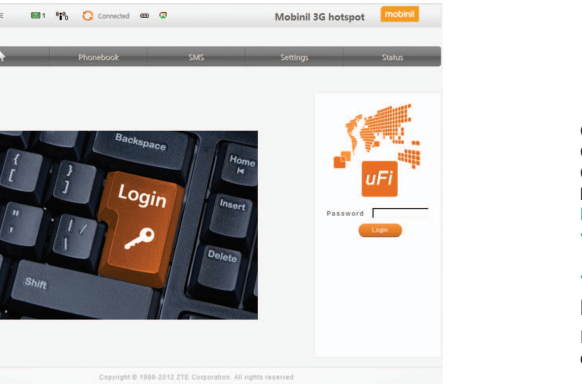
Access the WebGUI Configuration Page

1. Make sure the connection between your device and the client is correct.
2. Launch the internet browser and enter http://192.168.0.1 or http://ufi.

home in the address bar, or double click  to launch the internet browser.

Notes:
It is recommended that you use IE (7.0 or later), Firefox (3.0 or later), Opera (10.0 or later), Safari (4.0 or later), Chrome (10.0 or later).

3. The login page appears as follows.



4. Input the case-sensitive default password "admin", and then click **Login** to access the WebGUI Configuration page.



Click **Logout** to return to the login page. Click **Connect/ Disconnect** to access or disconnect from the Internet. Click **Weather, Twitter, Facebook, or YouTube** to access the predefined link, for the detailed information please consult you service provider.

Notes:

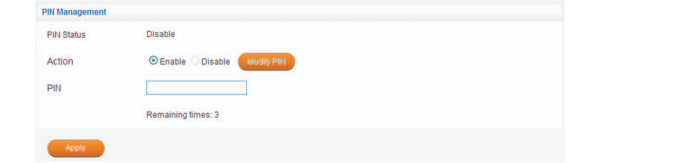
- Do not put anything on the top of your device. Do not lay devices to overlap each other when using.
- The device takes 1~2 minutes to initialize, and attach to the network.

PIN Code Verification

If the PIN code of your SIM card is enabled, you will need to input the PIN code when you login at the first time.



Notes:
The SIM card will be locked if you enter wrong PIN code consecutively for three times.
If you want to modify the PIN code, please select **Settings > Advanced > PIN Manage > Modify PIN** to do the actions.



Network Select

After logging in, select **Settings > 3G Settings > Network Select**, and you can do the following operations.

WAN Connection Mode	Set the WAN connection mode.
Band Selection Mode	Set the Band connection mode.

Settings

After logging in, select **Settings**, and you can do the following operations.

Select Settings > Quick Settings	The Quick Settings wizard guides you how to set the basic parameters for your device in the safest way.
Select Settings > 3G Settings	Select the network Mode and set the APN related parameter.
Select Settings > Wi-Fi Settings	Set the Wi-Fi related parameters.

Select Settings > Advanced	View the current status of your device, change the Administrator Settings, restore factory defaults, manage PIN, or set the LAN interface configuration.
Select Settings > Firewall	Set the IP/Port Filtering, Port Forwarding or the System Security configuration.

Notes:
Make sure that you can remember the new password if you change the login password by selecting **Settings > Advanced > Management**. Please restore the device to the factory default settings in case you forget the new password.

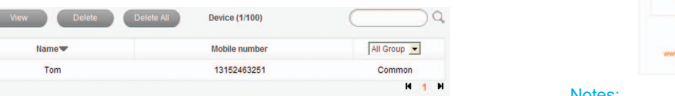
SMS

This function allows you to view, send and receive short messages. After logging in, select **SMS**, and you can do the following operations.

Select SMS > New Message	Send or save SMS.
Select SMS > Device	Operate the SMS in your device.
Select SMS > SIM Card	Operate the SMS in your SIM card.
Select SMS > SMS Settings	Set the SMS configuration.

PhoneBook

This function allows you to store contacts to your device or SIM card. After logging in, select **PhoneBook**, and you can add a new contact by clicking the **Add New** tab, and perform operations to the contacts in the **Device** or **SIM** card tab.



Status


After logging in, select **Status**, and you can do the following operations.

Select Status > Basic Status	View the 3G Wireless Information and system info.
Select Status > Network Status	View the WAN, LAN and WLAN information.

microSD Card

- Use microSD Card**
1. Install the microSD card into the device.
 2. Connect the device with your PC or laptop using the provided USB cable, after a while the system will display it as a removable disk.
 3. Use it freely.

Disconnect from the Internet

1. In the WebGUI Configuration page, click the  icon.
2. Click **Disconnect** icon to disconnect the device from the Internet.



Notes:
Turning off the device can also terminate the Internet connection.

Standby Mode

- After powering your device on without USB connection, once no user connects to the device within 10 minutes and no action is performed to the device, or the WPS button is pressed manually, the device will enter the standby mode. In the standby mode, the Wi-Fi function will be disabled.
- With USB connection, once no user connects to the device within 10 minutes and no action is performed to the device, or the WPS button is pressed manually, the Wi-Fi function will be disabled, and then unplug the USB cable, the device will enter the standby mode.

In the standby mode, press any button or connect your device and PC with the USB cable to wake up the device.

Usage of WPS

If your client device supports WPS, you need not to input the password manually after WPS has been available. Please do the following:

1. Start up your device.
2. Launch the client device connected to your device.
3. Enable the WPS function of your device.
4. Enable the WPS function of the client.

Notes:
For the detailed operations about the client, please refer to the client's instruction.

Warning and Notice

To the Owner

- Some electronic devices are susceptible to electromagnetic interference sent by your device if inadequately shielded, such as the electronic system of vehicles. Please consult the manufacturer of your device before using if necessary.

- Operating of laptop and desktop PCs and your device may interfere with medical devices like hearing aids and pacemakers. Please always keep them more than 20 centimeters away from such medical devices when they are turned on. Turn your device off if necessary. Consult a physician or the manufacturer of the medical device before using your device.
- Be aware of the usage limitation when using your device at places such as oil warehouses or chemical factories, where there are explosive gases or explosive products being processed. Turn off your device if required.
- The use of electronic transmitting devices is forbidden in aircrafts, at petrol stations and in hospitals. Please observe and obey all warning signs and switch off your device in these conditions.
- Do not touch the inner antenna area if not necessary. Otherwise it will affect your device's performance.
- Store your device out of the reach of little children. Your device may cause injury if used as a toy.
- Do not touch the metallic parts of your device so as to avoid a burn, when your device is working.

Using Your Device

- Please use original accessories or accessories that are authorized. Using any unauthorized accessories may affect your device's performance, and violate related national regulations about telecom terminals.
- Avoid using your device near or inside metallic structures or establishments that can emit electromagnetic waves. Otherwise it may influence signal reception.
- Your device is not waterproof. Please keep it dry and store in a shady and cool place.
- Do not use your device immediately after a sudden temperature change. In such case, it will produce dew inside and outside your device, so don't use it until it becomes dry.
- Handle your device carefully. Do not drop, bend or strike it. Otherwise your device will be damaged.
- No dismantling by non-professionals and only qualified technicians can undertake repair work.

- Operating temperature range of 0 °C ~ +35 °C and humidity range of 5% ~ 95% are recommended.
- Do not use the device in an enclosed environment or where heat dissipation is poor. Prolonged work in such space may cause excessive heat and raise ambient temperature, which will lead to automatic shutdown of the device for your safety. In the case of such event, cool the device in a well-ventilated place before turning on for normal use.

Using Battery

- Do not short-circuit the battery, as this can cause excessive heat and fire.
- Do not store battery in hot areas or dispose of it in a fire to avoid explosion.
- Do not disassemble or modify the battery.
- When not using the battery for a long period, remove it from the device and store it in a cool dry place.
- Never use any charger or battery damaged or worn out.
- Return the wear-out battery to the provider or put it in the appointed recycle place. Do not put it in familial rubbish.

Warning:
If the battery is broken, keep away from it. If it taints your skin, wash your skin with abundant fresh water and ask doctor help if necessary.

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