

ZTE U50

ZTE U50 Portable WiFi Router User Manual

Model: U50

1. INTRODUCTION

This manual provides instructions for the ZTE U50 Portable WiFi Router. It covers device setup, operation, maintenance, and troubleshooting. Please read this manual thoroughly before using the device to ensure proper and safe operation.

The ZTE U50 portable wireless router is an ideal companion for on-the-go use. Its compact design allows it to fit easily into any pocket. With a fast LTE cellular unit and transfer speeds of up to 150 Mbps, it enables reliable browsing and streaming even away from Wi-Fi hotspots. The integrated battery provides up to 8 hours of operation, ensuring internet access throughout the day. Up to 10 devices can be connected simultaneously via the Wi-Fi network. Practical features like standby mode and economical power consumption make this router an ideal solution for mobile users.

2. PACKAGE CONTENTS

Ensure all items are present in your package:

- ZTE U50 Portable WiFi Router
- USB Charging Cable
- Quick Start Guide

3. DEVICE OVERVIEW

Familiarize yourself with the device's physical components and indicators.



Image: Front view of the ZTE U50 Portable WiFi Router, showing its compact size, power button, and LED indicator lights for signal strength, battery, and Wi-Fi status.

3.1. Buttons and Ports

- **Power Button:** Press and hold to turn on/off. Short press to check status.
- **USB Port:** For charging the device and potentially powering other devices.
- **SIM Card Slot:** Insert your Nano-SIM card here.

3.2. LED Indicators

- **Signal Indicator:** Displays network signal strength (e.g., green for strong, yellow for medium, red for weak/no signal).
- **Wi-Fi Indicator:** Shows Wi-Fi status (e.g., solid for active, blinking for data transfer).
- **Battery Indicator:** Indicates battery level and charging status.

4. SETUP

4.1. Inserting the SIM Card

1. Ensure the device is powered off.
2. Locate the SIM card slot.
3. Insert a Nano-SIM card into the slot with the gold contacts facing down and the notched corner aligned correctly.
4. Gently push the SIM card until it clicks into place.

4.2. Charging the Device

1. Connect the USB charging cable to the device's USB port.
2. Connect the other end of the cable to a USB power adapter (not included) or a computer's USB port.
3. The battery indicator LED will show charging status. Charge the device fully before first use.

4.3. Powering On/Off

- **To Power On:** Press and hold the Power button for approximately 3 seconds until the indicators light up.
- **To Power Off:** Press and hold the Power button for approximately 3 seconds until the indicators turn off.

5. OPERATING THE DEVICE

5.1. Connecting to Wi-Fi

1. Turn on the ZTE U50 router.
2. On your Wi-Fi enabled device (smartphone, tablet, laptop), search for available Wi-Fi networks.
3. Select the network name (SSID) of your ZTE U50 router. The default SSID and password are usually found on a sticker inside the battery compartment or on the device itself.
4. Enter the Wi-Fi password when prompted.
5. Once connected, you can access the internet.

5.2. Changing Wi-Fi Settings (Web Interface)

1. Connect your device to the ZTE U50 Wi-Fi network.
2. Open a web browser and enter the default IP address (e.g., 192.168.0.1 or 192.168.1.1) into the address bar. Refer to the device label or quick start guide for the exact IP.
3. Enter the administrator username and password (default is often admin for both).
4. Navigate to the Wi-Fi settings section to change the SSID, password, security type (WPA2-PSK recommended), and other network parameters.
5. Save your changes and restart the router if prompted.

5.3. USB Connectivity (Power Bank Function)

The ZTE U50's USB port can be used to provide power to other devices, such as smartphones or tablets. Connect your device to the router's USB port using an appropriate cable to initiate charging.

6. USING THE ZTE LINK APP

The ZTE Link app simplifies the management of your ZTE U50 router from your smartphone.

1. Download the ZTE Link app from your device's app store (Google Play Store or Apple App Store).
2. Connect your smartphone to the ZTE U50 Wi-Fi network.
3. Open the ZTE Link app and follow the on-screen instructions to connect to your router.
4. Through the app, you can monitor data usage, manage connected devices, change Wi-Fi settings, check battery status, and update firmware.

7. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the device. Do not use liquid cleaners or aerosols.
- **Storage:** Store the device in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** To prolong battery life, avoid fully discharging the battery frequently. Charge it regularly.
- **Firmware Updates:** Periodically check for firmware updates via the ZTE Link app or the web interface to ensure optimal performance and security.

8. TROUBLESHOOTING

Problem	Possible Solution
No internet connection	<ul style="list-style-type: none">• Check if the SIM card is inserted correctly.• Ensure you have an active data plan.• Restart the router.• Check network signal strength.
Cannot connect to Wi-Fi	<ul style="list-style-type: none">• Verify the Wi-Fi password.• Ensure the router's Wi-Fi is enabled.• Move closer to the router.
Slow internet speed	<ul style="list-style-type: none">• Check network signal strength.• Reduce the number of connected devices.• Move to an area with better network coverage.
Device not turning on	<ul style="list-style-type: none">• Ensure the battery is charged.• Try charging the device for at least 30 minutes.

9. SPECIFICATIONS

Feature	Detail
Brand	ZTE
Model Name	U50

Feature	Detail
Special Feature	Access Point Mode
Frequency Band Class	Single-Band
Wireless Communication Standard	802.11n
Compatible Devices	Smartphone
Recommended Uses	Outdoor/Travel
Included Components	Router
Connectivity Technology	USB
Item Weight	164 grams
Operating System	ZTE Firmware
Security Protocol	WPA2-PSK
Number of Ports	1
Control Method	Via App, Push Button
Data Transfer Rate	150 Mbps
LAN Port Bandwidth	1000 Mbps
Maximum Data Transfer Rate	150 Mbps
Modem Compatibility	Yes
Coverage	Up to 10 devices
Battery Capacity	4000 mAh (up to 8 hours operation)
Dimensions	4.54 × 2.56 × 0.51 inches

10. SAFETY INFORMATION

- Do not expose the device to extreme temperatures, direct sunlight, or high humidity.
- Avoid dropping or subjecting the device to strong impacts.
- Use only approved chargers and accessories.
- Do not attempt to disassemble or modify the device.
- Keep the device away from medical devices, as it may interfere with their operation.
- Dispose of the device and battery responsibly according to local regulations.

11. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the warranty card included in your package or visit the official ZTE website. Keep your proof of purchase for warranty claims.

