cdma2000 Wireless Data Terminal
User Manual

The manual is applicable for the **AC3633**

Contents

Let's get started

Thanks for choosing the AC3633. It's a cdma2000 Wireless Data Terminal, which we'll simply call 'router' from now on.

If you'd like your router to live a long and fruitful life, please read this guide carefully and keep it for future reference. You never know when you might need it.

And don't worry if the pictures we use to demonstrate your router's functions look a little different from what you see on its screen. It's the functions they show that matter.

Lost or stolen?

If your router goes missing, please tell your service provider as soon as you know. That way other people can be barred from using it.

We'd strongly advise you to set a PIN, and change it from time to time.

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Lost or stolen?

Using your router safely

on the road

- Using a router while driving is illegal in many countries. Please follow local laws and drive safely at all times.

near sensitive electronics

- Don't use your router near sensitive electronic equipment – particularly medical devices such as pacemakers – as it could cause them to malfunction. It can also interfere with the operation of fire detectors and other automatic-control equipment.
- For more information about how your router affects pacemakers or other electronic equipment, please contact the manufacturer or your local distributor.
- Your router may cause interference when used near TVs, radios or automated office equipment.

while flying

- Your router can cause interference with aircraft equipment. So it's

essential you follow airline regulations. And if airline personnel ask you to switch off your router, or disable its wireless functions, please do as they say.

in hospital

- Your router may interfere with the normal operation of medical equipment. Follow all hospital regulations and turn it off when you're asked to by posted warnings or medical staff.

at a petrol station

- Don't use your router at petrol stations. In fact, it's always best to switch off whenever you're near fuels, chemicals or explosives.

around water

- Keep your router away from water (or any other liquid). It's not a waterproof model.

making repairs

- Never take your router apart. Please leave that to the professionals. Unauthorised repairs could break the terms of your warranty.

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around children

- Keep your mobile out of children's reach. It should never be used as a toy and it might not be good for their health.

original accessories

- Only use the original accessories supplied with your router or those approved by the manufacturer. Using unapproved accessories may affect performance, make the warranty void, break national regulations on the use of routers, or even cause injury.

near explosives

- Turn off your router in or near areas where explosive materials are used. Always obey local laws and turn off your router when requested.

working temperature

- The working temperature for the router is between 0℃ and 40℃. Please don't use the router outside the range. Using the router under

too high or too low temperature might cause problems.

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Inserting and removing the SIM

1. Take out USB interface and SIM card cover in the direction indicated by the arrow.
2. Insert SIM card as below.

3. Push back SIM card cover.

Restore factory settings

As the router is working, long press **Reset** key to restore factory settings.

LED

Functions	Descriptions
Power on，WiFi function normal	WiFi blue light slow flash
WiFi connect built	WiFi blue light is normally on
WiFi off or abnormal	WiFi blue light is off
Not register to the net	3G red light slow flash
Register to the net	3G green light flash
Dial success and connect to the net	3G green light is normally on
Power is given	WiFi blue light、3G red and green light is on

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Functions of Data card

When connected with the PC, the router can be used as a data card. It supports Windows XP/Vista/7, MAC and Linux operating system. In the area where there is signal, it allows you to go surfing on the Internet.

⚠️ **Note:**

As the router is used as a data card, the Wi-Fi function is Off automatically.

Install

1. Please connect the router with PC through USB interface. You could use the USB extension cable to connect.
2. The installation driver will automatically run. Please follow the wizard to install.
3. The system will automatically find new hardware and install the driver. Wait for a while. Click "Finish" after the installation is completed.

⚠ **Note:**

> *If your CD-ROM autorun function is prohibited by the firewall, the auto installation interface will not appear. In this case, go to "My computer" to find the virtual CD-ROM and run the relevant installation application in the virtual CD-ROM.*

After the application is installed successfully, the application icon will appear on your desktop. Double-click this icon, run the application to display the user interface.

The icons on the interface are used to access the following functions in the table below:

	Open URL		NetConnect		NetConnect Log

Settings   Help

Onscreen icons

Icons	Descriptions	Icons	Descriptions
AUTO	EVDO Rev A network indication		Sleep indication
	Signal strength indication, the more bars there are, the stronger the signal is.		Roaming indication
	CDMA network unavailable		No SIM card inserted indication
	Connection indication		SIM card inserted indication

Uninstall

1. Select **Start** ➝ **All Programs** ➝ **ZTEMT** ➝ **Uninstall ZTEMT UI**, and you will be asked if you want to remove the program. Click "Yes".

2. Please wait and then click "OK" when un-installation is completed.

Functions of router

⚠ **Note:**
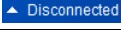
1. Prior to use, please check if your computer has Wi-Fi function or not.
2. The router only supports the main stream browsers, e.g., IE6+, firefox 3+, etc.

Visit WEB UI

1. Click the icon "Wireless Network Connection" in the right-down corner, find AC3633-XXX in the network list and click "Connect".

2. Run IE browser and input http://192.168.1.1.

3. Input the username: admin and password: admin to enter the user interface.

4. In the user interface, go to Management homepage ➡ Network connection ➡ Auto connect or not and select "Yes" or "No". Click

"Connect" to manually connect to the network if you select "No"; after settings, please click "Apply" to save the settings.

Onscreen icons

Icons	Descriptions	Icons	Descriptions
	CDMA network indication		Battery capacity
Connected	Connected	Disconnected	Disconnected
Connecting	Connecting	Disconnecting	Disconnection

Wireless Settings

Basic settings

- ◆ **Current profile**: display the current network status.
- ◆ **Network name**: display the current router's part number.
- ◆ **Network broadcast**: the default is ON. The terminal can find the wireless network during wireless network scanning only as the

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network broadcast is turned ON.

◆ **MAC address**: display the current MAC address in use.

◆ **Network mode**: G-only, B-only, B/G Mixed, The default is B/G Mixed.

◆ **Channel:** auto, from 1 to 13; the default is auto.

After settings, please click "Apply" to save the settings, click "Reset" to reset the modified data sheets.

Web UI dial settings

In user interface, go to **Advanced settings** ➜ **PPP settings** to set the relevant network parameters (dial number, username, password) and authentication type.

After settings, please click "Apply" to save the current settings, click "Reset" and then "Apply" button to restore the current settings to the factory default settings.

◆ **Dial number:** #777

◆ **Username:** card

◆ **Password:** card

◆ **Authentication type:** AUTO/PAP/CHAP

Security settings

◆ **Security type**: there are five types: Open, WEP, WPA-PSK, WPA2-PSK and WPA/WPA2 Mixed. The default is Open.

◆ **WPA arithmetic**: TKIP, AES and TKIP+AES.

◆ **WPA password**: display WPA password.

◆ **Group key update time**: set the relevant time.

After settings, please click "Apply" to save the current settings, click "Reset" to reset the modified data sheets.

Appendix

Care and maintenance

Your router is a delicate device. The following advice will help you to keep it looking good and performing well…

- Use a soft dry cloth to clean your router, battery and charger. Don't use liquids such as alcohol, dilution agents or benzene.
- From time-to-time, clean the socket where the charger cable connects to the router. Dust tends to gather there. This will ensure a really good connection.
- Don't use needles, pen points or other sharp objects on the keypad or screen.
- Don't use your router with wet hands – it could injure you and damage the router.
- Don't use your router in dusty or dirty environment.
- Keep your router away from extremes of heat – like radiators or ovens. It may explode if it gets too hot.
- If your router gets wet and the colour of the label on it changes, the warranty will be void, even if the warranty period hasn't expired.

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- If there's anything wrong with the router, battery, charger, or any accessory, please send them to your nearest service centre for inspection.

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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.

Changes or modifications not expressly approved by the party responsible for

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compliance could void the user's authority to operate the equipment.

- The antenna(s) used for this transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

▸**RF exposure information (SAR)**

This device meets the government's requirements for exposure to radio waves. 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 U.S. Government. The exposure standard for wireless device employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6W/kg. *Tests for SAR are conducted using standard operating positions accepted by the FCC with the device 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 device 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 poser required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output. SAR compliance has been established in the host product(s) (laptop computers), tested at 5mm separation distance to the human body, and tested with USB slot configurations including Horizontal-UP, Horizontal-Down, Vertical-Front, Vertical-Back. This device can be used in host product(s) with substantially similar physical dimensions, construction, and electrical and RF characteristics. The highest SAR value, tested per FCC RF exposure guidelines for USB dongle, as described in this user guide, is 1.247

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W/kg. The FCC has granted an Equipment Authorization for this device with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this 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: Q78-AC3633   .

This device is compliance with SAR for general population /uncontrolled exposure limits in ANSI/IEEE C95.1-1999 and had been tested in accordance with the measurement methods and procedures specified in OET Bulletin 65 Supplement C.

Declaration of RoHS compliance

We're determined to reduce the impact we have on the environment and take responsibility for the earth we live on. So this document allows us to formally declare that the AR910, manufactured by ZTE CORPORATION, fully complies with the European Parliament's RoHS (Restriction of Hazardous Substances) Directive 2002/95/EC, with respect to all the following substances:

(1) Lead (Pb)

(2) Mercury (Hg)

(3) Cadmium (Cd)

(4) Hexavalent Chromium (Cr (VI))

(5) Polybrominated biphenyl (PBB)

(6) Polybrominated diphenyl ether (PBDE)

Our compliance is witnessed by written declaration from our suppliers. This confirms that any potential trace contamination levels of the substances listed above are below the maximum level set by EU 2002/95/EC, or are exempt due to their application.

The AR910 manufactured by ZTE CORPORATION, meets all the requirements of EU 2002/95/EC.

Disposal of your old router

1. When the wheelie bin symbol is attached to a product, it means the product is covered by the European Directive 2002/96/CE.

2. All electrical and electronic products should be disposed of separately from normal household waste via designated collection points provided by government or local authorities.

3. The correct disposal of electrical and electronic products will help protect the environment and human health.

Problems and their solutions

Symptoms	Possible Causes	Solutions
Unable to turn on the phone	Inadequate battery capacity	Charge the battery
	Poor contact	Reinstall the battery
Automatic power-off	Seriously poor battery capacity	Recharge the battery
Inadequate standby time	Deceasing of battery performance	Replace the battery
	Poor network signal	Turn off the phone as the signal is poor
Unable to connect the network	Poor network	Move to other places
	Out of the service area	Make sure your phone is in CDMA network service area

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