



GSM/GPRS/GPS Tracker **GT300**
User Manual

TRACGT300UM002

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0. Revision History

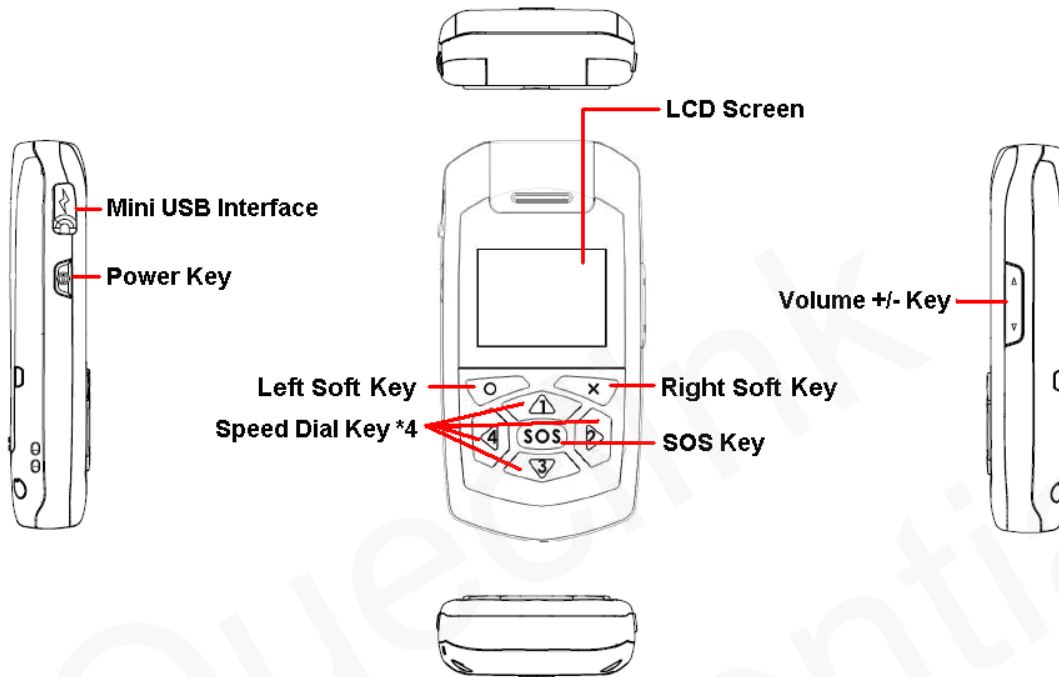
Revision	Date	Author	Description of change
2.01	2009-08-27	Moon Xie	Initial
2.02	2011-04-27	Journey Zhang	Add Restore Factory Setting
2.03	2011-06-14	Journey Zhang	Add Silent Auto Answer Setting
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2.06	2013-11-14	Felix Jiang	Add Handsfree Auto Answer Setting
	2014-03-14	Pam Pan	Proofread written format

1. Introduction

GT300 is a powerful A-GPS locator with mini size, light weight, superior receiving sensitivity and fast TTFF which works on GSM frequencies 850/900/1800/1900 MHz. GT300 is designed for many applications such as human body or vehicle security, specific target to be tracked, emergency call, and management for specific purpose and target. GT300 has 4 preset numbers and an SOS number. User can set the 4 number keys and SOS key though software. By using GT300, user can not only realize SOS alarm, real-time location query and voice call functions but also get the device's history track though visiting website.

2. Product Overview

2.1. Appearance



2.2. Keypad and Mini USB Interface Description

Keypad function description	
Power Key	<ul style="list-style-type: none"> ● Hold down this key to turn on/off GT300 ● On standby, press this key to lock/unlock the keypad.
Volume +/- Key	<ul style="list-style-type: none"> ● On standby, press this key to increase or decrease the keypad volume; ● While in talking, press this key to increase or decrease the voice volume. ● In menu, press this key to page up or down. ● Press this key to set alarm time.
Left Soft Key	<ul style="list-style-type: none"> ● On standby, press this key to enter the main menu. ● Press this key to perform the function of the prompt displayed in lower left corner of the screen. ● Select a contact and then press this to dial call. ● When there is an incoming call, press this key to answer the call.
Right Soft Key	<ul style="list-style-type: none"> ● Press this key to perform the function of the prompt displayed in lower right corner of the screen. ● While in talking, press this key to end a call.












	<ul style="list-style-type: none"> ● When there is an incoming call, press this key to reject the call. ● On standby, hold down this key to switch general and silent mode.
Speed Dial (1, 2, 3, 4) Key	<ul style="list-style-type: none"> ● On standby, press this key to show the preset contact. ● In menu, press Speed Dial Key 1 or 3 to page up or down. ● In most submenus, press Speed Dial Key 2 to return to the previous menu; press Speed Dial Key 4 to open the next menu.
SOS Key	<ul style="list-style-type: none"> ● In any interface, hold down this key to dial the SOS number. ● When in unlocking SIM card, press this key to enter a PIN number.

Mini USB interface description

Mini USB Interface	<ul style="list-style-type: none"> ● Plug in the AC power adapter to this interface for battery charging. ● Before you use the USB earphone, insert it to this interface.
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Note: In this manual, the phrase “press the key” refers to pressing and thereafter releasing a key; “hold down a key” refers to pressing a key and keeping it depressed for 2 seconds or longer.

2.3. Icon Description

Icon	Explain	Display place
	Signal intensity of the Internet	icon area
	GPRS connects	icon area
	Keyboard is locked	icon area
	Silent mode is activated	icon area
	Earphone mode is activated	icon area
	Ring mode	icon area
	Vibration mode	icon area
	Receive short message	icon area
	Startup alarm	icon area
	Display batteries energy	icon area
	Missed calls	icon area

3. Get Started

3.1. Part List

- GT300 locator
- 850 mAh Li-ion battery
- AC power adapter
- USB earphone



3.2. Battery Charging

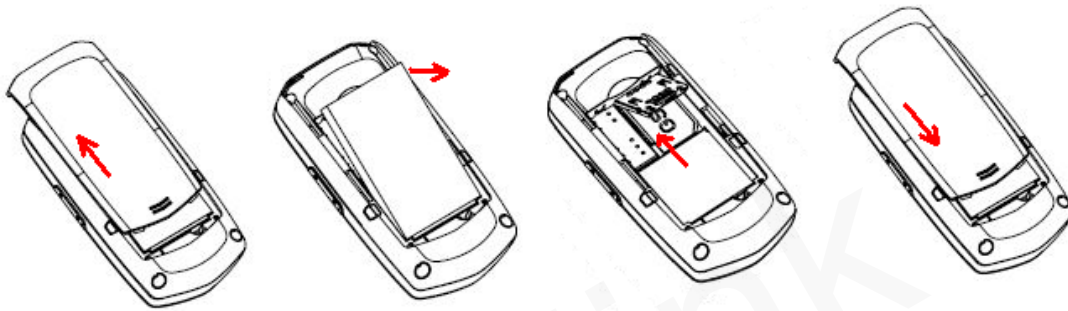
- Please connect AC power adapter with GT300 for battery charging.
- Insert the AC power adapter into the power.
- During charging, the battery capacity indicator in icon area will flash periodically; when charging in power-off status, charging indicator on the screen means GT300 is charging now.
- When the capacity indicator in icon area is full and doesn't flash any more, the charging process is complete. If your phone is charged in power-off status, charging complete screen will also display.
- You can also charge the battery by USB cable which connects GT300 with the PC.
- Charging process usually takes about 3 hours.

Note: Before the first time you use the GT300, please fully charge the battery.



3.3. Install SIM Card

- Turn off the GT300, move up the battery cover, and then remove battery and its cover;
- Move up the SIM card slot cover, pull it up, and insert the SIM card into the SIM card slot according to the direction shown, and then close the cover and move it down to lock;
- Put back the battery and close its cover.



3.4. Turn GT300 on or off

- To turn on GT300, please hold down Power Key.
- GT300 will then automatically test whether the SIM card is inserted and valid. If you set the SIM Lock, GT300 will ask you to input PIN to unlock the SIM card, and then GT300 will conduct a search to find the appropriate network connections.
- In state of power-on, hold down Power Key to turn off GT300.

Unlock the SIM card

In order to protect against unlawful usage, the SIM card uses a PIN number. If you insert a SIM into GT300 which has a PIN code to enable it, you must enter the PIN so as to unlock the SIM card before you use GT300.

- Press Speed Dial Key 2/4 to scroll the rectangle outline on the screen sideways.
- Press SOS Key to enter an appropriate number; press Right Soft Key to clear mistakes.
- Finish by pressing Left Soft Key.
- If the correct Pin number has been entered, you will see a code accepted message displayed on the screen.

Note: You generally have 3 attempts to enter the correct Pin number. After that, you may have to contact your service provider to unlock your SIM.

3.5. Make a Normal Call

- User can preset 20 controlled contacts by software and the first four numbers are the Speed Dial Number (1, 2, 3, 4).

- When you want to make a phone call, first press **Speed Dial Key X**, and then press **Left Soft Key** to call this preset number.
- Press end key to end the call while in dialing process.
- If the call is received, it will be in talking state.
- Press **Right Soft Key** to end the call while in talking state.

3.6. Make an Emergency Call

- At first, user should preset one SOS number.
- When confronted with emergency situations, the user can hold down the **SOS Key** in any case to dial the SOS number for help.

4. Function Menu

4.1. Menu Tree

- 1) **Call History**
 - a) Missed Calls
 - b) Dialed Calls
 - c) Received Calls
 - d) Delete Call Logs
- 2) **Check GPS**
- 3) **Messages**
 - a) Inbox
 - b) Delete Inbox
- 4) **Sound**
 - a) Alert Mode
 - b) Ring Tone
 - c) Ring Volume
 - d) Keypad Volume
 - e) Alarm Tone
 - f) Message Tone
- 5) **Setting**
 - a) Time and Date
 - b) Language
 - c) LCD Backlight
 - d) LCD Contrast
 - e) Auto Keypad Lock
 - f) Auto Answer Setting
 - g) Restore Factory Settings
- 6) **Alarm**
- 7) **Contact**
 - a) Speed Dial
 - b) Controlled Contact
 - c) SIM Contact (optional)
 - d) SOS Number

Note: SIM Contact menu only shows when GT300 is set to use SIM card contacts function.

4.2. Call History

The Call History stores the last twenty missed/received/dialed calls.

Press Left Soft Key to enter the Call History menu. There are 4 items in this menu, “**Missed Calls**”, “**Dialed Calls**”, “**Received Calls**”, and “**Delete Call Logs**” respectively. Press Speed Dial Key 1/3 to scroll these items and press Left Soft Key to enter the selected item.

- **Missed Calls:** List missed calls
- **Dialed Calls:** List dialed calls
- **Received Calls:** List received calls
- **Delete Call Logs:** When the record is not empty, you can delete record of Missed Calls, Dialed Calls and Received Calls, or select the “**Delete All**” option to delete all call record.

4.3. Check GPS

GPS location acquisition test can be performed by using this option located in the main menu.

Press Left Soft Key to enter the Check GPS. GT300 will search GPS signal and fix location. When GPS positioning is successful, the screen will display your location information, including longitude, latitude, speed, etc. Then according to the home city and daylight saving setting, GT300 will automatically adjust system time with GPS UTC time.

Note: Different home cities you select are corresponding to different time zones.

4.4. Message

Press Left Soft Key to enter message menu. There are two items in this menu, “Inbox” and “Delete Inbox”. Press Speed Dial Key 1/3 to scroll these items and press Left Soft Key to enter the selected item.

- **Inbox:** When receiving a message, GT300 will vibrate or ring to notify of a new message. If you don’t read immediately, an unread message icon appears on icon area. If there is no room to store, you will see the glittering icon of the new message on the screen.

Press **Left Soft Key** to read the details of the message on message list. If you want to delete this message, press **Left Soft Key** to delete it and confirm this by pressing **Left Soft Key** again.

Note: The Inbox limit is 200 SMS messages.

- **Delete Inbox:** Press **Left Soft Key** to delete all messages in inbox and confirm this by pressing **Left Soft Key** again.

4.5. Sound

In main menu press **Left Soft Key** to enter Sound menu. There are six items in this menu:

- **Alert Mode:** Ring or Vibration
- **Ring Tone:** 25 ring tones
- **Ring Volume:** 1---7
- **Keypad Volume:** 1---7
- **Alarm Tone:** 25 ring tones
- **Message Tone:** 10 tones or Silent

4.6. Settings

In main menu press **Left Soft Key** to enter Setting menu. There are seven items in this menu:

- **Time and Date:**
 - Set Home City:** Select the home city in 77 cities.
 - Set Time/Date:** Set the current time and date of GT300 according to established format.
 - Set Format:** Set time and date format.
- **Language:** Select from English, Español and Chinese.
- **LCD Backlight:** Set backlight level.
- **LCD Contrast:** Set contrast level.
- **Auto Keypad Lock:** Select from **5 sec**, **30 sec**, **1 min** and **5 min**, on standby. If you do nothing in the time of setting, keypad will automatically lock. If you select **off**, cancel this function.
- **Auto Answer Setting:** Select from Normal Auto Answer, Silent Auto Answer and Handsfree Auto Answer to answer the incoming calls automatically. If you select **off**, cancel this function.
- **Restore Factory Settings:** The input password is 1122.

4.7. Alarm

GT300 can set five alarms at most, and hold out the alarm when the phone is powered off. Select one alarm and set it to **turn on/off**, **time**, **Repeat**, **Snooze (mins)** or **Alert Mode**.

4.8. Contact

Although GT300 has only 4 speed dial keys, it can store a total of 20 numbers in its Controlled Contact. These numbers are preset and managed from the software platform.

Press **Left Soft Key** to enter Contact menu. There are three items in this menu:

- **Speed Dial:** This will show the speed dial key numbers from 1 to 4.
- **Controlled Contact:** This will show all controlled numbers. Use Speed Dial Key 1/3 to scroll through the numbers. Press **Send Key** to dial the selected number.
- **SIM Contact:** This will show all numbers saved in SIM card. Use Speed Dial Key 1/3 to scroll through the numbers. Press **Send Key** to dial the selected number.
 - Note: This menu only shows when GT300 is set to use SIM card contacts function.**
- **SOS Number:** This will show the current set SOS alert number.

5. Troubleshooting and Safety Info

5.1. Troubleshooting

Trouble	Possible reason	Solution
Poor reception	Using the device in an area with poor reception such as near tall buildings or in a basement where radio waves cannot be transmitted.	Try to avoid.
	Using the device when the network is busy, such as during rush hour, when the lines are full, making it impossible to get through.	Try to avoid.
	Related to the distance from the base station built by the network.	You can request that the network service provider provide a service area plan.
Echo or noise	Caused by poor network relay, a regional problem.	Hang up and redial. If the relay is changed, then the line may be better.
	Some calling regions have poor lines.	
Shortening of the standby time	Standby time is related to the network system.	Please temporarily turn off your device, as you are located in an area with poor reception.
	Batteries need to be replaced.	Replace the batteries.
	When you cannot get a signal, the phone will continue to transmit in order to find a base station. Thereby expending large amounts of electricity will cause the standby time to decrease.	Please move to an area with a strong signal or temporarily turn off your device.
Unable to turn on the device	The battery runs out.	Check the remaining electricity or recharge.
SIM card malfunction	SIM card is damaged.	Contact your network service provider.
	SIM card is not properly inserted.	Confirm SIM card is properly inserted.
	There is a foreign substance on the metal surface of the SIM card.	Use a clean cloth to wipe the metal contact point of the SIM card.

Unable to connect with the network	Expired SIM card.	Contact your network provider.
	Outside the GSM service area.	Consult your network provider in the service area.
	Poor signal.	Please move to a place with a better signal and try again.
Incorrect PIN number	Consecutively enter the wrong password three times.	Contact your network provider.
Unable to charge	Battery or charger is damaged.	Replace the battery or charger.
	Recharging in the environment of less than -10 °C or higher than 45 °C.	Change the charging environment.
	Poor contact.	Check if the plug is properly connected.

5.2. Safety Info

- Please do not immerse the device in liquids.
- Please do not store the device in wet, dirty or dusty environments.
- Please do not expose the device to extreme temperatures.
- Please do not place the phone in or near microwave emitting devices.
- Please do not operate or store the device near flammable materials.
- Please do not use the device in restricted areas without permission.
- Avoid dropping, throwing or putting heavy pressure on the device.
- Please do not attempt to, or actually open, or alter the device or any of its accessories from its casing in any way.
- Only use authorized accessories with the device.