

Fall Alarm User Manual

(Model: CX299)

Dear Users:

Thank you for using help alarm(Fall Alarm). This user manual has a detailed instruction on how to use the device, please read carefully before using it.

Content

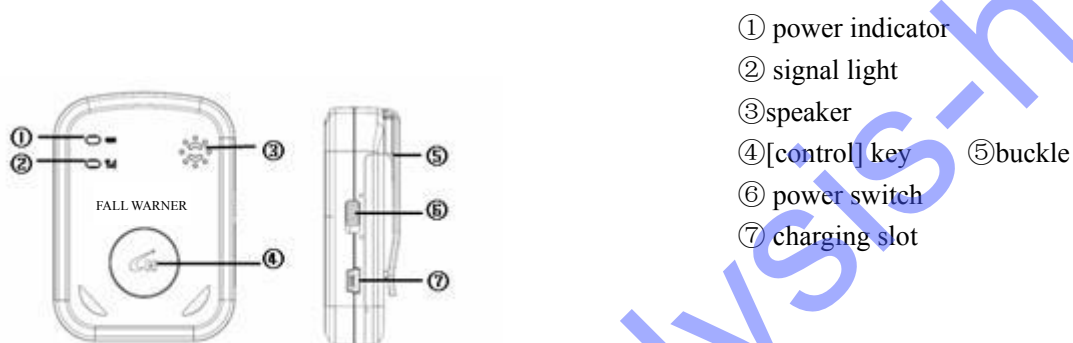
1 General introduction	3
2 Appearance and wearing explanation	3
2.1 Appearance and keypad explanation	3
2.2 Wearing explanation	3
3 Insert SIM card	3
4 Basic functions	4
4.1 Switch on and switch off	4
4.2 Warning function	4
4.3 Call function	4
4.4 GPS function	4
4.5 GPS software	5
4.6 Check device status	5
4.7 Send multiple SMS	5
4.8 Time Prompt	5
4.9 Low power reminding	5
4.10 Switch on prompt	6
4.11 Battery charge	6
4.12 Network LED	6
5 Command message	6
6 Precautions	7
7 Special Explanations	7
7.1 Error warning	7
7.2 Missing warning	7
7.3 Reparation	7

1 General introduction

With the number of aged people increasing, the caring for aged people becomes an important issue. Fall Alarm can real-time monitor the status of the aged people. When aged people fall down, Fall Alarm can automatically send SMS to another person's mobile phone, so that an aid can be provided immediately. If aged people feel unwell, he/she can press the Control Button for three seconds to activate warning function and send SMS. Fall Alarm transmits SMS by GSM wireless network. Fall Alarm is small, elegant and portable. It is an intimate partner for aged people.

2 Appearance and wearing explanation

2.1 Appearance and keypad explanation

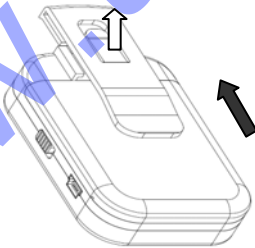





2.2 Wearing explanation

As shown in Figure, the device can be fixed on the Waist Position and parallel to the body by the buckle, Make Sure the device is reliably and stably fixed.



3 Insert SIM card

<p>3.1 Lift the buckle as the hollow arrow indicates, then remove the buckle as the black arrow indicates.</p>	<p>3.2 Open the back cover</p>
	
<p>3.3 Remove the battery</p>	<p>3.4 Put SIM card in the card slot, and then tighten the card with slot cover.</p>

	
3.5 Put the battery into the battery slot.	3.6 Fasten the back cover and buckle.

4 Basic functions

4.1 Switch on and switch off

Switch on and off the device according to Switch Mark .

4.2 Warning function

4.2.1 Automatic warning after falling down

▶ When the device detects falling down, it will speak "*Attention please, Falling has been detected, message will be sent immediately*". After the voice continues for 20 seconds, the device will send warning message "*Automatic warning. The device carrier may fall down. Please contact. "owner's position. "*" every 1 minute. Meantime, it will speak "*It is an emergency I need help*".

▶ When the device detects that the device owner is standing, it will automatically stop speaking and sending warning message. Meantime, the device will send message "*The device carrier is on normal condition*".

▶ When the device detects that the Control Button is pressed, it will automatically stop speaking and sending warning message. Meantime, it will send the message that shows "*Alarm was canceled by pressing the button*".

Notice

▶ please make sure the GSM connection before using this function, linking to "**5.SMS setting**".

▶ while the device has successful positioned since taking on the device, the information of owner's position is shown the latitude and longitude of the latest GPS, just as "GPS N34.829482 E107.284923".

Cancel error warning

▶ During the device speaks: "*Attention please, Falling has been detected, message will be sent immediately.*", if the owner press the Control Button, the device will cancel sending warning message. Meantime, it will speak "*Message has been cancelled*".

4.3 Call function

The call function includes two mode, active call and passive call. Active call: the device can call the binding number; Passive call: every phone can call the device.

▶ Active call

Press the Control key for 5 seconds, the device will automatically dial the binding number.

▶ Passive call

When the device is called, it will ring. Press Control Key to answer the call.

▶ Press Control key to end the call during phone call.

▶ The device will send SMS message "*The owner would like to get in touch with you!*" to the binding number in case that the bound number rejects or fails responding.

4.4 GPS function

The device has GPS function to track the device location. The positioning accuracy is maximum 15 meters.

▶ Resolve the function

The GPS software can be installed into Smartphone with Android platform. After setting up GPS software,

the Alarm location can be found on the electronic map.

The device receives the longitude and latitude value through GPS. Search the location on the GOOGLE electronic map according to the longitude and latitude value sent by the device.

► **The method of obtaining the owner's position from GPS software**

Send short message "CX" from the binding phone to the device to acquire the device location.

The device sends GPS information while sending warning message to the binding phone.

GPS notice

When the device can not locate the position, the GPS information would be the latest location the device acquired.

When switching on the device, GPS requires a certain time to acquire position. Positioning time depends on the location of device.

► **Elements of effecting GPS**

The location of device affects the positioning accuracy. Device in open field can get high positioning accuracy. Device inside car, bus, or buildings will get low positioning accuracy.

GPS function will be affected if device inside room.

Device shall not be covered. GPS function gets weak when device is covered.

GPS function has a high power consumption and reduces standby time.

In the same location, positioning accuracy may be different at different time. The GPS accuracy difference is caused by the movement of GPS satellite.

4.5 GPS software

GPS software is developed by our company and used for Fall Alarm. GPS software is installed on the bound phone. The software can be used to set up the device, read message, read GPS coordinate and open GPS Resolve map. Refer to the user manual of CX299 GPS software for more details.

GPS software and specification can be downloaded

4.6 Check device status

Send the specified message to the device via the binding phone. The device will reply with message including battery volume, temperature information, and device position.

4.7 Send multiple SMS

This function can be on or off. If the function is on, the device will send multiple SMS to all binding mobile phones.

NOTICE: No more than five mobile phones numbers can be binded with the device.

4.8 Time Prompt

According to the time setting, the device will send messages to the binding phone. The message information includes battery volume, temperature information, and device position information.

4.9 Low power reminding

When the power of battery is full, the power light is off.

When the power of battery is low, the device will prompt the owner by message, voice and the battery light.

When the power of battery is low, the device will speak "**Power is low, please charge the battery**" every 5 minutes and send message "**Low battery!**" to the bound mobile. Meantime, the battery light will flash.

When the power of battery is being exhausted, the device will speak "**Power runs down, please charge the battery.**" and send message "**The power is used up. All function is shut off. Please recharge.**" to the bound mobile phone. Meantime, battery light will be on.

4.10 Switch on prompt

After the device is switched on for one minute, it will send message "**The device is in operation.**" to the binding mobile phone.

4.11 Battery charge

- ▶ This Li battery is rechargeable. Using original battery charger can ensure battery life longer.
- ▶ Take care to insert the charger into the USB port of the device.
- ▶ For first time using, original charger shall be used to charge the battery for 8 to 10 hours. New battery can reach maximum capacity after 2 to 3 rounds of full charge and discharge.
- ▶ When the battery is fully charged, the battery light will be off as the original status.
- ▶ Disconnect the charger from the device when fully charged.

4.12 Network LED

The LED light is the GSM network signal indicator. LED light flashes slowly every 3 seconds when registering to the network successfully. LED light flashes fast every 0.8 second when failing to register.

5 Command message

Command message explanation.









Command	Explanation
Open Bound	Send KBD to the device to bind the number with the device.
Close Bound	Send GBD to the device to close the binding with the device.
Inquiry	Send CX to the device to check the battery capacity, temperature, and device location information.
Open multiple message	Send KQF to the device to activate the function of sending multiple messages.
Close multiple message	Send GQF to the device to close the function of sending multiple messages.
Multiple message setting	Send HMxxxxxxxxxxx; xxxxxxxxxxxxxx; xxxxxxxxxxxxxx; xxxxxxxxxxxxxx; xxxxxxxxxxxxxx; to the device to activate multiple message setting. Xxxxxxxxxxxx represents the mobile phone number, and maximum is 11 digits. When mobile number is empty, insert "00000000000".
Open Prompt	Send KTSxx:xx to the device to activate the fixed time prompt. xx:xx represents the fixed time of prompt message.
Close Prompt	Send GTS to the device to close the function of sending fixed time prompt message.
Change time setting	Send SJxx:xx to the device to change the time setting. xx:xx represents the time. For example, 08:30 represents 08:30 AM.

Notice:

After successfully setting, the device will send back the message " your setting is successful. "

If incorrectly set or sending wrong message, the device will send back the message." your setting is incorrect, please check carefully.

6 Precautions

-  **While on the flight:** Please switch off the device while on the flight.
-  **In combustible or explosive environment:** In combustible or explosive environment, switch off the device.
-  **In place that has dangerous items such as gas station, explosive materials, and mining field:** Switch off the device in the above dangerous places.
-  **In hospital:** Switch off the device in hospital to comply with the hospital regulations.
-  **Electromagnetic interference:** All wireless transmission equipment may interfere the performance of the device.
-  **Reparation:** Only specialized person can repair the device. Reparation without special instruction will cause damage to the device and personal health, and infringe Warranty guarantee.
-  **Spare parts and battery:** Only authorized spare parts and battery can be used. To protect the environment, please dispose the used battery properly.
-  **Proper use:** The device shall not be used at temperature over 60°C, or exposed to sunlight for a long time. Use wet cloth or static electricity proof cloth to wipe the device.

7 Special Explanations

7.1 Error warning

Any of following actions may cause error warning:

- 1)While in sleep, the device is not switched off.
- 2)Press the Control Button carelessly.
- 3)Other special condition.

In any situation, press the Control Button to cancel warning.

7.2 Missing warning

Any of following situations may cause missing warning:

- 1)SIM card is damaged, or SIM card is not properly installed.
- 2)The device is switched off or its power is exhausted.
- 3)The GSM wireless network signal is weak or blocked.
- 4)The device owner falls down on the stair.
- 5)Other special situations.

7.3 Reparation

When the device is not in proper function or damaged, please contact us and our special expert will provide reparation. Without our authorized reparation, any damage to device or person will not be our responsibility.

Notice: In some special conditions which affect the device performance, we will not bear the responsibility for slight error or missing warning.