



User Manual for Fall Warner with Pedometer Function

1. Product Picture



2. Product Specification

Product Name	Fall Warner with Pedometer Function
Model	FA101
Size & Weight	68(L)x58(W)x30(H), Weight: approx. 58.8g
Applicable Scope	This device is applicable for the senior who is going out alone or living alone, it is also applicable for the people who need sports management.
Operating Environment	-10°C to 40°C, ≤95% RH
Storage Environment	-20°C to 50°C, ≤95% RH
Battery	3.7V rechargeable lithium battery
Buzzer	90±5dB
Flash	0.15W
The best distance away from mobile	≤5m

3. Main Function

1) SOS Function

When you are in an emergency and want to ask for help, please hold SOS Button ③ for 1 second thus Buzzer ⑦ and Flash Lamp ⑨ will alarm with a frequency of 0.5Hz. If you press ③ in 5 seconds the alarm will be stopped. If not, an emergency call message will be sent to appointed mobile and alarm is continued. After that when you press ③ again alarm will be stopped and a message of cancelling emergency call will be sent.

2) Fall Alarm Function

This function is divided to four stages: fall detection and indication, mobile pre-alarm, alarm confirming and emergency call message sending stage. Please see followings for details:

a) Fall detection and indication stage

When fall is detected and maintained for 5 seconds (tilt angle $>60^\circ$ which comparing with the angle of normal standing status) Buzzer ⑦ and Flash Lamp ⑨ will alarm with a frequency of 0.5Hz. Then if you press SOS Button ③ or stand up in 7 seconds the alarm will be stopped. Otherwise the device will enter to the next stage.

b) Mobile pre-alarm stage

In this stage Buzzer ⑦ and Flash Lamp ⑨ will alarm with a frequency of 1Hz and an emergency call message will be sent to your mobile and alarm is continued. You can cancel the alarm only after you pressed ③ or stood up or pressed the [cancel] on mobile interface. Otherwise the device will enter to the next stage.

c) Alarm confirming stage

In this stage Buzzer ⑦ and Flash Lamp ⑨ will alarm with a frequency of 1Hz. The alarm will be canceled only after you pressed ③ or stood up or pressed the [cancel] on mobile interface. Then a command of clearing emergency call will be sent.

Note: During fall status the fall detection and alarm function will be recovery only after you stood up.

d) Emergency call message sending stage

In this stage your mobile will send a emergency call message (including the GPS coordinate of your position) to appointed emergency contact person's mobile. At the same time your mobile will call appointed emergency call number with the voice "hello, I need your help") once per 10 minutes till your call is answered by someone or you have incoming call.

Note: When you wear the device and lie down the device will misjudge that you are falling down and it will alarm till you press SOS Button ③ or stand up.

3) Power Supply and Mobile Wireless Repeater Function

This device can also serve as power supply and mobile wireless repeater for Med-link Wrist Watch Blood Pressure Monitor, Digital Infrared Thermometer, ECG recorder. In this case you can turn on or off fall alarm function via mobile APP setting menu.

4) Battery Indicator Function

There are three battery indicator lamps indicating the battery status.

Battery Volume	Status of Battery Indicator Lamps
100-75%	Three lamps light up.
75-50%	Two lamps light up.
50-15%	One lamp lights up.
15-5%	Three lamps flash.

The total battery volume is $1000\pm20\text{mAh}$. When battery volume is less than 0% the device will be powered off automatically.

5) Pedometer Function

- a) The pedometer function will turn on automatically when the device powers on. You can set this function via mobile APP setting menu. The step counter result will be cleared when the device is power off.
- b) When the device is served as power supply and mobile wireless repeater this pedometer function will be paused and it will be recovered after shut off power supply or wireless transmission.

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FCC Requirement

Note: This equipment 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 radiate 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.

You are cautioned that changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.

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.