Mobile Defender™ Model 4 (MD4)

User Guide

GlobalSat WorldCom Corporation

16F., No. 186, Jian 1st Rd, Zhonghe Dist.,

New Taipei City 23553, Taiwan

Tel: 886.2.8226.3799/ Fax: 886.2.8226.3899
service@globalsat.com.tw
www.globalsat.com.tw

USGlobalSat Incorporated

14740 Yorba Court Chino, CA 91710

Tel: 888.323.8720 / Fax: 909.597.8532
sales@usglobalsat.com
www.usglobalsat.com

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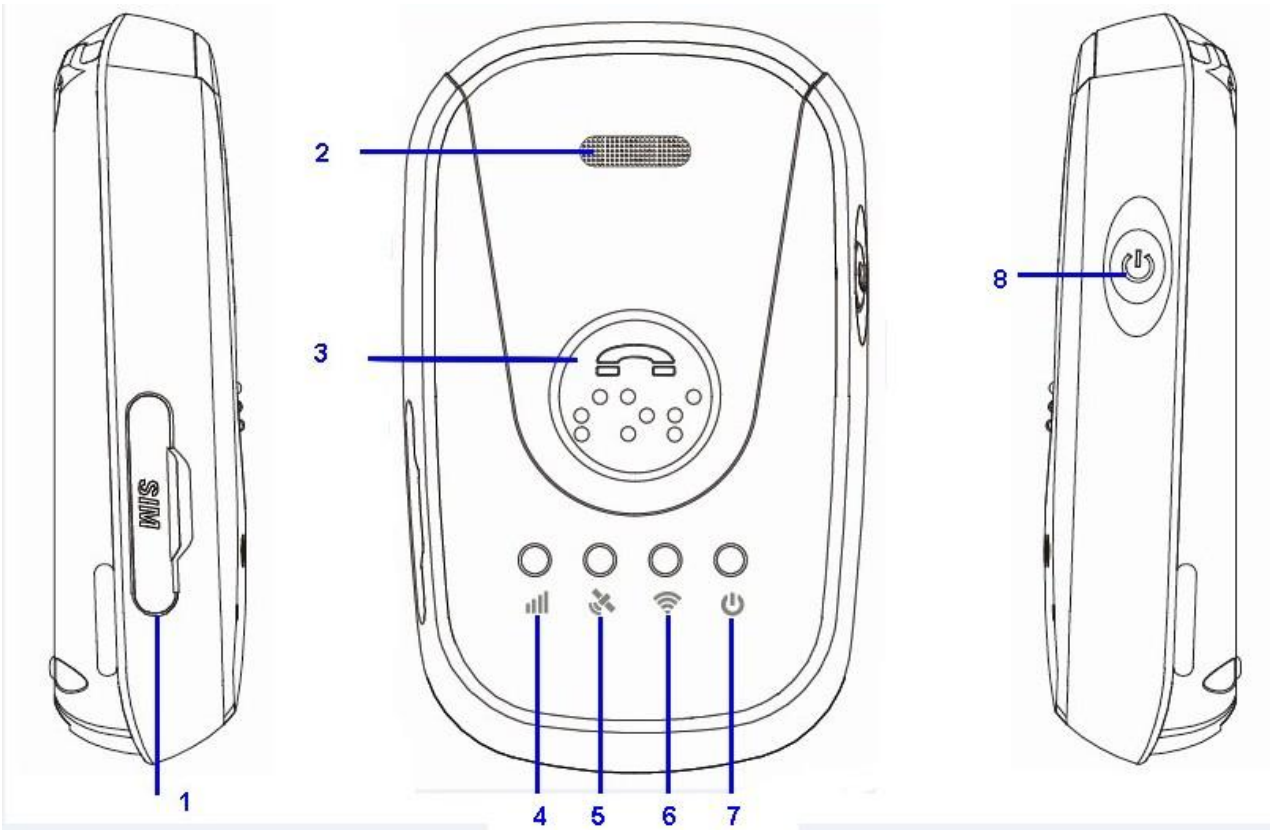
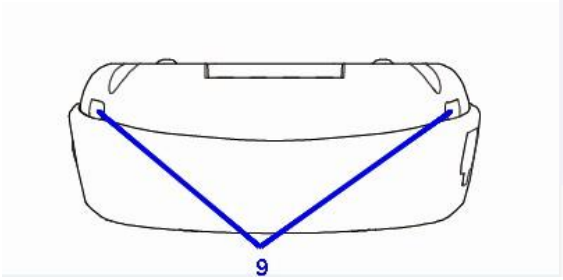
1. Introduction and Features

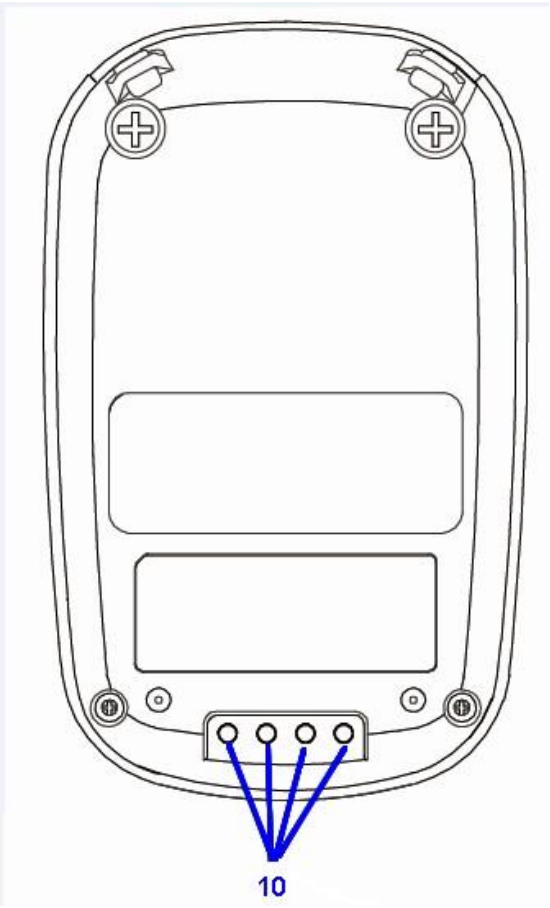
1.1 Buttons & LED Indicators

MD4 is a personal tracking device with fast acquisition time. It is compact, portable and stylish in design with GPS / 4G LTE wireless network. User can easily remotely configure MD4, and then displays the location on Web Service.



1. Introduction and Features (Continued)





1	SIM Card Tray
2	High-powered Speaker
3	SOS Button
4	Cellular LED
5	GPS LED
6	Wireless LED
7	Power LED
8	Power Button
9	Lanyard Holes
10	Charging Pins

1. Introduction and Features (Continued)

1.2 LED Indicators

Cellular LED

LED	Shows Green	Flash Green Quickly	Flash Green Slowly
State	1. MD4 is searching network. 2. MD4 is in voice call.	1. MD4 is sending data 2. MD4 is registered to 4G network	MD4 is registered to 3G/2G network

GPS LED

LED	Flash White Quickly	Flash White Slowly
State	MD4 does not get GPS fix	MD4 gets GPS fix

Wireless LED (BT/Wi-Fi status)

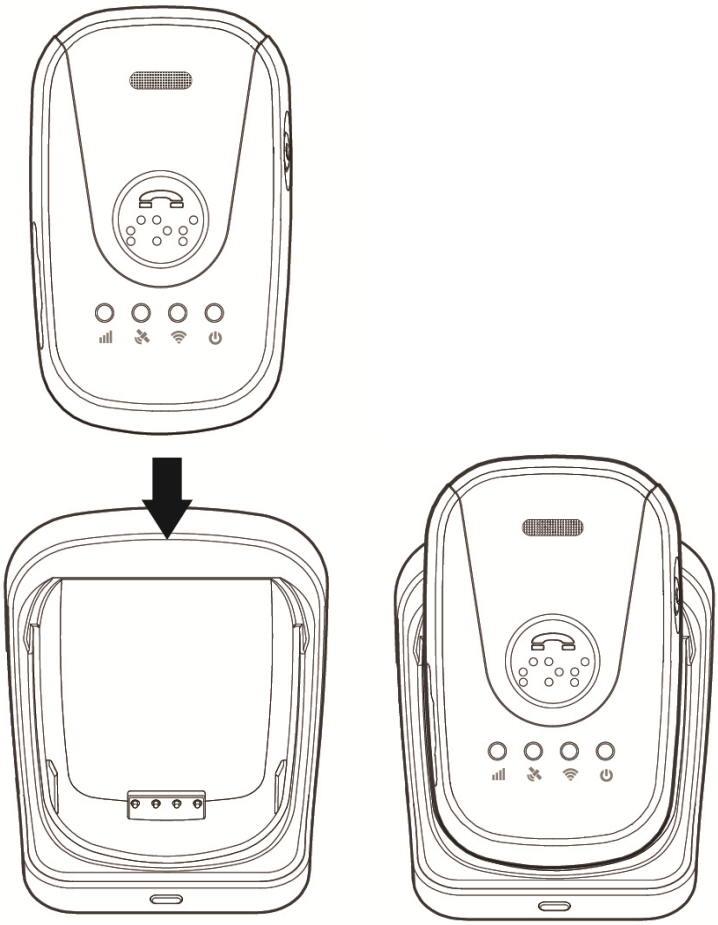
LED	Flash Blue	Off
State	MD4 is searching BT or Wi-Fi	MD4 is not searching BT or Wi-Fi

Power Status LED

LED	Shows Red	Shows Orange *Only applies when device is on the charging cradle*	Off *Only applies when device is NOT on the charging cradle*
State	Battery power is low. This occurs when the battery capacity is at or below 30%.	Solid- MD4 is being charged in the cradle or a car charger.	MD4 is either off or is currently on and has a charge between 30% and 100%

2. Device Operation

2.1 Device charging



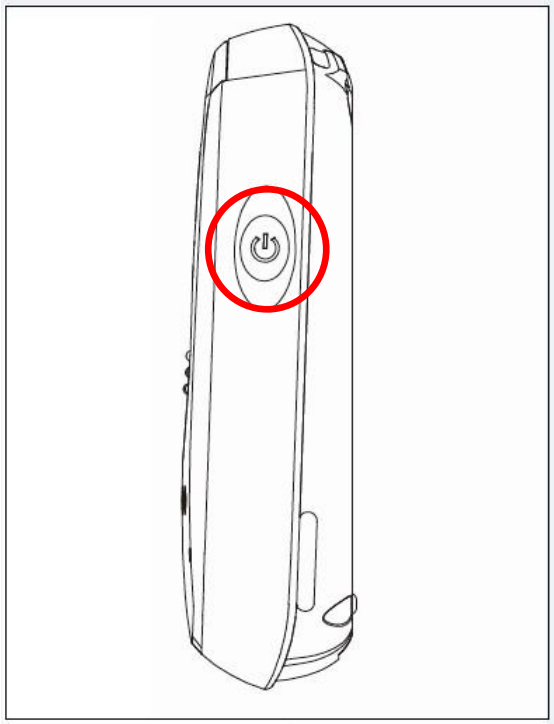
1 2

Before First Use: Ensure a fully charged MD4 upon receipt by docking it in the charging cradle prior to use. It may take 3 hours to ensure a full charge. The power icon will light-up in orange when charging and the power icon will flash when fully charged. After fully charging the MD4, based on standard settings and usage it should last 2 full days before requiring another charge.

Note: the MD4 will automatically turn on when placed in the charging cradle.

2. Device Operation (Continued)

2.2 Power



Turn On MD4 by pushing and holding the power button until the device vibrates.

Turn Off MD4 by pushing and holding the power button until the device vibrates.

When device loses battery power and powers down the MD4 will vibrate and make an audible series of beeps as it turns off.

2. Device Operation (Continued)

2.3 Disabling the Power Button & Low Power Alerts

The MD4 is customizable and may be set to prevent using the power button. This is done so that the device cannot be turned off accidentally or when it is desired to be in a perpetual “powered on” state. This is not a default setting. Ask your service provider for assistance with disabling the power button as needed.

Low Battery Notification: A low battery notice is triggered when the MD4 reaches 30% of its total battery capacity. This typically provides between 12 and 24 hours of notice prior to a forced shutdown of the device. Alternatively, placing the MD4 on the charging cradle will recharge the device in approximately 2 to 3 hours. When the MD4 reaches 10% of its total battery capacity, it will first connect to the GPS network, obtain an updated location (or use its last known location if the GPS network is not available) and then will connect to the cellular network and send a power down notice by email, text message or both as setup. Ask your service provider for assistance with setting up the power off events and notifications as needed.

4. Device Operation (Continued)

2.4 Emergency (SOS) Button

In order to initiate an emergency or SOS notification, press and hold the SOS button for 3 seconds or until you feel the MD4 vibrate (this is a default setting that can be customized). At that point the MD4 will do the following:

1. Connect to the GPS network and retrieve an updated location (if the GPS network is not available, it may use the last known location),

2. Connect to the cellular network to send the SOS notification via email, text message or both, and

3. Begin to call the SOS contact numbers set for the MD4 (ask your service provider for assistance as needed).

Setup Multiple SOS Numbers: Up to 4 SOS numbers can be set and called in

rotation so that the first is called and, if there is no answer after 4 rings or an answering machine picks up, the second number will be called. This follows until the fourth number is called and then begins again with the first. This call rotation will be followed until there is an answer or until the timeout settings on the call rotation are exhausted. Note: if a 24/7/365 monitoring center is used typically only 1 (or at most 2) SOS number will be set.

Once the SOS call is answered, the emergency contact or emergency operator will begin speaking through the hands free speakerphone and you will be able to communicate via the hands free microphone phone. Default speaker and microphone settings allow for a standard conversation to occur from about 5 feet from the MD4. Ask your service provider to adjust the volume as needed. Note: the MD4 may be sensitive to distortion or feedback from other nearby electronics such as mobile phones, car radios and other electromagnetic producing devices."

2. Device Operation (Continued)

2.4.1 Answering Calls

By default the MD4 can be called from any phone and any phone number. When the MD4 is called, the device will ring and vibrate (set by default) and this can be set to only ring, only vibrate or to be placed on silent mode. When a call is received, simply push the SOS button and begin speaking using the high powered speaker and microphone.

Enable Auto Answer: The MD4 can be setup to auto answer inbound calls after a preset number of rings or without any rings or vibration (covert mode). Ask your service provider to enable the auto answer and the auto answer in covert mode as needed."

2.4.2 Ending Calls & Disabling the Hang-up Feature

By default the MD4 allows you to end a call by simply pushing the SOS button. This will disconnect the call immediately. Disabling the Hang up Feature: The MD4 can be set to prevent the user of the device from hanging up on a call. This is to prevent accidental hang ups as well as to prevent situations where the user may want to avoid a conversation or a person who may cause them harm wants to prevent the call. In this case calls can only be terminated by the other party which is typically a 24/7/365 monitoring center or another party attempting to provide assistance. Ask your service provider to disable the hang up feature as needed