



MobileDefender™ Model S (MD-S 1023)

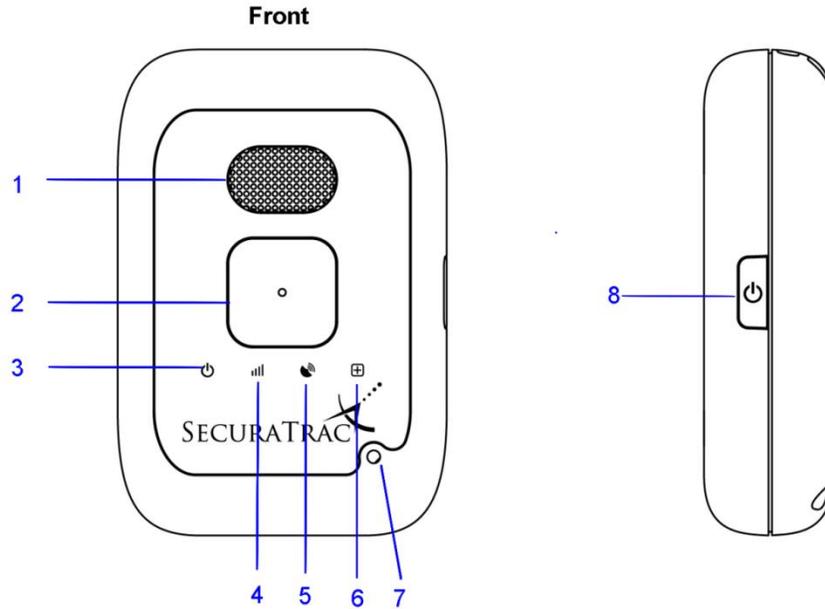
User Guide



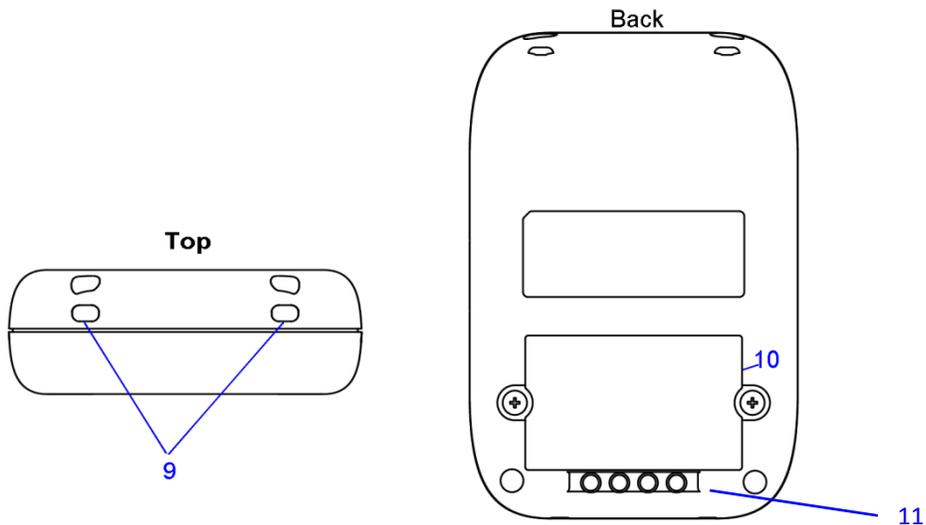
May 24, 2016

Version 1.0

1.1 Buttons & Indicators



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| 1 | Speaker |
| 2 | Emergency Button |
| 3 | Power Status LED |
| 4 | GSM Status LED |
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1.2 LED Light Indicators

Power LED

LED	Shows Red	Shows Yellow	Off
		<i>Only applies when device is on the charging cradle</i>	<i>Only applies when device is NOT on the charging cradle</i>
State	Battery power is low. This occurs when the battery capacity is at or below 30%.	Solid - MD-S is being charged in the cradle or a car charger Flashing – Device is at full charge	MD-S is either off or is currently on and has a charge between 30% and 100%.

GSM LED

LED	On	Blinking Quickly (Once every second)	Blinking Slowly (Once every 3 seconds)	Off
State	Voice connection has been established. Either inbound or outbound call was placed.	MD-S is searching for the cellular network. In this state it will store position updates and will communicate these locations when a cellular connection is established.	MD-S is connected to a cellular network (2G or 3G) and is ready to transmit.	MD-S is in-between transmitting data and does not need the cellular service.

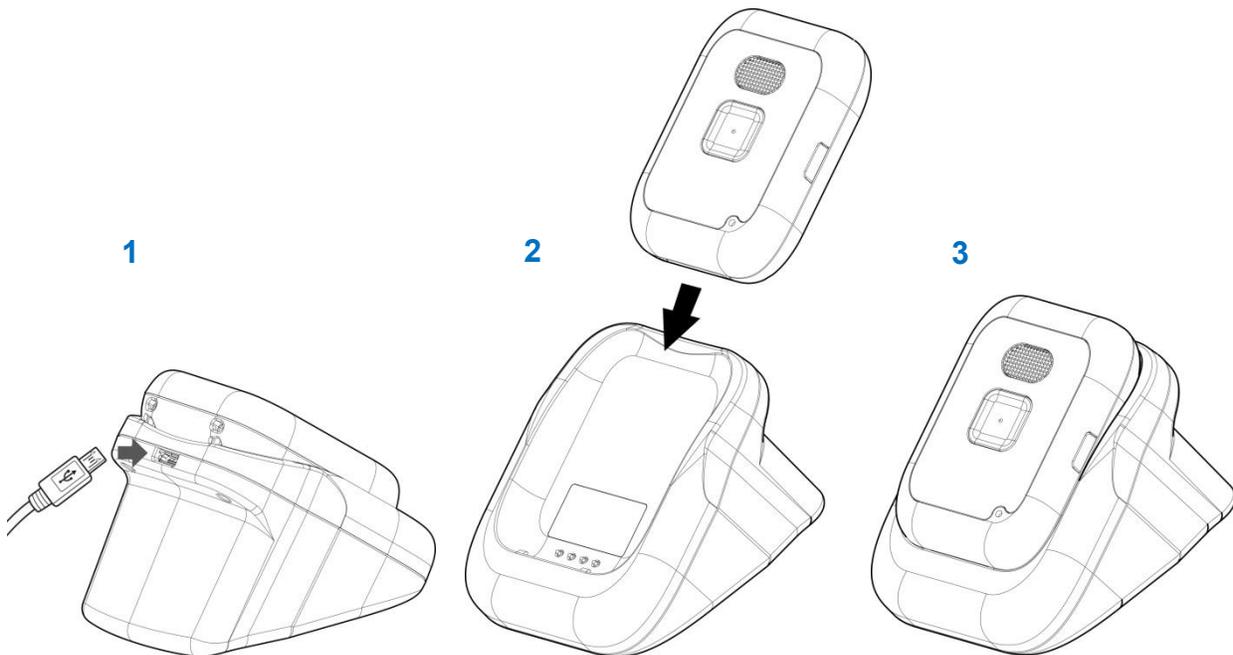
GPS LED

LED	Blinking Quickly (Once every second)	Blinking Slowly (Once every 3 seconds)	Off
State	MD-S is searching for or attempting to connect to the GPS network. In this state it may use the last known location or return a location with a larger than usual deviation.	MD-S is connected to the GPS network and has a strong signal. MD-S will receive location information from multiple satellites in this state and will result in improved accuracy.	MD-S is in-between location search and does not need this module at this time.

Bluetooth LED 

LED	Blinking Quickly (Once every second)	Blinking Slowly (Once every 3 seconds)
State	MD-S is searching for or trying to connect to or pair with an authorized Bluetooth 4.0 device.	MD-S is connected to an authorized Bluetooth 4.0 device used for mobile health and wellness.

1.3 Charging



Before First Use:

Ensure a fully charged MD-S upon receipt by docking it in the charging cradle prior to use. It may take 3 to 4 hours to ensure a full charge. The power icon will light-up in yellow when charging and the power icon will have no light when fully charged. After fully charging the MD-S, based on standard settings and usage it should last 2 full days before requiring another charge. Note: the MD-S will automatically turn on when placed in the charging cradle and when its charge reaches 10% of capacity.

Standard Settings:

- Automatic location updates every 5 minutes *when the device is in motion*,
- Automatic location updates every 60 minutes *when the device is stationary*, and
- Automatic location updates every 5 minutes *when the device is in SOS mode*.

The MD-S will experience better than expected battery life when in environments that have strong GPS coverage and areas that have reliable and good cellular coverage. This can increase battery life by as much as 24 hours to a total of 3 days. Similarly, the MD-S will have lower than expected battery life when in environments with either poor GPS coverage and / or poor cellular coverage. This can reduce battery life to 24 hours per charge.

1.4 Power



Right Side

Power On: In order to turn the MD-S “on”, press and hold the power button for 3 seconds. The MD-S will vibrate upon startup. Within 3 seconds of turning it on the Power LED light will flash red and then within 10 seconds of turning it the GPS and Cellular LED lights will begin to flash which represent the MD-S trying to connect to the GPS and cellular networks. If Contacts are setup to receive power on events, then an email or text message or both will be sent to the designated contacts as soon as the MD-S connects to the GPS network, receives a new location and then connects to the cellular network. If GPS connections are unavailable, it may use the last known location in this notification. Ask your service provider for assistance with setting up

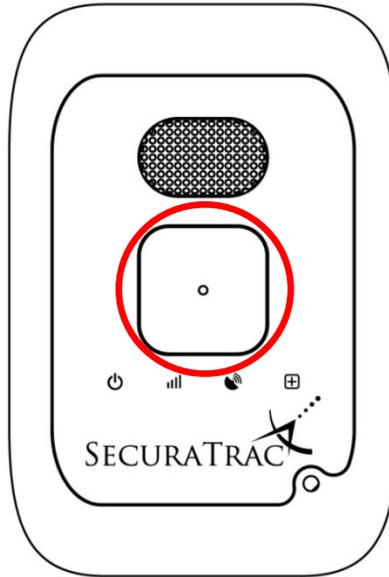
power on events as needed.

Power Off: In order to turn the device “off”, press and hold the power button for 3 seconds. The MD-S will vibrate upon shutdown. Within 3 seconds of turning it off the Power LED light will flash red and then within 10 seconds of turning it off the GPS and Cellular LED lights will begin to flash which represent the MD-S trying to connect to the GPS and cellular networks prior to shutdown in order to update the last known location. In addition, if Contacts are setup to receive power off events, then an email or text message or both will be sent to the designated contacts as soon as the MD-S updates its location and then connects to the cellular network. If GPS connections are unavailable, it may use the last known location in this notification. Ask your service provider for assistance with setting up power off events as needed. When all lights are no longer flashing, the MD-S will have shutdown.

Disabling the Power Button: The MD-S 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 MD-S 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 MD-S on the charging cradle will recharge the device in approximately 2 to 3 hours. When the MD-S 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.

1.5 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 MD-S vibrate (this is a default setting that can be customized). At that point the MD-S 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 MD-S (ask your service provider for assistance as needed).

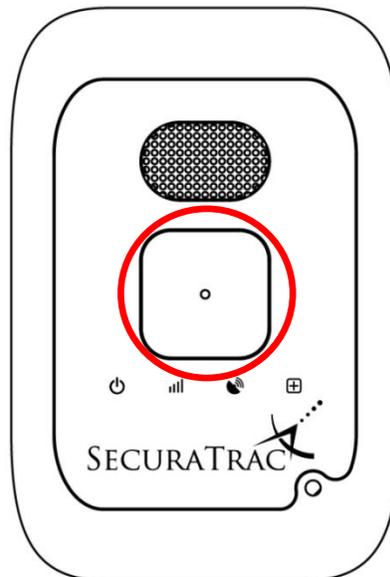
Setup Multiple SOS Numbers: Up to 4 SOS numbers can be set and called in rotation so that the first is called and, if there is no answer after 4 rings or an answering machine picks-up, the second number will be called. This follows until the fourth number is called and then begins again with the first. This call rotation will be followed until there is an answer or until the time-out 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 MD-S. Ask your service provider to adjust the volume as needed. Note: the MD-S may be sensitive to distortion or feedback from other nearby electronics such as mobile phones, car radios and other electromagnetic producing devices.

Note: *In order for the emergency calls to be directed to the correct person or 24/7/365 Monitoring Center, please ensure that the contact information is properly set in the SecuraTrac portal. Ask your service provider for assistance as needed.*

1.6 Answering Inbound Calls

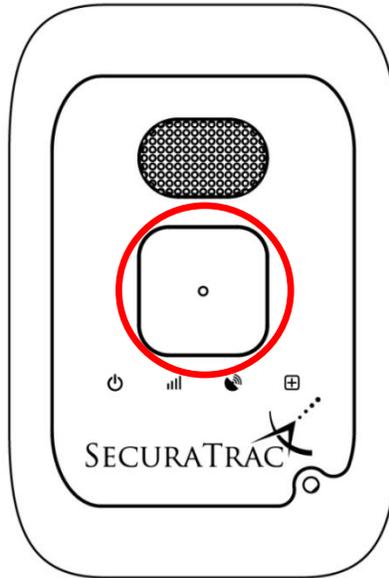


By default the MD-S can be called from any phone and any phone number. When the MD-S is called, the device will ring and vibrate (set by default) and this can be set to only ring, only vibrate or to be placed on silent mode. When a call is received, simply push the SOS button and begin speaking using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

Enable Auto Answer: The MD-S 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.

1.7 Ending Calls



By default the MD-S allows you to end a call by simply pushing the SOS button. This will disconnect the call immediately.

Disabling the Hang-up Feature: The MD-S 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.

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