

Slap “N” Track Mini Instructions

1. **Charging:** make sure to charge your battery for at least 12 hours prior to its first use. Charging normally takes between 6-8 hours. The red LED on the power supply will turn dim green once your battery is fully charged.
2. Plug the enclosed charger into the charging port of the Slap “N” Track. **DO NOT USE ANY OTHER CHARGER AS IT WILL DAMAGE THE UNIT.**



3. Once the Slap “N” Track Mini is fully charged (red LED on charger turns dim green) push the rubber weatherproof cap all the way into the charging port. This will ensure that moisture and dirt will not get into the charging port.



4. The Slap “N” Track Mini has no on or off buttons. It automatically turns on when it detects the slightest vibration. It automatically turns off when it is completely still. For storing when not in use it is recommended to place it on a surface that does not get moved nor has any kind of vibration. A desk drawer or any surface that gets bumped would cause it to turn on and off periodically which would eventually drain the battery. Prior to use make sure that the battery level is sufficient for your application.

Theory of operation

The Slap “N” Track Mini is designed to provide long operating duration based on battery size and reporting algorithm.

When the unit initially senses vibration it wakes up from deep sleep and turns on its 3G modem and GPS receiver. It waits for 10 seconds to see if the motion is continuous or if it was a momentary event (someone bumping in to a car or opening the door but not driving). If there is no movement after the 10 seconds it will time out and send a “Stopped Moving” event within 1 minute.

2016/07/18 09:01:34 AM	Stopped Moving	GPS Fix	7845 Flint Rd SE Calgary AB T2H 1G3 CA
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If motion continues after the initial movement it will go into its tracking sequence and send its location called “Scheduled Report” every 15 seconds when turning more than 45 degrees left or right and every 30 seconds when travelling in a straight line.

2016/07/18 09:44:45 AM	Scheduled Report	GPS Fix	7855 Flint Rd SE Calgary AB T2H 1G3 CA
2016/07/18 09:45:01 AM	Scheduled Report	GPS Fix	7855 Flint Rd SE Calgary AB T2H 1G3 CA
2016/07/18 09:45:17 AM	Scheduled Report	GPS Fix	7800 Flint Rd SE Calgary AB T2H CA
2016/07/18 09:45:43 AM	Scheduled Report	GPS Fix	7800 Flint Rd SE Calgary AB T2H CA
2016/07/18 09:46:12 AM	Scheduled Report	GPS Fix	Flint Rd SE Calgary AB T2H CA
2016/07/18 09:46:42 AM	Scheduled Report	GPS Fix	8535 Bonaventure Dr SE Calgary AB T2H 1N6 CA
2016/07/18 09:47:06 AM	Scheduled Report	GPS Fix	8819 Bonaventure Dr SE Calgary AB T2H 2Z5 CA

If motion stops the unit will continue to send its location for an additional 2 minutes to ensure that its last position is reported. Once the 2 minutes has elapsed and no motion is detected the unit will send a “Stopped Moving” event to indicate that the unit has stopped. The unit will now hibernate to preserve battery life. Should there be any motion during this time the unit will resume tracking and send its “Scheduled Reports”.

2016/07/18 10:06:34 AM	Scheduled Report	GPS Fix	205 Queensland Gate SE Calgary AB T2J 3R7 CA	21
2016/07/18 10:06:58 AM	Scheduled Report	GPS Fix	403 Queensland Rd SE Calgary AB T2J 3S5 CA	20
2016/07/18 10:07:27 AM	Scheduled Report	GPS Fix	436 Queensland Rd SE Calgary AB T2J 4G9 CA	0
2016/07/18 10:07:57 AM	Scheduled Report	GPS Fix	436 Queensland Rd SE Calgary AB T2J 4G9 CA	0
2016/07/18 10:08:27 AM	Scheduled Report	GPS Fix	436 Queensland Rd SE Calgary AB T2J 4G9 CA	0
2016/07/18 10:08:57 AM	Scheduled Report	GPS Fix	436 Queensland Rd SE Calgary AB T2J 4G9 CA	0
2016/07/18 10:09:27 AM	Scheduled Report	GPS Fix	436 Queensland Rd SE Calgary AB T2J 4G9 CA	0
2016/07/18 10:09:46 AM	Stopped Moving	GPS Fix	436 Queensland Rd SE Calgary AB T2J 4G9 CA	0

When the unit detects continuous movement it will wake up and send a “Started Moving” event. There are occasions that the unit will not initially acquire a GPS fix and will not send this event however it will send the “Scheduled Reports” immediately afterwards. This is normal.

Once the unit has stopped moving and is hibernating it will wake up automatically every 24 hours at 11:00 PM est and will send a “Heartbeat”.

2016/07/18 08:58:34 PM	Heartbeat	GPS Fix
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When viewing the unit on the platform the information can be seen in the bottom left hand side in the “Information Box”.

The screenshot shows the 'Information Box' for a tracking unit. The unit icon is a yellow circle with a black foxtail. The unit ID is 1363003653. The data points are: Last Event Reported: Event: Scheduled Report; Speed: 0 mph; Heading: SOUTH EAST; Time: 2016/07/25 04:00:15 PM; Address/Landmark: 201 Portage Pkwy, Concord, ON, CA - L4K 4R6; Position Status: Current; Odometer: N/A; Battery: 43%; GPS Satellites: 6; Cellular Signal: 4 bars. Red arrows point from text labels on the left and right to these data points. On the right, a legend explains the unit icon colors: Yellow moving below 3 mp/h, Green moving above 3mp/h, No foxtail stopped.

Last Event Reported	Event: Scheduled Report	Unit Icon with foxtail
Speed	Speed: 0 mph	Yellow moving below 3 mp/h
Time	Time: 2016/07/25 04:00:15 PM	Green moving above 3mp/h
Address or Landmark	Address/Landmark: 201 Portage Pkwy, Concord, ON, CA - L4K 4R6	No foxtail stopped
Position Status	Position Status: Current	
Current-GPS Fix	GPS Satellites: 6	
Last Know- no GPS Fix		
Number of GPS Satellites in View		
	Heading: SOUTH EAST	Heading
	Lat/Long: [icon] More Info: [icon]	Lat/Long & Info
	Odometer: N/A	Odometer
	Battery: 43 %	Battery level
	Cellular Signal: [icon]	Cellular Signal

BATTERY LEVEL

The Slap”N”Track uses a high capacity Li-Poly 6 Amp rechargeable 3.7V battery.

When fully charged the battery will display 100%, when the battery is at 5%-10% there is about 1-2 days left and should be charged right away.

***The battery level displayed on the platform only updates when the Slap “N” Track Mini is on. It is important to know that when charging the Slap “N” Track Mini the battery level on the platform will not change till the Slap “N” Track Mini is moved and starts reporting it updated position.

Approximate battery life:

Sleep 3 months or Continuous Tracking 60 hours

e.g If your Slap”N”Track travels 4 hours per day you should expect approximately 1-2 weeks of life.

If your Slap”N”Track travels 1 hours per day you should expect approximately 2 months of life.