

## Installation & User Manual



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## **Introduction:**

### **Unpacking and Inspection:**

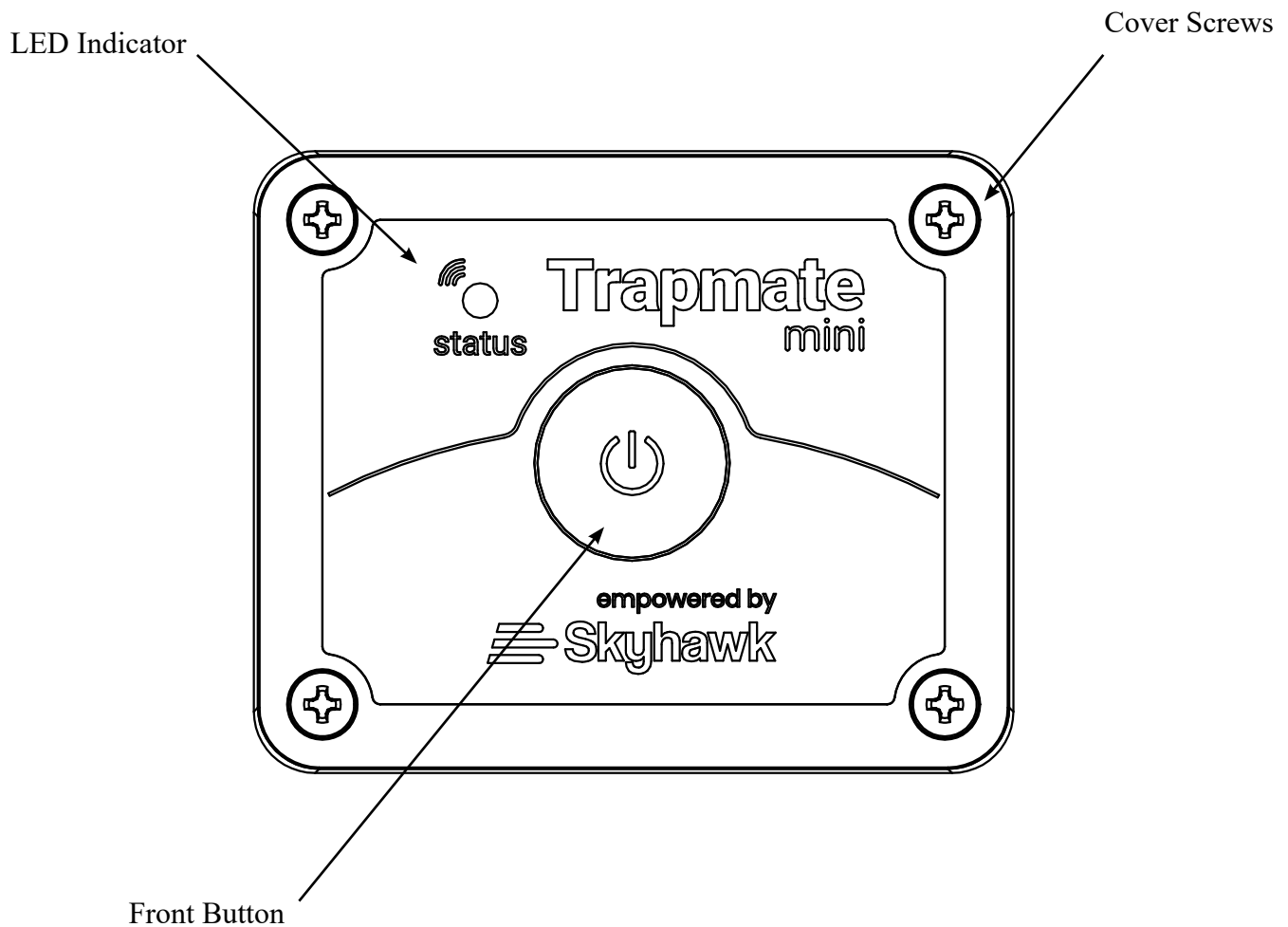
Before you begin installation, unpack and verify you have all the correct parts.

- (1) Skyhawk Trapmate Mini
- (2) AA Lithium Batteries
- (2) Sets of 3M Dual-Lock Strips
- (4) Self-Stick Mounting Magnets
- (4) Self-Stick Rubber Mounting Feet
- (1) Lanyard
- (1) Warranty card

If you are missing any of these parts STOP and request a replacement on [sky-hawk.com/warranty](http://sky-hawk.com/warranty).

## Skyhawk Trapmate Mini Layout Summary:

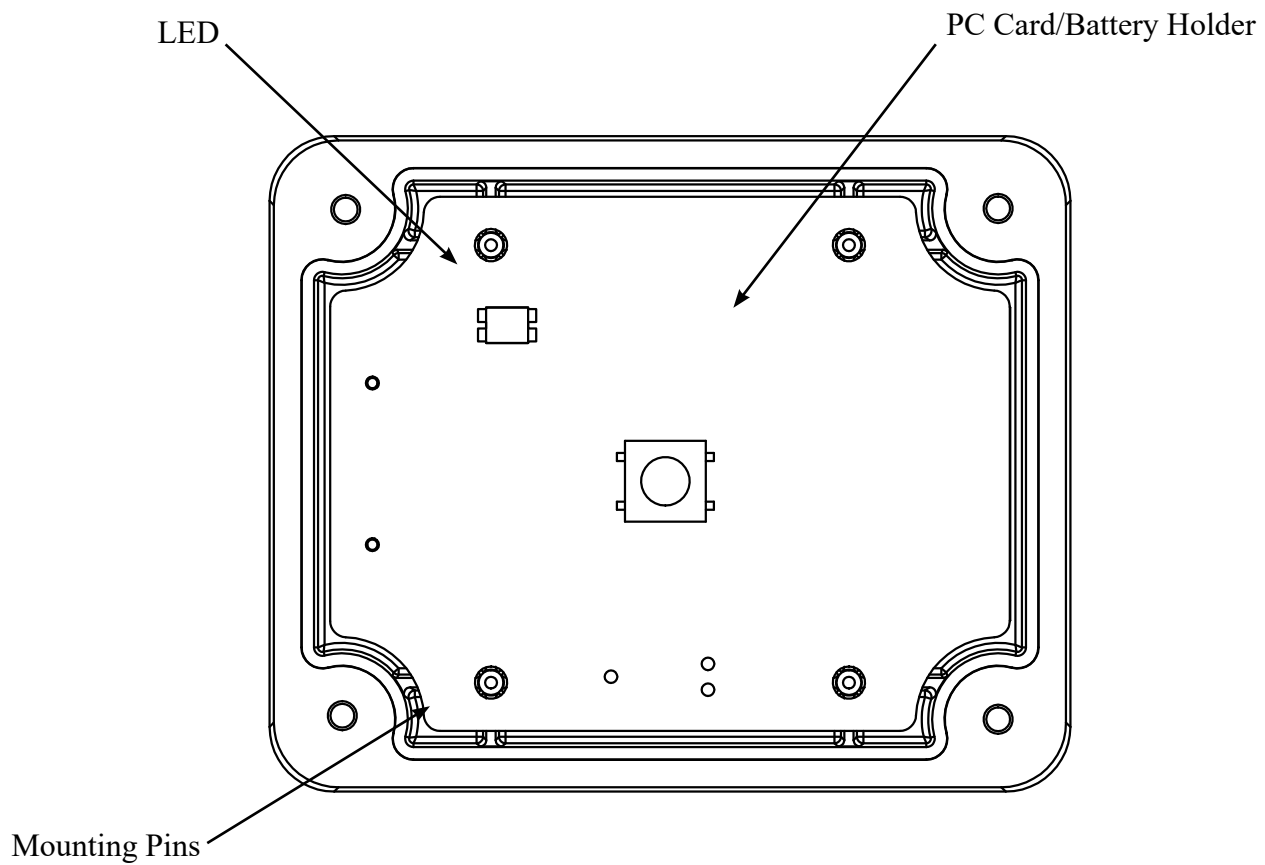
### Front of Unit



**LED Indicator** - This multicolored LED indicator will indicate when the Skyhawk Trapmate Mini is booting, has a low battery or is transmitting an alert. More details on the indicators colors can be found on page 14.

**Front Button** - This multi-use button can be used for various functions. See pages 8 and 9 for more details.

**Front of Unit (with cover removed)**



**Battery Holder** - The battery holder accommodates 2 x AA Batteries. It is suggested that 1.5 volt lithium batteries are used for extended life.

## Skyhawk Trapmate Mini Installation:

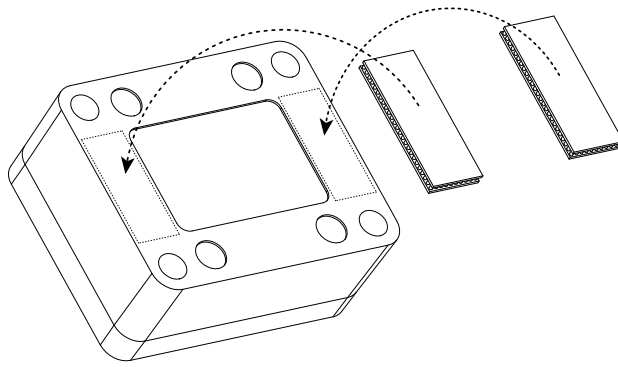
The Skyhawk Trapmate Mini can be installed using three main methods that include using the supplied 3M dual-lock strips, using the self-stick magnets to attach to a magnetic surface, or by using rubber feet.

### *Method 1* : 3M Dual-Lock Strips

**Step 1:** In the accessory kit locate the two sets of 3M dual-lock strips. Keep these strips together and do not separate them at this time!

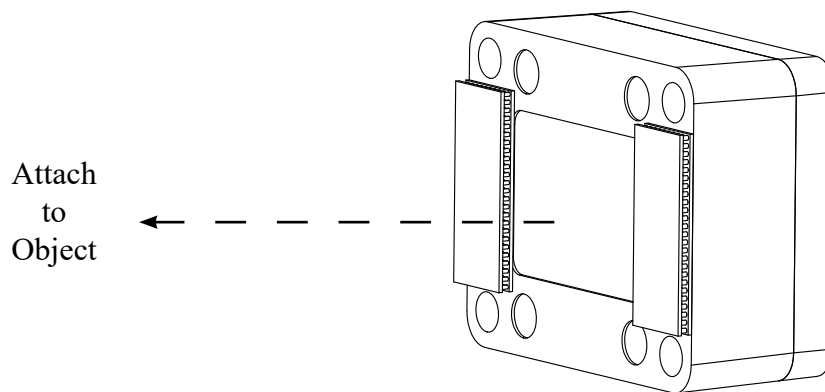
**Step 2:** Clean the rear surface of the Skyhawk Trapmate Mini for proper bonding of the strips.

**Step 3:** Peel one side only of each set of strips to expose the adhesive and affix to the rear of the unit.



**Step 4:** Make sure the area of where the Skyhawk Trapmate Mini will be attached has a clean surface for proper bonding of the strips. Do not separate the strips from the back of the unit at this time!

**Step 5:** Peel the remaining side of each of the strips to expose the adhesive and position it on the object and press down on the whole Skyhawk Trapmate Mini unit. Do not remove the Skyhawk Trapmate Mini at this time - give the 3M dual-lock adhesive about 30-minutes to bond.



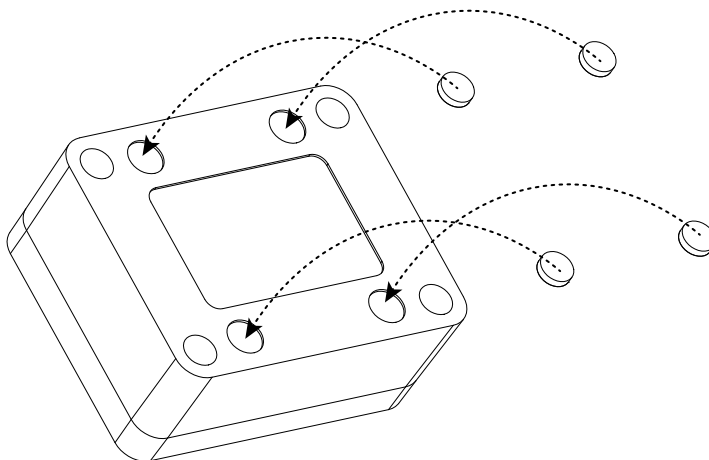
## Skyhawk Trapmate Mini Installation:

### *Method 2* : Self-Stick Mounting Magnets

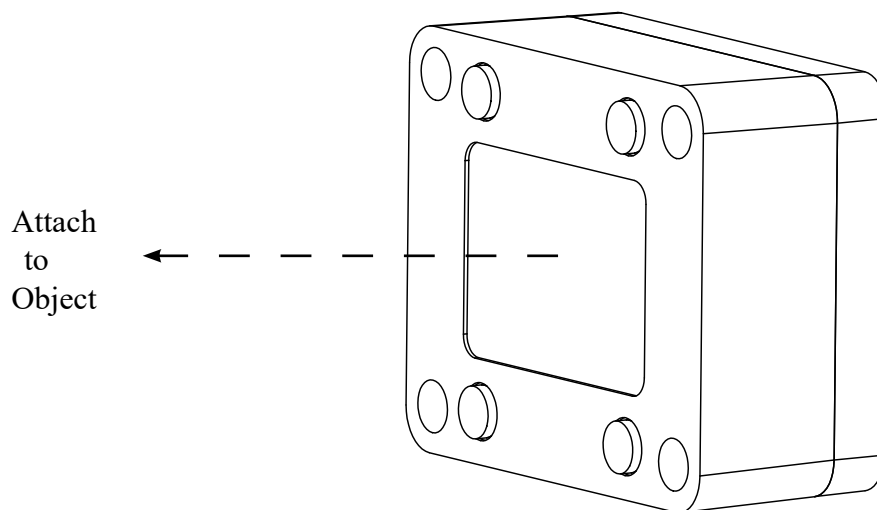
**Step 1:** In the accessory kit locate the four self-stick mounting magnets.

**Step 2:** Clean the four recessed areas on the back of the Skyhawk Trapmate Mini for proper bonding of the magnets.

**Step 3:** Peel back the paper on the rubber feet to expose the adhesive and affix them to the designated areas on the back of the unit.



**Step 4:** The Skyhawk Trapmate Mini is ready to be mounted. Make sure the area of where the Skyhawk Trapmate Mini will be attached is magnetic, and has a clean surface for proper mounting of the magnets.



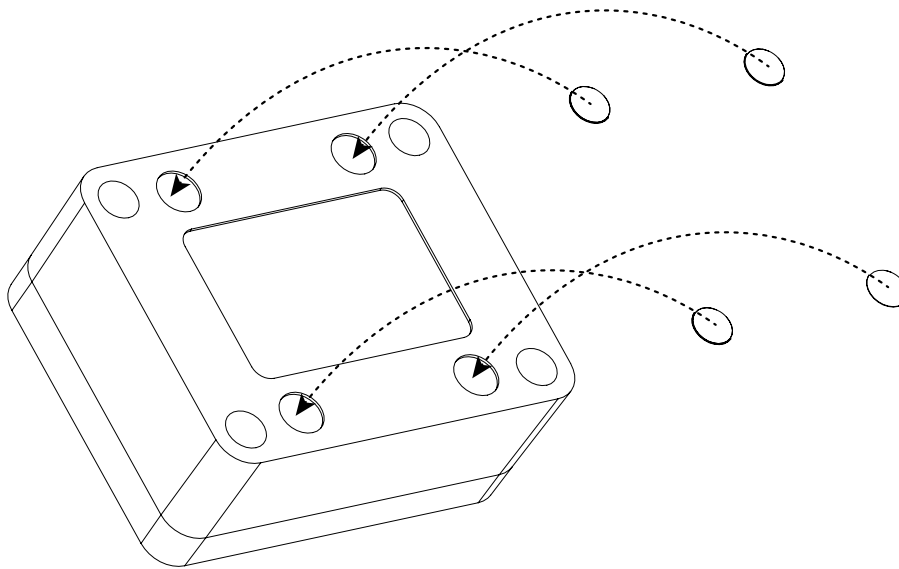
## Skyhawk Trapmate Mini Installation (continued):

### *Method 3* : Self-Stick Rubber Mounting Feet

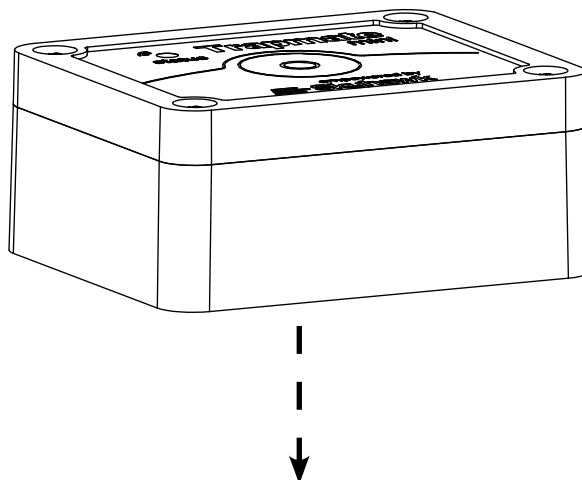
**Step 1:** In the accessory kit locate the four self-stick rubber mounting feet.

**Step 2:** Clean the four recessed areas on the back of the Skyhawk Trapmate Mini for proper bonding of the rubber feet.

**Step 3:** Peel back the paper on the rubber feet to expose the adhesive and affix them to the designated areas on the back of the unit.



**Step 4:** The Skyhawk Trapmate Mini is ready to be mounted.





## **Installation - Safety Guidelines:**

Make sure when placing the Skyhawk Trapmate Mini on an object that it is securely attached and cannot fall off and injure someone or fall onto a hard surface and damage the unit.

Make sure that when placing the Skyhawk Trapmate Mini it will not interfere with other equipment.



**Prevent Falling Hazard**

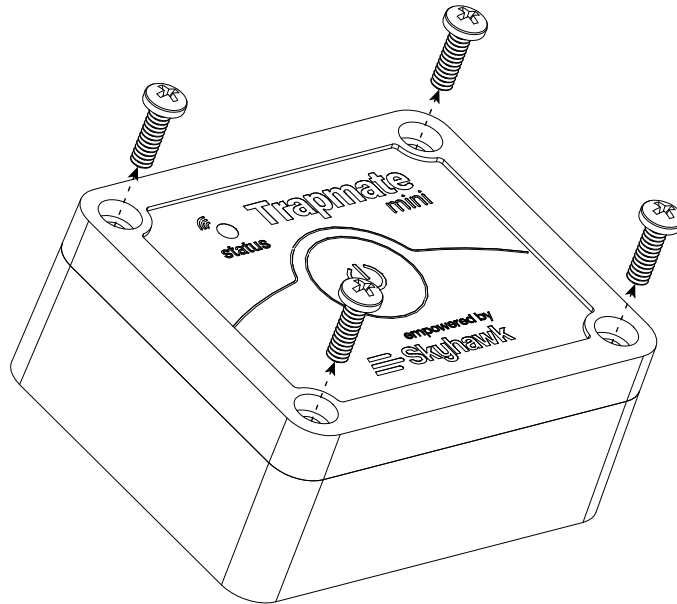


**Prevent Unit Fall Damage**

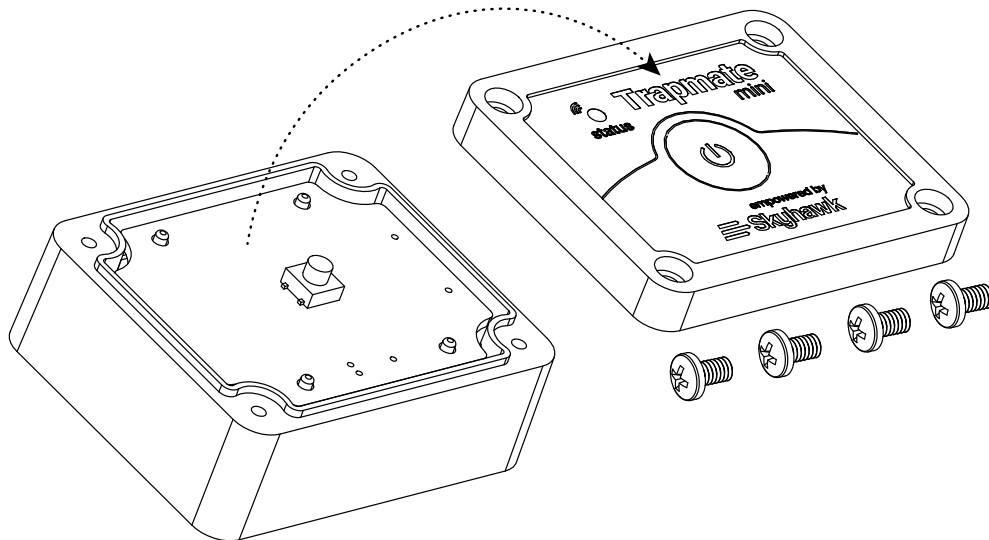
## Skyhawk Trapmate Mini Battery Replacement:

The Skyhawk Trapmate Mini comes with two AA 1.5 volt lithium batteries already installed. Depending upon use it may take several years before the batteries need to be replaced. When they are replaced it is suggested to use a high quality name brand AA lithium battery like an Energizer Advanced Lithium or Ultimate Lithium battery. Follow the instructions below to replace these batteries

**Step 1:** Remove the cover screws of the Skyhawk Trapmate Mini using a Phillips screwdriver. Make sure to turn the screws counter clock-wise.

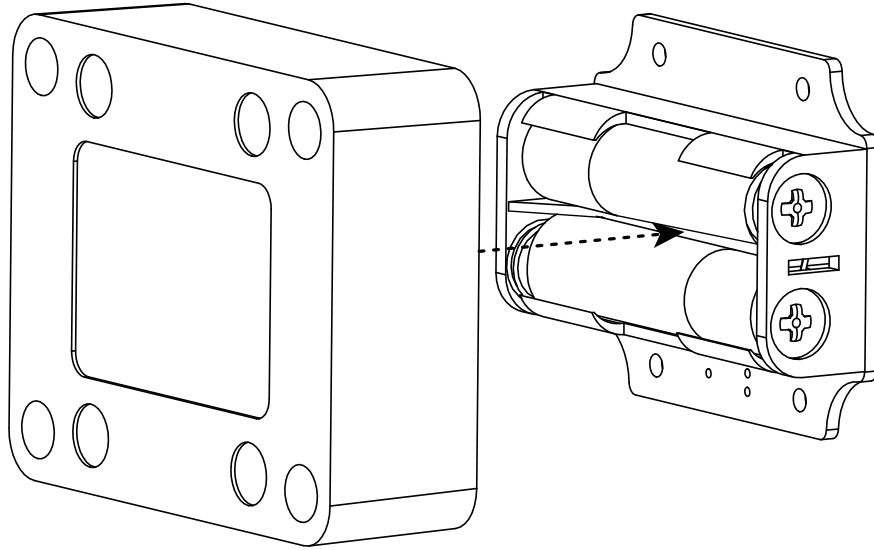


**Step 2:** Remove the front cover. There may be a gasket holding the unit together so it might take a small bit of force to separate the cover from the enclosure.

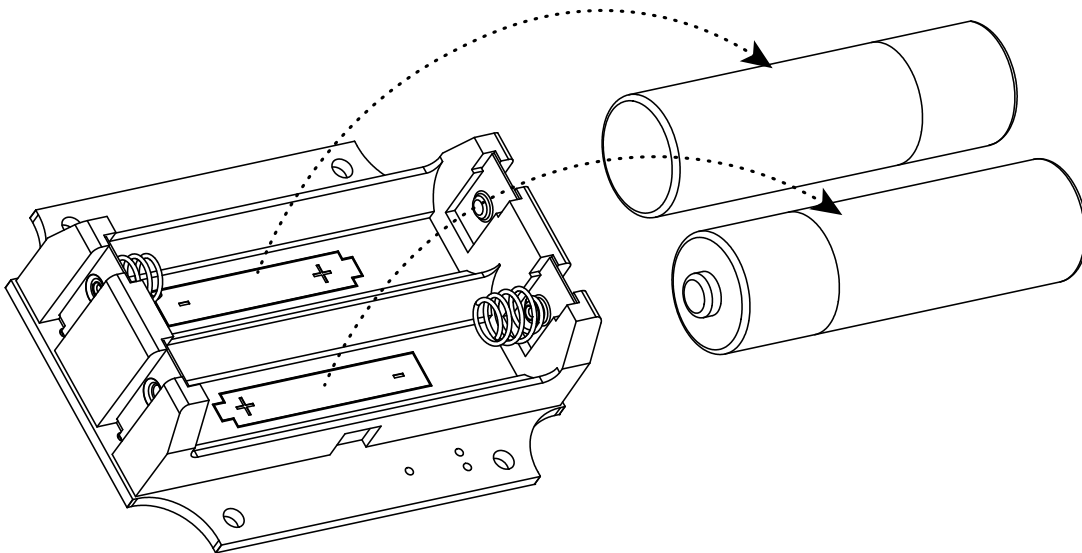


## Skyhawk Trapmate Mini Battery Replacement:

**Step 3:** Remove the PC card/Battery holder from the enclosure. This can easily be done by turning the unit over and allowing the battery holder to fall into your hand

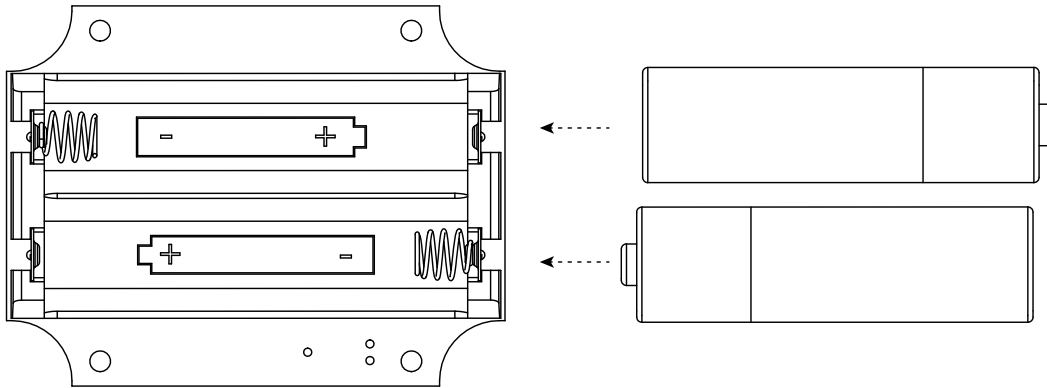


**Step 3:** Remove and dispose of the old batteries properly.

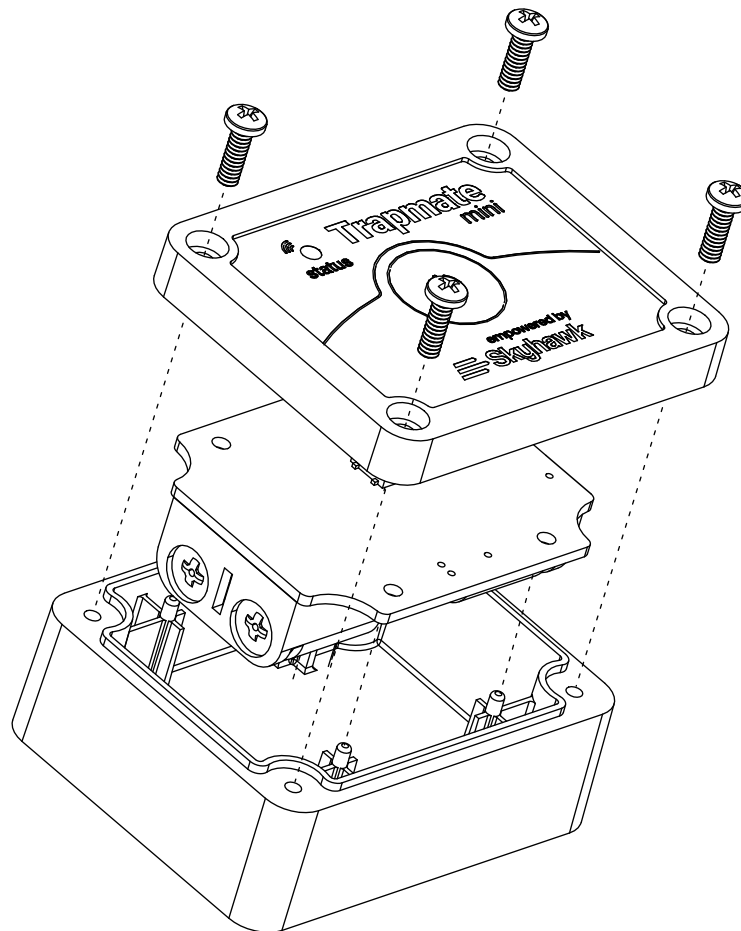


## Skyhawk Trapmate Mini Battery Replacement (continued):

**Step 4:** Insert new batteries taking note of the direction symbols.



**Step 6:** Replace PC card/battery holder by aligning holes to the mounting pins in the enclosure. Replace cover making sure to align the LED indicator on the cover to the LED on the PC Card (take note of image below for details). Replace cover screws. Turn screws clock-wise making sure not to overtighten.

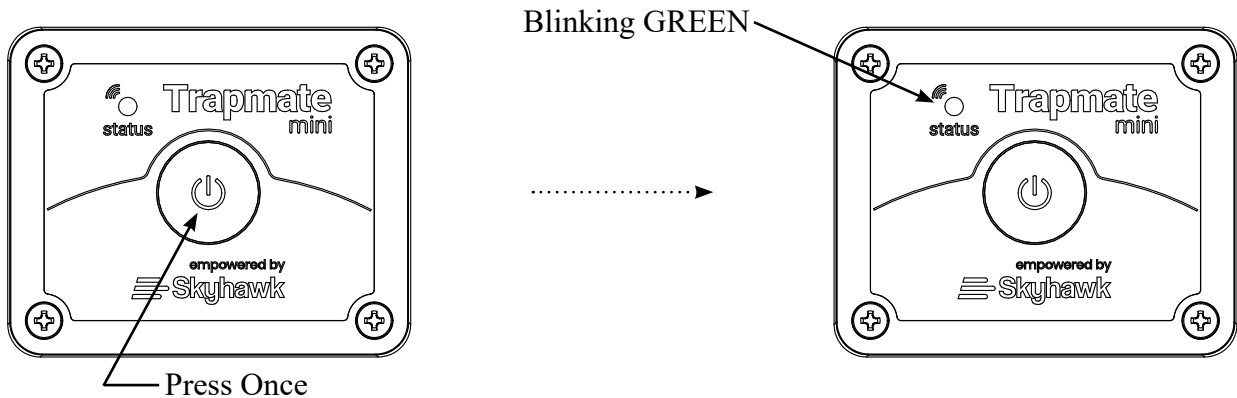


## Skyhawk Trapmate Mini Start-Up Operation:

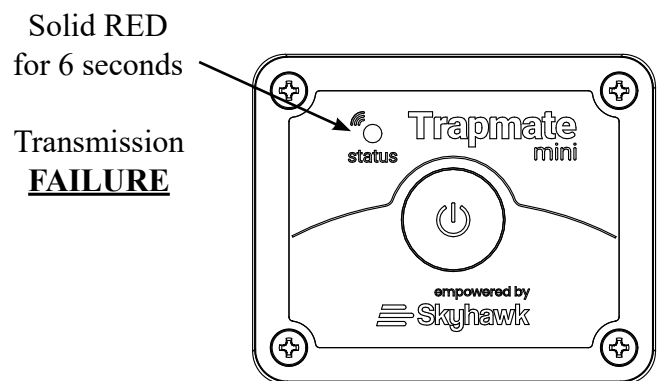
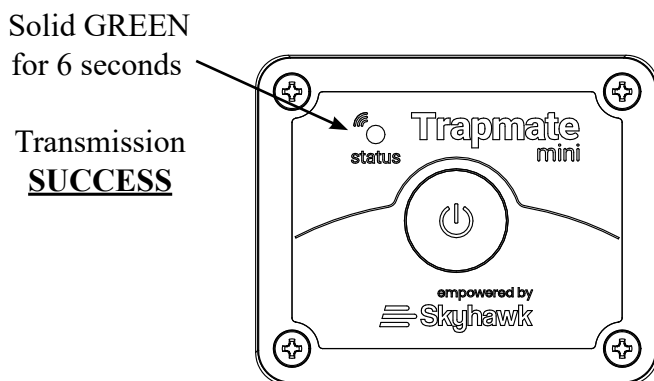
Before moving forward with the unit operation you must download the app onto your smart device and sign up for an account.

**Step 1:** Download and install the Skyhawk Trapmate Mini Commander app from the Apple or Google Play store onto your compatible smart device. Go to sky-hawk.com for more detailed information on which devices are supported.

**Step 2:** Make sure the unit is powered on by pressing the button once. Unit will initiate a power up cycle and will flash the LED during this process. This process should take about 30 seconds.



**Step 3:** After unit is powered up it will automatically send a turn ON alert to the smart device app. This initial trigger is to make sure the unit is working and to let the user know someone interacted with the unit. When sending a trigger there are two possible LED indicator colors. If the unit flashes GREEN, then that signifies the unit has transmitted the alert and the battery level is OK. If the unit flashes RED, then that signifies the unit has transmitted the alert but the battery level is getting low and should be replaced soon.



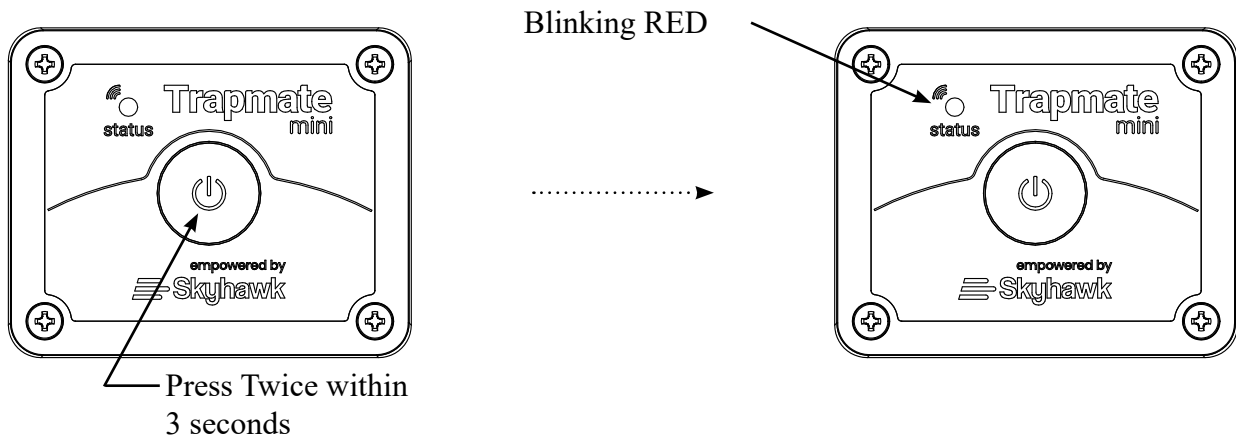
**Step 4:** The unit now automatically goes into armed mode. Whenever the unit is moved beyond the sensitivity set in the application then the unit will connect to the cellular network and send the trigger alert as outlined in the previous step.

## Skyhawk Trapmate Mini Shut-Down Operation:

When the Skyhawk Trapmate Mini is not going to be used for an extended period of time (more than a few weeks) to monitor an object then it should be powered down to conserve battery life.

**Step 1:** Remove battery cover, as shown in previous section (pages 10 & 11).

**Step 2:** During the power down process (while the LED is blinking RED) the unit will send an alert to make sure that the registered owner of the device is notified the Skyhawk Trapmate Mini is going off-line.

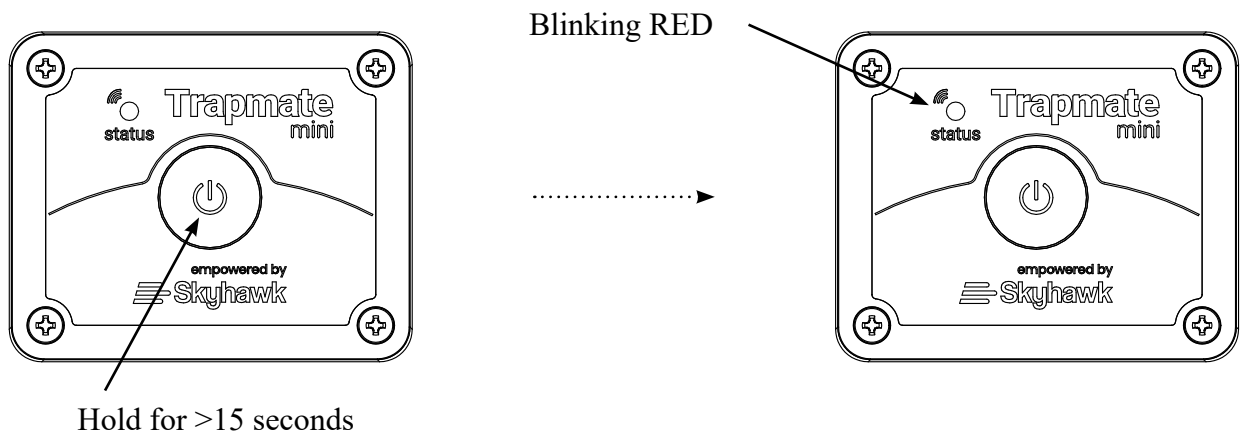


## Skyhawk Trapmate Mini Reset Operation:

The Skyhawk Trapmate Mini has the ability to have the unit reset back to default settings.

**Step 1:** Press and HOLD the button for more than 15 seconds

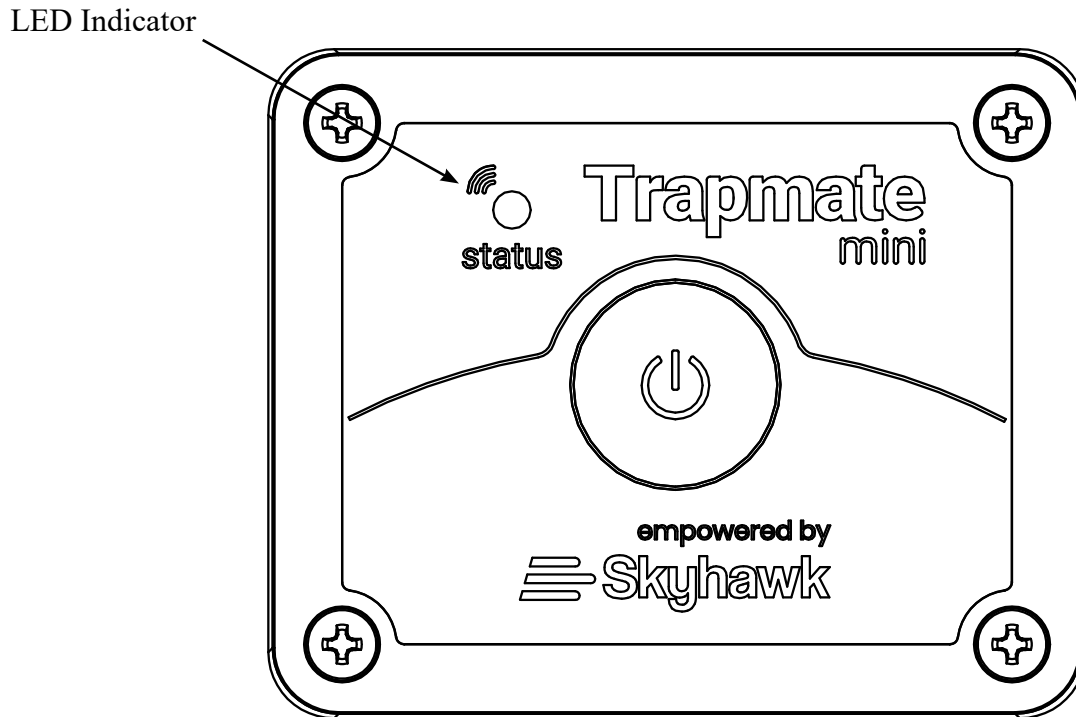
**Step 2:** The LED will begin to rapidly blink RED (for about 5 seconds) while the reset is being performed.



## Skyhawk Trapmate Mini LED Indicators:

The Skyhawk Trapmate Mini is equipped with a multi-color LED indicator for feedback status to the user.

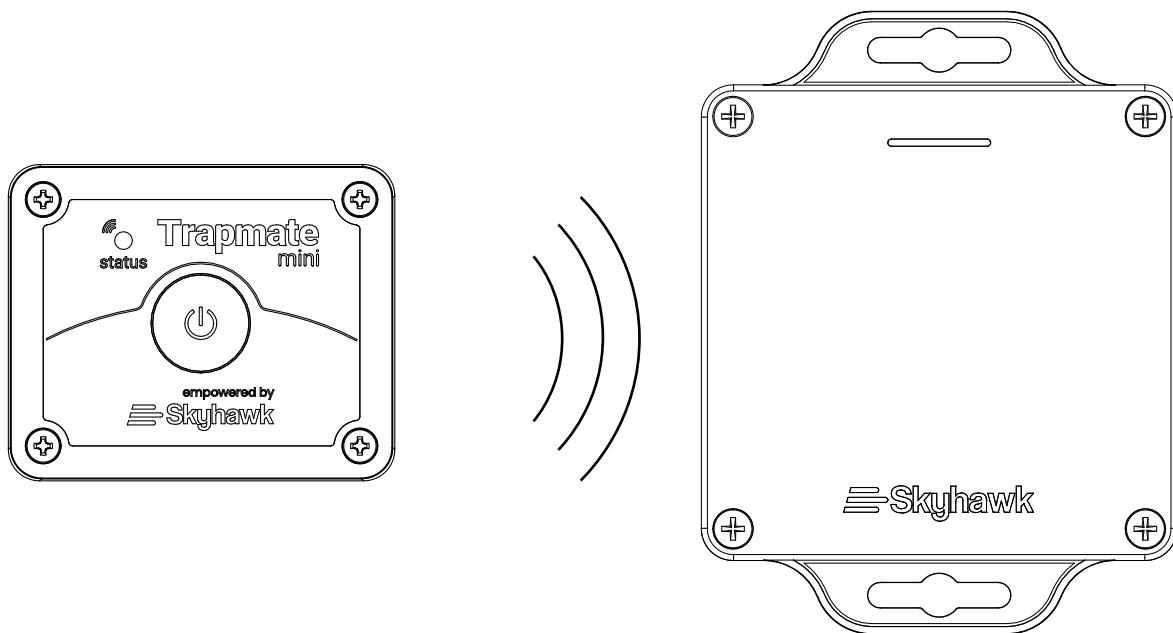
Below is a chart of the status indicators:



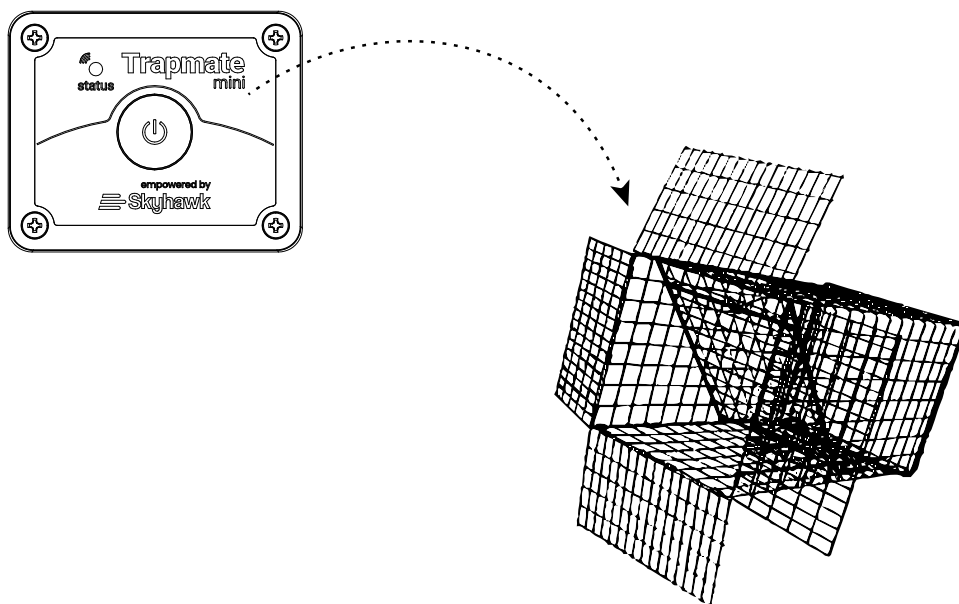
Power Up (and LED TEST)-----	> Cycle through GREEN-RED-BLUE (1 per second)
Power Down -----	> Slow RED blink (1 per second) for 5 seconds
Trigger and Transmit w/Good Battery -----	> Fast GREEN blinking (1/4 per second) for 5 seconds
Trigger and Transmit w/Low Battery -----	> Fast RED blinking (1/4 per second) for 5 seconds
Reset -----	> Slow RED blinking (1 per second) for 5 seconds

## Skyhawk Trapmate Mini Operation:

In order to receive alerts from your Skyhawk Trapmate Mini device, it must be used in conjunction with your Skyhawk Trapmate Mini Hub (sold separately). See the Skyhawk Trapmate Mini Hub user manual for additional information on connecting your devices.



Once the Skyhawk Trapmate Mini has been connected to your Skyhawk Hub, and has been activated via your Skyhawk Commander app on your smartphone, it is ready for monitoring. Following the mounting instructions given on pages 6-8, determine which method is best for your application, then mount the Skyhawk Trapmate Mini in an accessible area on the trap you wish to monitor.





# **IMPORTANT SAFETY INFORMATION**

## **USE RESTRICTIONS AND NOTICES FOR SKYHAWK TRAPMATE MINI**

### **SAFETY AND USE RESTRICTIONS**

#### **DO NOT USE SKYHAWK TRAPMATE MINI :**

- **IN PLACE OF A LIFE SAFETY DEVICE.**
- **FOR MEDICAL MONITORING.**
- **IN A MANNER THAT VIOLATES ANY FEDERAL, STATE, LOCAL, ADMINISTRATIVE OR OTHER LAW, REGULATION, OR ORDINANCE, INCLUDING BUT NOT LIMITED TO GOVERNANCE OF CRIMINAL OR ILLEGAL ACTIVITY, DATA PRIVACY AND SECURITY, HEALTH AND SAFETY, ANIMAL WELFARE AND/OR WILDLIFE TRAPPING.**

**DO NOT ATTACH SKYHAWK TRAPMATE MINI DIRECTLY TO A LIFE SAFETY OR MEDICAL MONITORING DEVICE.**

**DO NOT PLACE OR POSITION SKYHAWK TRAPMATE MINI WHERE IT COULD INTERFERE WITH SAFE OPERATION AND FUNCTIONALITY OF LIFE SAFETY, MEDICAL MONITORING OR OTHER EQUIPMENT.**

#### **BATTERIES:**

The Skyhawk Trapmate Mini uses hermetically sealed lithium iron disulfide batteries. Under normal conditions of use, lithium iron disulfide batteries are non-toxic and are not hazardous waste per the United States Resource Conservation and Recovery Act (RCRA) - 40 CFR Part 261 Subpart C. Dispose of in accordance with all applicable federal, state and local regulations.

**WARNING: BATTERIES CAN EXPLODE OR LEAK AND CAUSE BURNS IF INSTALLED BACKWARDS, DISASSEMBLED, CHARGED, OR EXPOSED TO WATER, FIRE OR HIGH TEMPERATURE. EXPOSURE TO THE INGREDIENTS CONTAINED WITHIN OR THEIR COMBUSTION PRODUCTS COULD BE HARMFUL.**

#### **IMPORTANT NOTICE:**

The Skyhawk Trapmate Mini uses a 3rd-party Wireless Service which uses radio technologies and is subject to transmission and service area limitations, which may include interruptions and dropped connections caused by atmospheric, topographical or environmental conditions, cell site availability, cellular network equipment or its installation, governmental regulations, system limitations, maintenance or other conditions or activities affecting the operation of the Wireless Service. The Wireless Service and/or features may not be available in all areas. For more information, visit [www.sky-hawk.com](http://www.sky-hawk.com).

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## **FCC AND COMPLIANCE**

**RADIO AND TELEVISION INTERFERENCE:** This equipment has been tested and found to comply with the limits, 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 the 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 may also find helpful the following booklet, prepared by the FCC: "How to Identify and Resolve Radio-TV Interference Problems." This booklet is available from the U.S. Government Printing Office, Washington D.C. 20402.

Changes and Modifications not expressly approved by the manufacturer or registrant of this equipment can void your authority to operate this equipment under Federal Communications Commissions rules.

**IC ES 003 :** This Class B digital apparatus complies with Canadian ICES-003 C et appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

## LIMITED WARRANTY ON Skyhawk TRAPMATE MINI

THIS LIMITED WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS AND YOU MAY ALSO HAVE OTHER RIGHTS, WHICH VARY BY STATE, PROVINCE, OR JURISDICTION. THE LIMITED WARRANTY CAN ALSO BE FOUND ONLINE AT [WWW.SKY-HAWK.COM/WARRANTY](http://WWW.SKY-HAWK.COM/WARRANTY) AND IN THE DOCUMENTATION WE PROVIDE WITH THE PRODUCT. WE WARRANT THAT DURING THE WARRANTY PERIOD, THE PRODUCT WILL BE FREE FROM DEFECTS IN MATERIALS AND WORKMANSHIP. WE LIMIT THE DURATION AND REMEDIES OF ALL IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE TO THE DURATION OF THIS EXPRESS LIMITED WARRANTY. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU. OUR RESPONSIBILITY FOR DEFECTIVE GOODS IS LIMITED TO REPAIR OR REPLACEMENT AS DESCRIBED BELOW IN THIS WARRANTY STATEMENT.

### WHO MAY USE THIS WARRANTY?

Pica Product Development, LLC located at address 4 Ash Street Extension, Derry, NH 03038 (“we”/ “our”) extend this limited warranty only to the consumer who originally purchased the Product (“you”/ “your”). It does not extend to any subsequent owner or other transferee of the Product.

### WHAT DOES THIS WARRANTY COVER?

This limited warranty covers defects in materials and workmanship of the Skyhawk Trapmate Mini (the “Product”) for the Warranty Period as defined below.

### WHAT DOES THIS WARRANTY NOT COVER?

This limited warranty does not cover any damage due to: (a) transportation; (b) storage; (c) improper use; (d) failure to follow the Product instructions or to perform any preventive maintenance; (e) modifications; (f) unauthorized repair; (g) normal wear and tear; or (h) external causes such as accidents, abuse, or other actions or events beyond our reasonable control. IN THE EVENT THAT THE PRODUCT SERIAL NUMBER IS MISSING OR HAS BEEN ALTERED IN ANY WAY, THIS LIMITED WARRANTY IS VOID AND WITHOUT EFFECT AND PICA PRODUCT DEVELOPMENT, LLC SHALL HAVE NO LIABILITY WHATSOEVER FOR DEFECTS OF SUCH PRODUCT.

### WHAT IS THE PERIOD OF COVERAGE?

This limited warranty starts on the date of your purchase and lasts for ONE (1) YEAR, or as long as the product is owned by the original purchase, whichever time period first occurs (the “Warranty Period”). The Warranty Period is not extended if we repair or replace the Product. We may change the availability of this limited warranty at our discretion, but any changes will not be retroactive.

### WHAT ARE YOUR REMEDIES UNDER THIS WARRANTY?

With respect to any defective Product during the Warranty Period, we will, in our sole discretion repair or replace such Product (or the defective part) free of charge. We will also pay for shipping and handling fees to return the repaired or replacement Product to you.

### HOW DO YOU OBTAIN WARRANTY SERVICE?

To obtain warranty service, you must call 1-800-XXX-XXXX or E-mail our Customer Service Department at XXXXXXXX or provide written notice to PICA Product Development, LLC of any defective part or conditions during the Warranty Period to obtain a Return Merchandise Authorization (“RMA”) number. No warranty service will be provided without an RMA number. You may, at our discretion, be required to return the Product or provide other proof of defect. When required to return the Product, you will be provided with shipping instructions and proof of purchase must accompany shipment. You are responsible for all shipping and handling charges in connection with performance of this limited warranty. For additional RMA process details go to [www.sky-hawk.com/warranty](http://www.sky-hawk.com/warranty).

### LIMITATION OF LIABILITY

THE REMEDIES DESCRIBED ABOVE ARE YOUR SOLE AND EXCLUSIVE REMEDIES AND OUR ENTIRE LIABILITY FOR ANY BREACH OF THIS LIMITED WARRANTY. OUR LIABILITY SHALL UNDER NO CIRCUMSTANCES EXCEED THE ACTUAL AMOUNT PAID BY YOU FOR THE DEFECTIVE PRODUCT, NOR SHALL WE UNDER ANY CIRCUMSTANCES BE LIABLE FOR ANY CONSEQUENTIAL, INCIDENTAL, SPECIAL OR PUNITIVE DAMAGES OR LOSSES TO ANY PERSON OR PROPERTY ARISING OUT OF THE USE OR INABILITY TO USE THE PRODUCT INCLUDING, BUT NOT LIMITED TO, PERSONAL INJURY, WRONGFUL DEATH, PROPERTY DAMAGE, LOSS OF DATA, LOSS OF REVENUE OR PROFITS, BUSINESS INJURY, WRONGFUL DEATH, PROPERTY DAMAGE, LOSS OF DATA, LOSS OF REVENUE OR PROFITS, BUSINESS INTERRUPTION OR ANY OTHER DIRECT OR INDIRECT DAMAGES, EVEN IF PICA PRODUCT DEVELOPMENT, LLC HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.

THE TERMS OF THIS LIMITED WARRANTY WILL APPLY TO THE EXTENT PERMITTED BY APPLICABLE LAW. FOR A FULL DESCRIPTION OF YOUR LEGAL RIGHTS YOU SHOULD REFER TO THE LAWS APPLICABLE IN YOUR JURISDICTION.

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Derry, NH 03038

[sky-hawk.com](http://sky-hawk.com)

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