

## **pi-lit® Sequential Safety Flare – Quick Start Guide**

**IMPORTANT: A TAP is a momentary press; a hold is a 3-second press!**



- **Battery Status**
  - When Flare is OFF, press for 3 seconds the square  $\pi$  ( $\pi$ ) button.
  - A yellow/green LED will begin to flash
    - 5 yellow = full batteries, 4 yellow = good batteries, 3 yellow, 2 red = low batteries, 1 red = batteries depleted (time to change batteries)
- **Turning on Flares – Rapid Deployment System (RDS) – Simply pull off case! (Rechargeable only)**  
**OR,**
  - Briefly TAP either button.
    - Yellow/Green LED will illuminate indicating that the flare is turning on.
    - First flare takes approximately 3 seconds to turn on
    - The remaining flares will take approximately 1 sec to turn on
  - **IMPORTANT: wait until the flare begins to flash before turning on or pulling off the next flare in line.**
- **Tilt Sensor – Choice of LEDs – Locking Orientation of LEDs**
  - There are 16 LEDs on the SIDE of the flare and 4 LEDs on the TOP.
  - The flare has a tilt sensor: When placed flat on a surface the side LEDs flash. When magnetically attached to a vehicle, vertical panel, or when on its edge, the “top” LEDs will flash.
  - To disable the tilt sensor, simply TAP the square  $\pi$  ( $\pi$ ) button while the flare is operating. This will send the command to all the flares to “lock” on the 4 TOP LEDs even if it is in the HORIZONTAL position. TAP the square  $\pi$  ( $\pi$ ) button again and the 16 side LEDs will be locked on (irrespective of orientation). The 3<sup>rd</sup> TAP of the square  $\pi$  ( $\pi$ ) button will bring the flare back to its default state where the tilt sensor controls the choice of LEDs.
- **Changing Patterns**
  - To change patterns, simply TAP the round power button on any flare that is flashing.
    - 2 Sequential Flashing Patterns, 1 Simultaneous Flash Pattern, 1 Steady Glow Flash Pattern.
- **Reverse Sequence:** With flares on, momentarily TAP both buttons simultaneously on any flare. This will reverse the sequence
  - This is stored into memory. Allows for reverse deployment technique.
- **Disabling and Activating “PAIR” Mode**
  - “PAIR” Mode is activated every time the flares are turned on (indicated by blinking RED indicator LED)
  - To disable or turn off “PAIR” mode, from any flare in the group, HOLD both the power and  $\pi$  button for 3 seconds. Green LED will blink twice and RED LED will stop blinking.
  - To activate “PAIR” mode, from any flare in the group, HOLD both the power and  $\pi$  button for 3 seconds. RED LEDs on all flares in the group will begin to blink.
- **Turning OFF the Flares**
  - There are two ways of turning OFF the flares:

- To turn off all the flares: Press and HOLD the power (round) button for 3 seconds. All the flares will turn off and a red LED will flash for a few seconds to indicate the flare is turning off.
  - To turn off a single flare: Press and HOLD the square *pi* button for 3 seconds.
- **NEW FEATURE: MAX BRIGHTNESS MODE:**
    - Increase the flare's brightness (comprising battery life ~10 hours).
      - From any flare in the group, while the flares are on, HOLD both the power and pi button for 7 seconds.
      - RED Indicator LED will glow steady. Continue to hold until the GREEN indicator LED turns on. Once GREEN LED turns on, let go of the HOLD.
        - Two Flashes (RED + GREEN LED) = MAX Brightness (~10-15 hours pattern dependent)
        - One Flash (RED + GREEN LED) = Normal Brightness (~17-28 hours pattern dependent)

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<b>United States:</b>	<b>United Kingdom:</b>	<b>European Community:</b>
8,154,424	3218887	004142503-0001
9,847,037	90028382270001	004142503-0002
8,564,456	90041425030001	004142503-0003
9,288,088	90041425030002	004142503-0004
10,536,519	90041425030003	3218887
10,443,828	90041425030004	002838227-0001
10,551,014	<b>Italy:</b>	<b>Belgium:</b>
11,162,650	502020000119114	3218887
11,313,546	<b>Sweden:</b>	<b>Switzerland:</b>
D778,752	3218887	3218887
D778,753	<b>Australia:</b>	<b>Germany:</b>
D854,437	366289	60 2015 060 604.3
D854,438	<b>Canada:</b>	<b>Ireland:</b>
9,835,319	165009	3218887
	<b>Japan:</b>	
	6776251	
	7214641	
	1609250	

***Additional patents pending:***

***Japan;*** 2021-006700; 2022-087345 – Published

***Hong Kong;*** 40023942A; 40019830

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***China;*** 110770082 - Published

***European Union ;*** 3580094 - Published

*Additional patents pending not yet published.*



**CENTER LED INDICATOR**

- SOLID RED – Charging
- SOLID GREEN – Fully charged
- BLINKING RED – Pair Mode

**POWER + (π) "pi" SIMULTANEOUSLY**

TAP – Both simultaneously – Reverse Sequence  
Sequence Reversed (saved in memory)

**START A NEW GROUP - Enter / Exit Pair Mode**

HOLD 3 SECONDS

Center RED LED Blink = Pair Mode On  
Center RED LED Off = Pair Mode Off

**TOP LEDS (4)**

**POWER ON - POWER OFF**

See below

**(π) "pi" BUTTON**

See below

**16 SIDE LEDS (4 Each side)**

\* TAP = a momentary press of button  
\* HOLD = 3 second hold of button

Remember to wait until the flare begins to flash before turning on the next flare in line.

Power Button	(π) "pi" Button
<p><b>TO TURN ON</b></p> <ul style="list-style-type: none"> <li>● PULL OFF CASE - (Rechargeable Lithium only)</li> <li>● TAP Power or (π) "pi" Button (Alkaline batteries)</li> </ul> <p><b>TAP – FOR PATTERN CHANGE FLARE (SAVED INTO MEMORY)</b></p> <ul style="list-style-type: none"> <li>● 1- Wave Slow/Smooth Pattern</li> <li>● 2- Rapid March (Quick Flash)</li> <li>● 3- All Flares Flash Simultaneously</li> <li>● 4- Steady Burn</li> </ul>	<p><b>DYNAMIC TILT SENSOR ENABLED - (Default)</b></p> <ul style="list-style-type: none"> <li>● TAP 1 – Locks <u>TOP</u> LED – 4 Total</li> <li>● TAP 2 – Locks <u>SIDE</u> LED – 16 Total</li> <li>● TAP 3 – Return to Dynamic Tilt Sensor Enabled</li> </ul> <p><b>HOLD 3 SEC. – BATTERY STATUS CHECK</b></p> <ul style="list-style-type: none"> <li>● IMPORTANT - Flare Must Be Off</li> </ul>
Power + (π) "pi" Buttons Simultaneously	Power Off
<p><b>TAP – REVERSE SEQUENCE</b></p> <ul style="list-style-type: none"> <li>● <u>Sequence Reversed (saved in memory)</u></li> </ul> <p><b>HOLD 3 SEC - ENTER/EXIT PAIR MODE - START A NEW GROUP</b></p> <ul style="list-style-type: none"> <li>● <u>Center RED LED</u> Blink = Pair Mode On</li> <li>● <u>Center RED LED not Blinking</u> = Pair Mode Off</li> </ul> <p><b>NEW! HOLD BOTH (π) + POWER BUTTON 5 SECONDS - MAX BRIGHTNESS MODE (ONE FLARE SETS ALL PAIRED FLARES)</b></p> <ul style="list-style-type: none"> <li>● <u>Center RED LED STEADY ON - HOLD TILL GREEN LED TURNS ON THEN LET GO</u></li> </ul>	<p><b>HOLD POWER BUTTON 3 SECONDS</b></p> <ul style="list-style-type: none"> <li>● Individual Flare Off</li> </ul> <p><b>HOLD (π) "pi" BUTTON 3 SECONDS</b></p> <ul style="list-style-type: none"> <li>● Flare Group Off (turn off string of flares)</li> </ul>