



Pi-Link™ - Cloud Connectivity for Pi-Lit® Sequential Flares Quick Start Guide

Overview: Pi-Link is a gateway designed to connect Pi-Lit® Sequential Flares to cloud servers. When the sequential smart flares are deployed, Pi-Link™ connects via cellular modem and delivers location and time data to the internet. These data are then pushed to Waze, Google Maps, and to the dashboard as an alert on 2018 and newer Chrysler, Jeep and other vehicles. When the operator deploys the Pi-Lit® smart flares, oncoming drivers are notified miles ahead.

Step 1: Plug the 12-volt (or 24-volt) cigarette light plug into a power source in the vehicle. A 110-240-volt regulator is available as an option for vehicles with inverters. The 12-volt cigarette lighter plug can be removed and the wires connected to a power bus. Polarity must be correct.

Step 2: (Connecting) When power is applied, the red LED will flash twice, go dark, and then begin to “breathe” (slow flash) red. The red LED will breathe while Pi-Link™ is **a)** connecting to the cellular system and **b)** the GPS is obtaining a location fix.

***This can take up to 15 minutes the first time the power is applied to the device as the cell system and GPS must calculate and connect to a local tower.*

Step 3: (Ready) Once connected and a location fix is established the LED will breathe green. The system is now in standby mode and ready to connect to the cloud and notify Waze, Google Maps, and vehicle dashboards.

Step 4: (Activate) As you approach an incident or disabled vehicle you can tap (do not hold down) the “Activate” button on Pi-Link™. This will send a signal to connect to the cloud and map services, and place a dot on navigation maps of oncoming traffic. The button press allows you to notify the map services prior to coming to a stop and prior to exiting the vehicle. Alternatively, simply removing a Pi-Lit® smart flare from the carrying case will accomplish the same notification. Either approach will notify Waze and place a dot on the map.

Step 5: (Deactivate) While Waze is activated with a dot on the map (incident), the green LED will be steady on. When the service or event is completed and you have logged your activity, safely pull back onto the roadway. Waze will be notified automatically by geo-fence technology that the incident is completed. When you travel ¼ mile from the incident the red LED will flash for a few seconds and then breathe green again awaiting your next activation. Alternatively, you can press and hold the “Activate” button for 2 seconds. This will deactivate Waze notification.

Note: When Pi-Link™ is idle for more than 20 minutes (no vibration or motion from driving, or not activated when connecting to Waze), it will go dark. The device has entered a low-power sleep mode. For example, when the car is stationary during a lunch break, or at the dispatch facility overnight. Minor vibration, as when sitting in the vehicle or driving, will awaken the device and it will reconnect (breathe red for a few moments, then breathe green).

Email info@pi-lit.com or telephone (949)415-9411 for assistance. We answer 24x7.