

## Before you start...



## Important - Read this!



Due to shipment regulations, the batteries are shipped with only up to a 30% battery capacity.

**You must charge the battery to 100% capacity before first use.**

### Get optimum use with your Portable PIM analyzer!

To get the optimum operating time with this new battery, Kaelus recommend updating the iPA software to the latest available version.

*Note: this process only applies to iPA/iXA that currently using software version 1.6.1 or later. Units that are using earlier version should update to version 1.6.1 first before moving forward*




#### Requirement

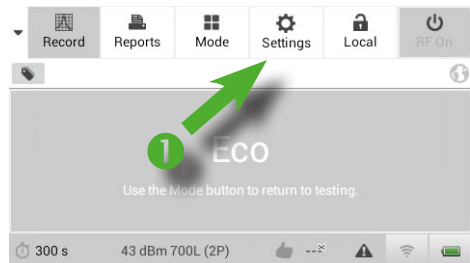
- SD Card, 16 GB or smaller is required.
- *SD Cards greater than 16 GB may not be recognized by the iPA units*
- Battery must have at least 80% charge for update to install, simultaneous AC connection is preferred.

#### Procedure

1. Download the latest software at:  
[www.kaelus.com/en/resource-center/software-downloads](http://www.kaelus.com/en/resource-center/software-downloads)
2. Open the .zip folder and extract its contents.
3. Turn off the iPA/iXA. Copy the new software (4 files) onto the top-level directory of the SD card and insert the SD card in the iPA or iXA. Power On the iPA

*Files will not be recognized if located in a folder*

4. Go to Settings , About 
- Click on "Update Software". 
5. Wait for the software to update and the unit to restart (approx. 10min)



## To maintain your battery...



### Important - Read this!

Proper battery maintenance is key to maximize the Kaelus Portable PIM analyzer's battery longevity.

The Kaelus portable PIM analyzer is powered by a 25.9Vdc Lithium-ion battery. These batteries, like most lithium-ion batteries, self discharge when left for extended periods of time in storage, and require periodic cycling.

The recommendation is to discharge the battery to at least 40% and then charge to 100%. Once batteries are fully charged, batteries can be stored for a period no longer to than 3 months. If batteries are not used on a regular basis, battery cycling is highly recommended.



Kaelus offers the Dual Port battery charging station for convenience of charging 2 batteries simultaneously without interrupting current ongoing testing with the Portable PIM analyzer.

Another method to charge a battery is to use the iPA or iXA with the supplied charger adaptor.

The battery must be installed in the iPA/iXA and the iPA/iXA must be POWERED ON and have the AC adapter plugged in to the iPA/iXA. This will enable the iPA/iXA battery to charge while operating the iPA/iXA in the RF Off mode. Placing the iPA/iXA in ECO Mode will result in a faster charge cycle. The charger adaptor light will illuminate Red or Orange during charge condition and then illuminate Green once the battery is fully charged.



***You should now get optimum operating time with your Battery!***