

## Before you start...



## Important - Read this!



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

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

The new **High Capacity Battery** is compatible with iPA, iXA and the existing battery cradle.

### Get optimum operating time with your new High Capacity Battery!

To get the optimum operating time with this new battery, Kaelus recommend updating the iPA software to the latest available version (2.19.7 or higher).

*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

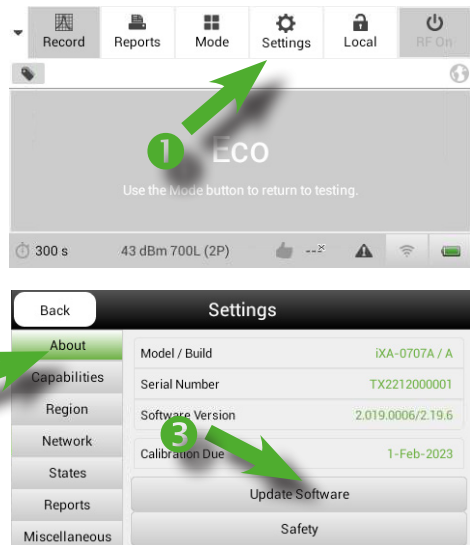
1. Download the latest software at:  
[www.kaelus.com/en/resource-center/software-downloads](http://www.kaelus.com/en/resource-center/software-downloads)
2. Open the .zip folder and extract its contents.
3. Turn off the iPA/iXA. Copy the new software (4 files) onto the top-level directory of the SD card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

Click on "Update Software". ❸

5. Wait for the software to update and the unit to restart (approx. 10min)



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

## 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 new High Capacity Battery!***