LAPIERRE
naturally innovative

DATACER
MOBILE

USER MANUAL
March **2025** | Version **01**

LAPIERRE
naturally innovative

Naturally innovative

A leader in equipment and products for the maple syrup industry, LAPIERRE EQUIPMENT distinguishes itself by its ability to innovate and develop high-performance solutions. This is what enables it to make significant changes in production techniques and processes in order to increase crop yield of high quality syrup.

LAPIERRE EQUIPMENT has a wealth of experience accumulated over three generations of maple syrup producers. These are also people driven by passion and a deep desire to help the industry evolve with the utmost respect for nature.

Honoured to serve your customers

LAPIERRE EQUIPMENT is honoured to actively assist maple syrup producers during the sugar season.

Today you have made a wise choice for at least two good reasons: the superior quality of our products and the exceptional quality of all our expert advisers in the region.

We sincerely appreciate your trust. And we will be happy to serve you again in your future equipment purchases, regardless of the size of your sugar bush.

Thank you!

Lapierre Equipment Inc.

99 Rue de l'Escale, Saint-Ludger (QC) Canada G0M 1W0

819 548.5454 **|** 1 833 548.5454 **|** info@elapierre.com

www.elapierre.com

Data sheet

DATACER™ Mobile

Table of contents

This document refers to the DATACER™ User Manual. To access it, please click on this link:
DATACER User Manual

1. Description

The DATACER™ mobile is a wireless device that allows you to query the transmitter network via radio waves and communicate system data directly to your cell phone. It therefore gives you access to the system if the DATACER™ base is not connected to the internet or if the cellular network is not available in the forest.

1 SSID

2 On-off switch

3 Indicator lights: "Network," indicating the synchronization status of the mobile with the mesh network; "Request," indicating the sending of a request; "Response," indicating the reception of data; and "Charge," indicating the current charge of the mobile.

4 USB-C charging port

![DATACER logo]

2. Import the settings from the base to the DATACER™ mobile

Prerequisites:

- Start up the DATACER™ base (see section 4.1.1, page 161 of the DATACER™ manual).
- Ensure that the software version of the base is greater than 8 (see section 3.2.6, page 107 in the DATACER™ manual). If this is not the case, please perform an internet update of your DATACER™ base (see section 4.12, page 236 of the DATACER™ manual).
- Ensure that the DATACER™ base has been migrated to the new server. The remote login address must be **daXXXX.base.datacer.online.** If the migration has not been completed, please call Lapierre Equipment customer service at 819 548-5454.
- Start up the DATACER™ mobile (see section 3.1, page 5).

On the DATACER™ interface on the telephone:

1. Log in to the DATACER™ interface from your telephone (see section 4.4.3, page 182 of the DATACER™ manual).
2. Click "Admin," enter your user name and administrator password, then click "Settings."
3. Click "Download configuration file."
4. This message indicates that the file has successfully been downloaded.
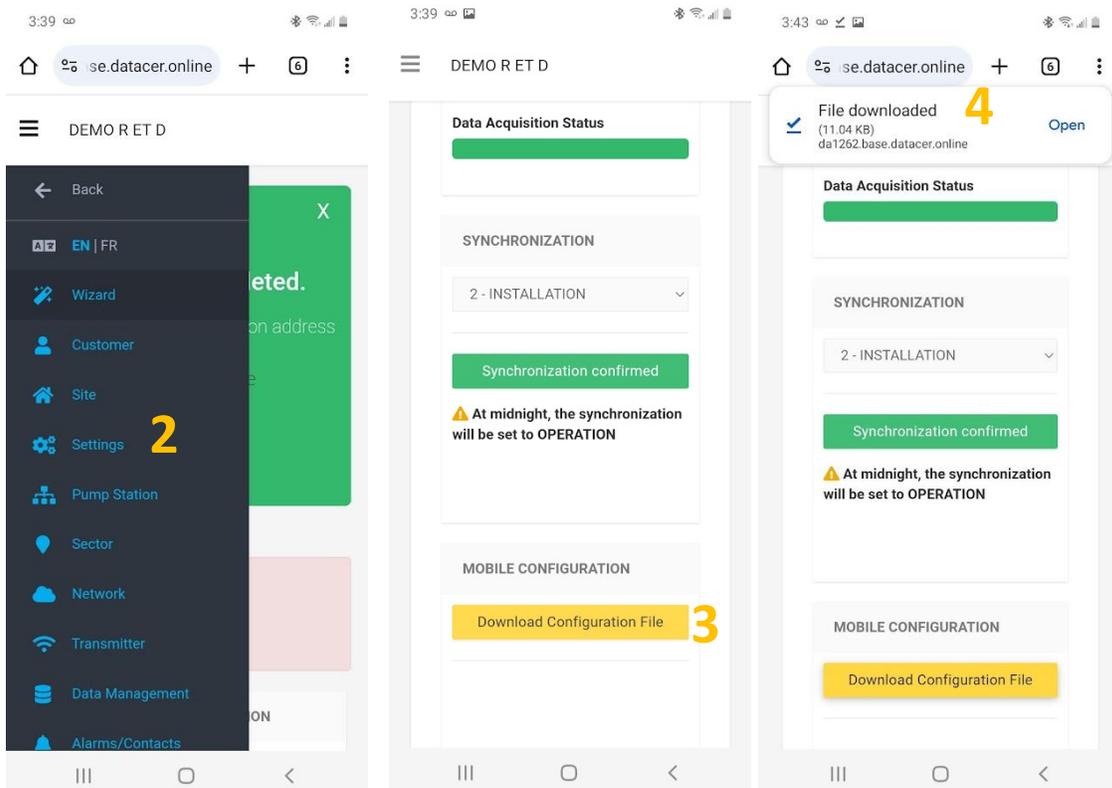
On the DATACER™ mobile interface on the telephone:

5. Open the DATACER™ mobile interface on your telephone (see section 3.1, page 5).
6. Click "Settings."
7. Click "Choose a file."
8. Choose the folder to which your file was downloaded in step 3.
9. Select the most recent file in .json format.
10. Click "Download to mobile."
11. A message indicates that the settings were successfully imported to the mobile. Click "OK."

![Datacer logo]
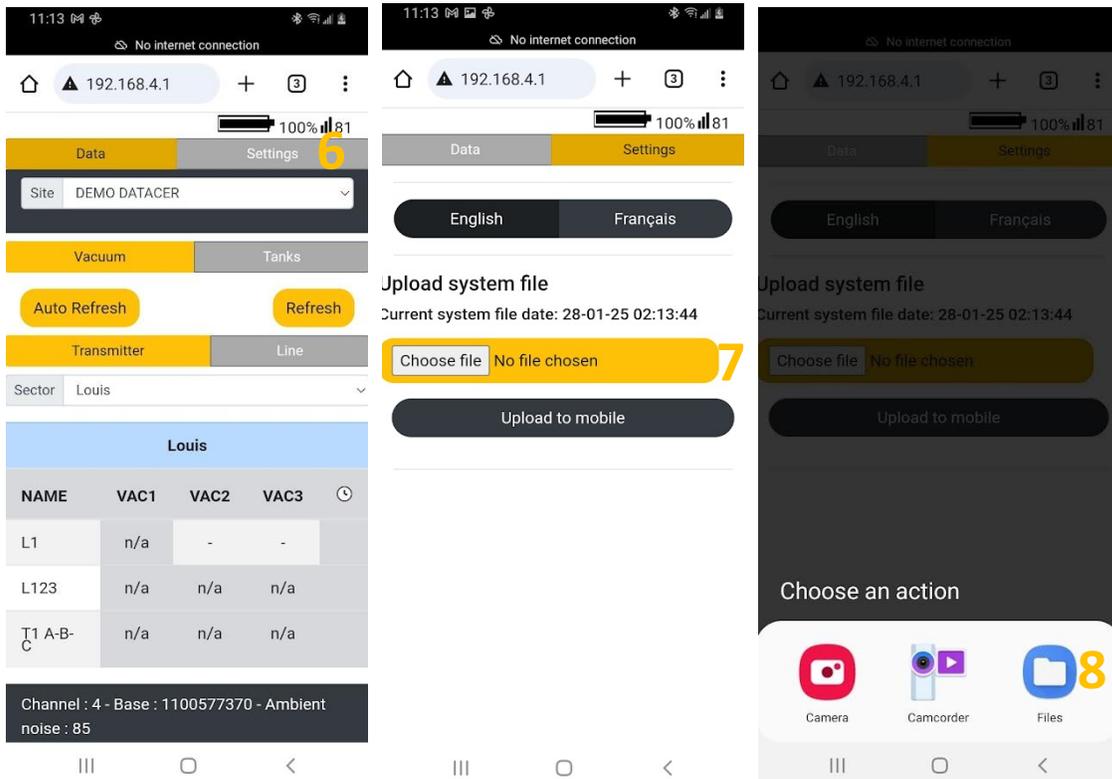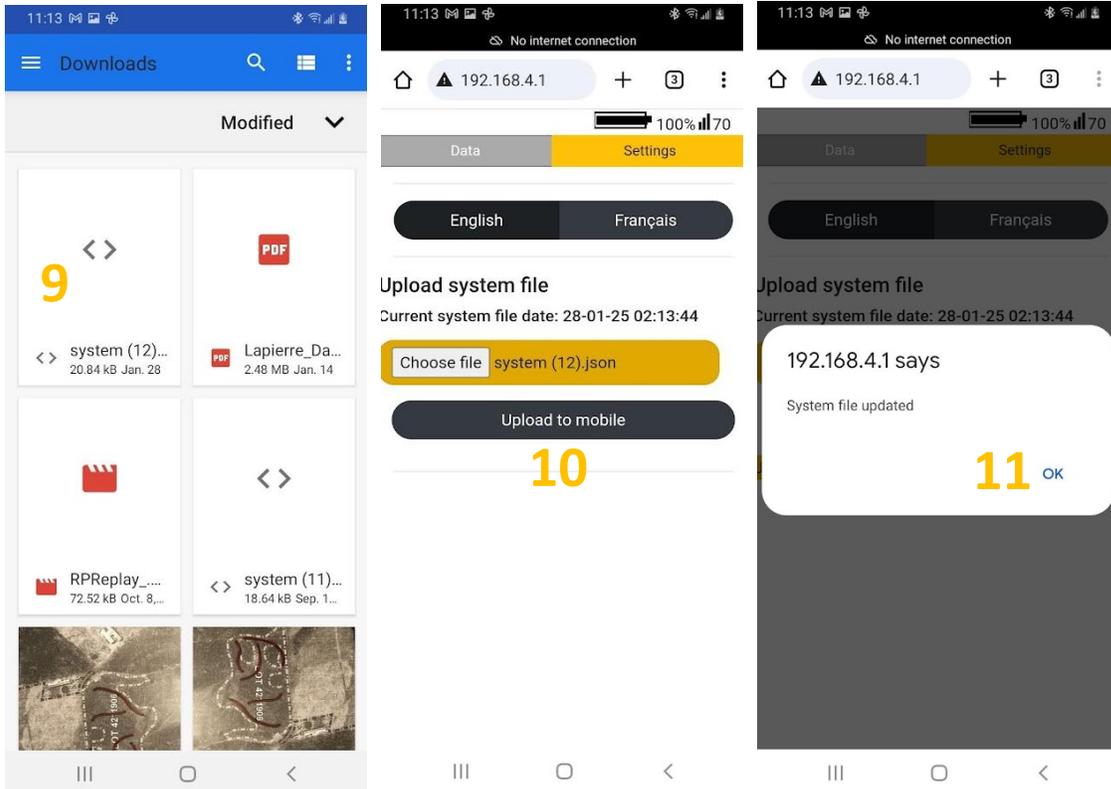
⭐ Perform a new import into the mobile each time the settings are modified in the DATACER™ base. That way, the system view via the mobile on your telephone will be up to date. Example: after adding a sector or transmitter, editing the name of a line, etc.

3. View your data via the DATACER™ mobile

3.1 Open the DATACER™ mobile interface on your cell phone

1. Put the switch in the "on" position.

2. In the telephone, click Settings.
3. Click Connections.

4. Click WiFi.
5. Select the DATACER™ mobile WiFi network from the list of available networks. The network starts with MOB_SSID. See section 1, page 2 to find your 4-digit SSID.
6. Disregard the "Internet may not be available" message.
7. Open a browser page (we recommend Google Chrome or Safari).
8. Enter the login address 192.168.4.1
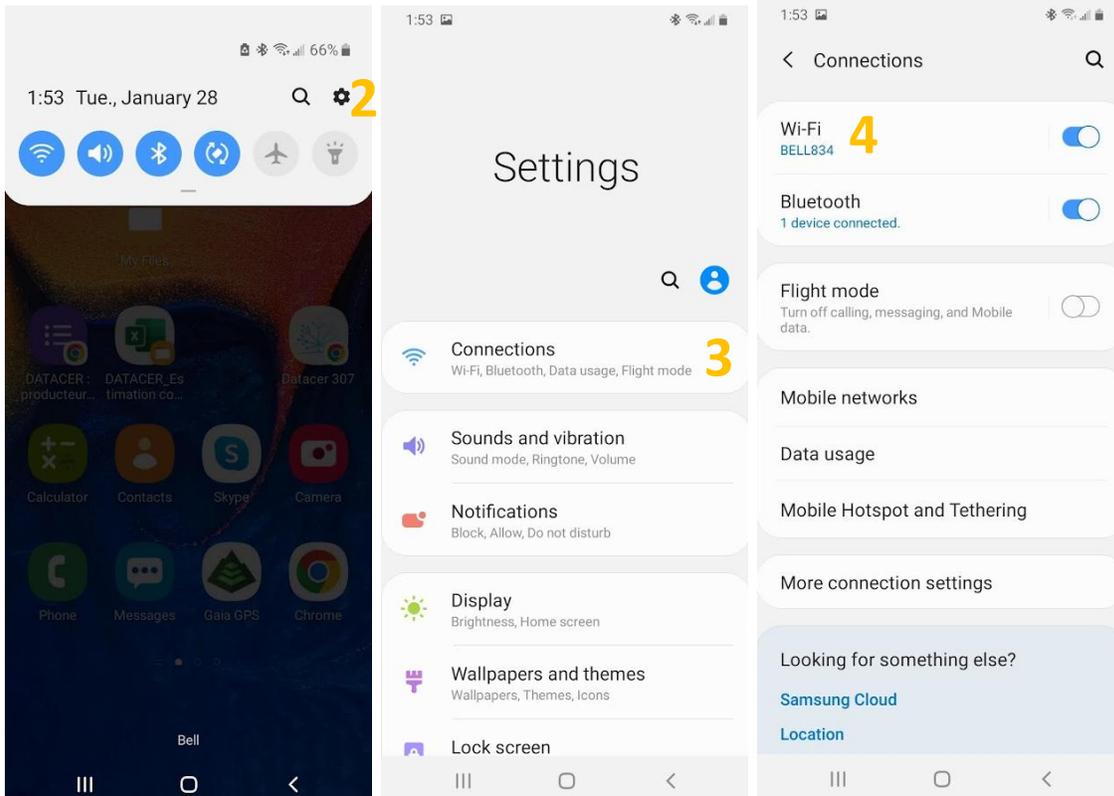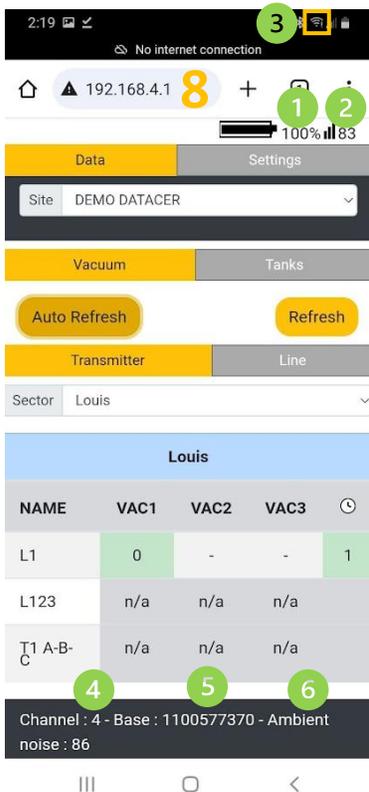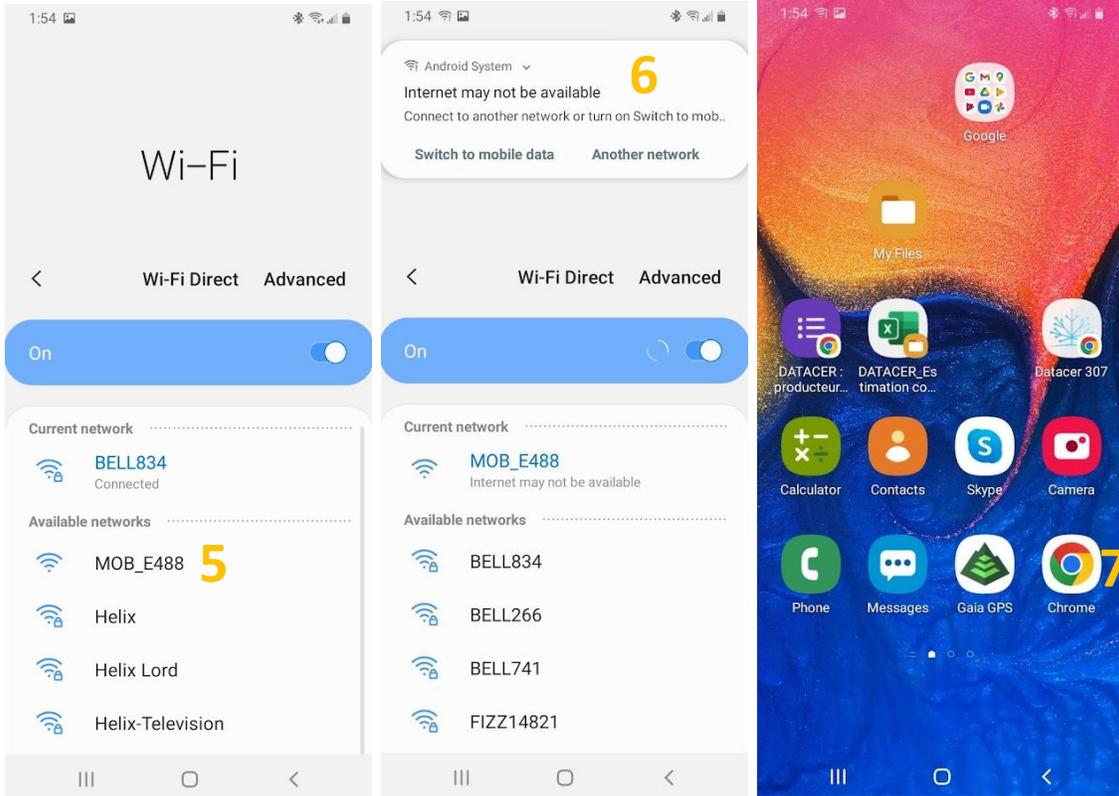
1 Mobile battery charge level

2 Radio signal strength between the mobile and one of the transmitters in the mesh network.
X = no signal. 100 = excellent signal.

3 WiFi signal strength between the mobile and the telephone.

4 Mesh network coordinator radio channel. If the mesh network is managed directly by a DATACER™ base, then the channel displayed is that of the base. If the mesh network is managed directly by a DATACER™ gateway, then the channel displayed is that of the gateway.

5 Mesh network coordinator radio address. If the mesh network is managed directly by a DATACER™ base, then the address displayed is that of the base. If the mesh network is managed directly by a DATACER™ gateway, then the address displayed is that of the gateway.

6 Ambient noise indicates the level of radio interference.
100 = no noise. 40 = lots of noise.

3.2 Consult your system data on your cell phone via the DATACER™ mobile

Prerequisites:

- Opened the DATACER™ mobile interface on your cell phone see section 3.1, page 5).
- Imported the configuration file to the DATACER™ mobile (see section 2, page 3).

1. Select a site where you are currently located.
2. Select the sector in which the close by transmitters are located.
3. Select the "Vacuum" or "Basins" tab.
4. If you selected Vacuum, then please choose between the view by "line" or by "transmitter."

⭐ Selecting a transmitter or line from the list allows you to update only the vacuum levels of the lines belonging to the same transmitter. This allows the transmitter data to be refreshed more frequently.

5. Choose the update mode.

1 Auto Refresh: Sends multiple queries to the DATACER™ base and allows the data to be updated continuously.

2 Refresh: Sends a single query to the DATACER™ base and allows the data to be updated once.

6. Click OK.
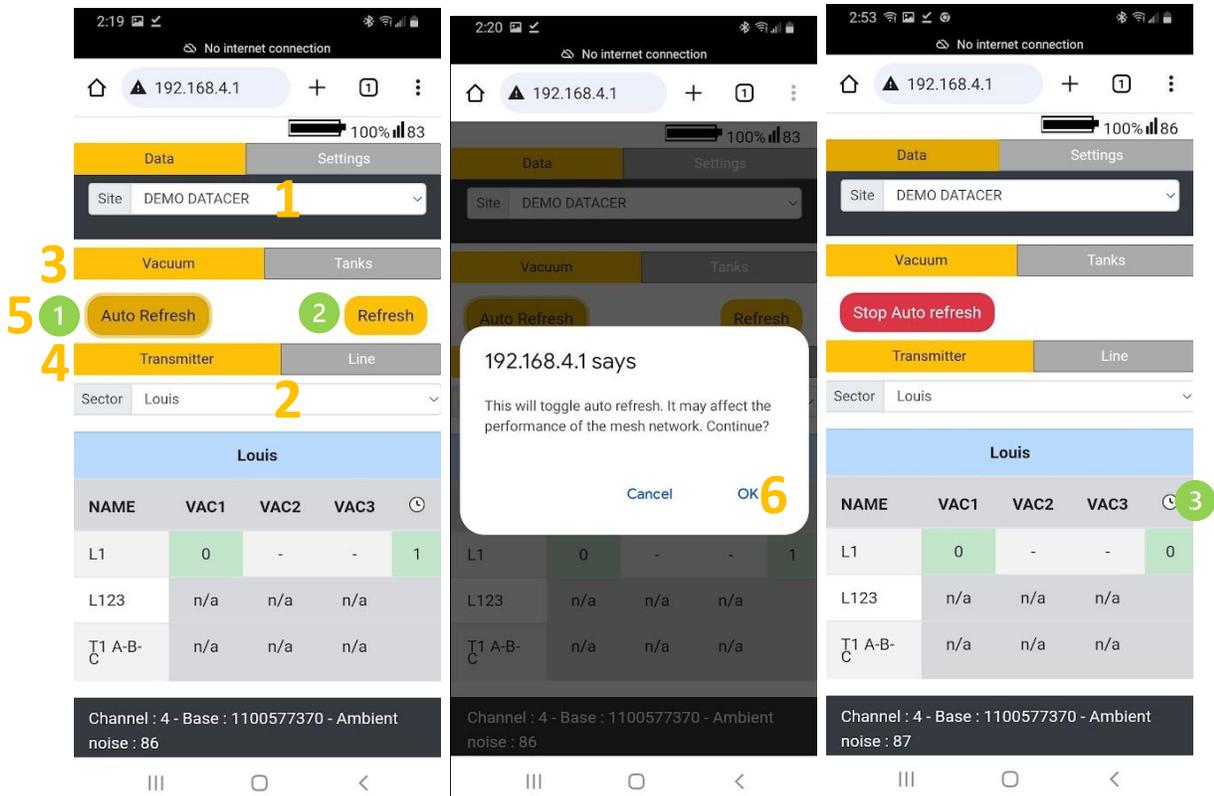
③ Refresh time in minutes.

This time corresponds to the refresh time of the data from the transmitter currently present in the DATACER™ interface + the time it took for the mobile to communicate with the DATACER™ base. For example, if the refresh time of a transmitter is 1 min. in the interface and it took 1 min. for the mobile to communicate with the DATACER™ base, then the time displayed in the mobile will be equal to 2 min.

⚠ The DATACER™ mobile must be able to communicate with a radio transmitter present in the sugar bush and be close enough to your phone.

- The distance between the mobile and one of the transmitters in the mesh network should be less than or equal to 150 m.
- The strength of the radio signal between the mobile and one of the transmitters in the mesh network should be greater than 25 (see ② section 3.1, page 5).
- The "Network" indicator light on the mobile (see ③ section 3.1, page 5) must indicate that the mobile is synchronized with the rest of the mesh network (quick flashes). Please see section 4.2.1, page 171 of the DATACER™ manual.
- The distance between the mobile and your phone should be less than or equal to 10 m.

LAPIERRE
naturally innovative

We sincerely appreciate your trust.
Thank you!

MADE IN CANADA

99, rue de l'Escale, Saint-Ludger (Québec) Canada G0M 1W0

819 548.5454 | 1 833 548.5454 | info@elapierre.com | www.elapierre.com