



**DATA CER™**  
sugarbush automation



**LAPIERRE**  
*naturally* innovative

INSTRUCTIONS FOR OPENING AND SEASONAL CLOSING  
September **2025** | Version **02**

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## TABLE DES MATIÈRES

1. DATACER system seasonal opening .....	2
2. DATACER system seasonal closing .....	4
3. Important information about your DATACER system .....	5
4. DATACER user manual, access the latest version. ....	5

## 1. DATACER SYSTEM SEASONAL OPENING

1. Verify that your equipment is properly connected. If necessary, please refer to the installation section of the user manual.
2. If your system is normally accessed remotely, verify that your paid internet service (home router, cellular hotspot, satellite provider) is turned on.
3. Verify that the DATACER base's UPS battery is turned on (green indicator light on the on/off button).
4. Turn on the DATACER router for DATACER bases number less than 1200.
5. Make sure to connect the antenna cable and then turn on the DATACER base's radio transmitter.
6. Ensure that the system's computer (NUC) is turned on (blue indicator light on the on/off button).
7. Turn on the DATACER base's screen.
8. If you have one or more DATACER gateways, turn them on.
9. Set the DATACER base and gateway(s) to the installation synchronization.
10. Connect the antennas and then turn on the DATACER tank level, pressure, combined transmitters, connected repeaters and DATACER station in your pumping stations.
11. Start the vacuum transmitters and repeaters.

### a. Solars

#### **Case 1:** Transmitters have been left **in the forest**

Was sleep synchronization selected before switching off the DATACER base radio transmitter?

→ Yes, no physical start-up required

→ No, the transmitters have been physically turned off (switch to OFF). Therefore, turn on the transmitters (switch to ON) starting from the closest to the furthest from the DATACER base or gateway.

★ Leave the system in sleep synchronization until the desired start date for using the system, then change the synchronization as needed

#### **Case 2:** Transmitters were stored **inside**

- i. Insert the batteries and take the switched-off transmitters outside to expose them to light.
- ii. Turn the transmitters on and have them communicate with the DATACER base to check their charge level.



- ★ Install the transmitters in the woods when the battery charge level is at least 50%.
  - iii. Turn off transmitters
  - iv. Install and switch on the transmitters in the forest one by one, starting with the closest to the DATACER base or gateway and ending with the ones furthest from it.
  - v. Ensure that the signal strength with the rest of the network is good (green or blue light for the radio LED) and that data communication to the DATACER base was successful (steady red light for the channel LED).



Please handle your transmitters with care to avoid damaging the solar panels.



Do not mix several types of batteries in the same transmitter. For a solar transmitter, only use 3 rechargeable batteries with the solar panel connected to the card.

- ★ Leave the system in sleep synchronization until the desired start date for using the system, then change the synchronization as needed.
- ★ The transmitters require rechargeable D NiMH batteries of at least 10 000 mAh. The batteries provided with your transmitters have been duly qualified to meet the requirements of the DATACER system.

## b. Non solars

### **Case 1:** Transmitters were stored **inside**

- i. Turn on the transmitters near the DATACER base or gateway.
- ii. Ensure that data communication times are less than 1 minute on the DATACER interface.
- iii. Check the battery charge level on the interface and replace them if necessary.
- iv. Turn off the transmitters.
- v. Install and turn on the transmitters one by one in the forest, starting with the closest to the DATACER base or gateway and ending with the ones furthest from it.
  - For models with a green radio LED only, ensure that the transmitter is synchronized with the rest of the network (5 quick flashes for the radio LED).
  - For models with yellow, red, green, and blue light for the radio LED, ensure that the signal strength with the rest of the network is good (green or blue light for the radio LED) and that data communication to the DATACER base is successful (steady red light for the channel LED).
- vi. Once the installation is complete, change the synchronization to operation.
- vii. The next day, check that the communication times of all transmitters are between 0 and 1 minute, or in the same order of magnitude as what you observed the previous year.
- viii. Change the synchronization of the DATACER base and gateway as needed.

### **Case 2:** Transmitters have been left **in the forest** (models delivered after October 1<sup>st</sup>, 2024)

- i. Insert the batteries.
- ii. Follow the same steps as case 1 below, starting from step v.



## 2. DATACER SYSTEM SEASONAL CLOSING

### 1. Stopping vacuum transmitters and repeaters.

#### a. Solars

##### **Case 1:** Transmitters are left **in the forest**

Sleep synchronization is available

- i. Set the DATACER base and/or gateway synchronization to sleep.
- ii. Please wait for the communication times for each solar vacuum transmitter to change from 15 minutes to 0 minutes every 15 minutes. This will ensure that sleep synchronization is in place for all transmitters.

Sleep synchronization is not available

- i. Check with your Lapierre dealer to assess available solutions for enabling sleep synchronization.
- ii. Otherwise, turn off the transmitters (switch to OFF).
- iii. Leave the batteries inside the transmitters.

##### **Case 2:** Transmitters are stored **inside**

Transmitters should be stored in the OFF position in a cool, dry place. Batteries should be removed from the transmitters.



Please handle your transmitters with care to avoid damaging the solar panels.

#### b. Non solars

##### **Case 1:** Models delivered **before** October 1<sup>st</sup>, 2024

These transmitters should be stored indoors during the off-season in a cool, dry place and leave transmitter doors ajar.

Turn off the transmitters and remove the batteries as soon as the season is over.

##### **Case 2:** Models delivered **after** October 1<sup>st</sup>, 2024

These models can be left in the forest year-round.

Turn off the transmitters and remove the batteries as soon as the season is over.

2. Turn off the tank level, pressure transmitters, connected repeaters and DATACER stations.
3. Disconnect the antenna cables.
4. Turn off the radio transmitter on the DATACER base and gateway(s).
5. Disconnect the antenna cables.
6. Turn off the DATACER router for DATACER bases number less than 1200.
7. Leave the computer (NUC) running and connected to the UPS battery. The indicator light on the NUC's on/off button should remain blue, and the indicator light on the UPS battery on/off button should remain green.



# DATACER™



Leaving your computer running helps protect the integrity of the data stored on it and ensures that it is ready to use at the start of the next season. To do this, you must leave the computer's power adapter connected to the overload protection and back-up battery (UPS).

8. Turn off the DATACER base screen.
9. Turn off your internet service (home router, cellular hotspot, satellite provider) if it is used only for the DATACER system.

## 3. IMPORTANT INFORMATION ABOUT YOUR DATACER SYSTEM

DATACER system number: \_\_\_\_\_

Channel: \_\_\_\_\_

	Admin	Remote connection
User		
Password		

## 4. DATACER USER MANUAL, ACCESS THE LATEST VERSION

You can access the latest version of the user manual on our website by selecting DOCUMENTS, then USER MANUALS.

Canada: [Click here](#)

USA: [Click here](#)

You can also access it using these QR codes.

**Canada**



**USA**









We sincerely appreciate your trust.

**Thank you!**



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99 Rue de l'Escaie, Saint-Ludger (QC) Canada G0M 1W0  
819 548.5454 | 1 833 548.5454 | [info@elapierre.com](mailto:info@elapierre.com) | [www.elapierre.com](http://www.elapierre.com)