

PEC+ Updater user manual

The optional PEC+ Updater is an innovative and easy-to-use product that allows you to upgrade your PEC Plus's firmware.

Phason constantly improves and adds new features to their products. With the PEC+ Updater, you can upgrade the firmware in your PEC Plus as these features become available. The PEC+ Updater takes only seconds to use and can upgrade all the PEC Plus controls at your site.

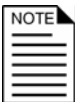
Features

- ◆ Quick and easy to use
- ◆ Compact design—fits in a pocket
- ◆ 90-day limited warranty

Updating the PEC Plus firmware

There are two methods for updating the PEC Plus firmware: “power on” and “power off”.

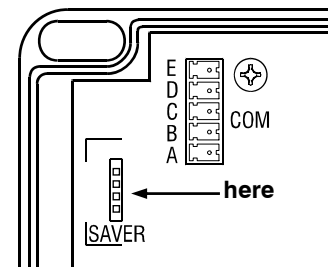
- ◆ **Power on**—the power on method allows you to update the PEC Plus firmware using the menu system, without having to switch the incoming power off and then on. If the power on method fails, use the power off method.
- ◆ **Power off**—the power off method allows you to update the PEC Plus firmware by switching the incoming power off and then on. Use the power off method if the power on method fails.



The PEC+ Updater works with PEC Plus controls that have a serial number starting with 2006-10-01 or later. The updater will **not** work with serial numbers before that date.

PEC Plus cover layout

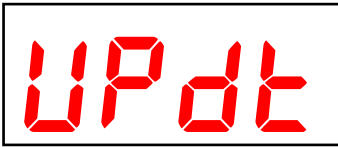
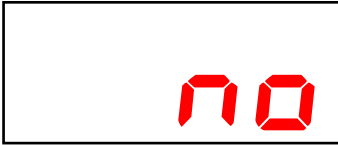
The inside of the PEC Plus cover is where you connect the PEC+ Updater. The cover label must face the right when you plug the updater into the socket.



To update the firmware using the “power on” method

1. Loosen the four screws in the PEC Plus enclosure and then gently remove the cover. Make sure not to disconnect the ribbon cable.
2. Insert the PEC+ Updater into the connector marked SAVER on the inside top-left of the cover.
3. Press **Function** until the LED for CONFIGURATION is lit.
4. Press **Up** or **Down** until **UPdt** is displayed and then press **Select**. The display shows **no**.
5. Press **Up** or **Down** to change the **no** to **YES** and then press **Select**. The PEC Plus updates its firmware. During the update, the display is blank and the control beeps.

● CONFIGURATION

When the update is complete, the display shows **----** for a couple seconds and then shows the ambient temperature.

6. Remove the PEC+ Updater.
7. Verify that the control functions properly.
8. Replace the cover and then tighten the four screws.

To update the firmware using the “power off” method

1. Loosen the four screws in the PEC Plus enclosure and then gently remove the cover. Make sure not to disconnect the ribbon cable.
2. Insert the PEC+ Updater into the connector marked SAVER on the inside top-left of the cover.
3. Switch off the power to the PEC Plus for at least five seconds.
4. Switch on the power to the PEC Plus.
The PEC Plus updates its firmware. During the update, the display is blank and the control beeps.

When the update is complete, the display shows **----** for a couple seconds and then shows the ambient temperature.

5. Remove the PEC+ Updater.
6. Verify that the control functions properly.
7. Replace the cover and then tighten the four screws.

Phason Inc.

2 Terracon Place

Winnipeg, Manitoba, Canada
R2J 4G7

Phone: 204-233-1400
Fax: 204-233-3252

E-mail: support@phason.ca
Web site: www.phason.ca