



How To: Sette 270W to 270Wi Conversion

Relevant Models: Sette 270W

Time: 00:25:00

Difficulty: Moderate

Tools/Supplies: T10 & T6 Torx Bits (or Phillips on some units), Phillips Size 0 Bit, Bit Driver, Apple iPhone or iPad running iOS 7.1 or better, Pliers (optional).

Parts: [Sette Wi Display Upgrade](#)

Foreword & Disclaimer

Converting the 270W to Wi involves flashing the firmware via an iOS phone or tablet. This should not be taken lightly, as a corrupted firmware flash can compromise the hardware and result in additional expenses/labor. Even when executed with precision, the conversion process may be unsuccessful for various reasons. Once converted, the unit cannot be reverted back to a 270W.

In the event of an unsuccessful home conversion of units in the US, the unit will have to be sent to Baratza for a flat rate paid conversion, available on our grinder repair program page.

Warranty does not cover failed conversions.

If you are located outside of the US be aware that there is no repair program to fall back on, and warranty does not include failed conversions. Check with your importer for any additional info.

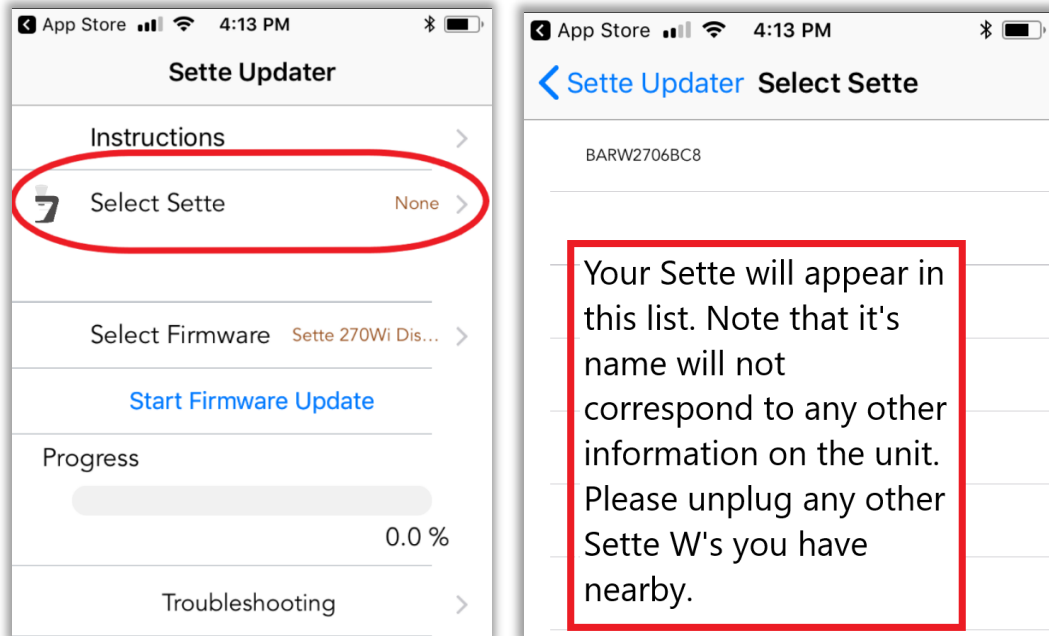
Before ordering the display, follow this guide through page 2 to verify that your unit is able to pair with your iOS device via Bluetooth.

Troubleshooting tips are available at the end of this guide.



Verification of Bluetooth signal

1. Download the Sette Updater App by Acaia.
2. Power on your Sette W.
3. Open Sette Updater on your iOS device.
4. In the app, tap “Select Sette” to find nearby Sette 270W units.



My grinder is on the list:

Proceed to ordering and replacing the display.

My grinder is **not** on the list:

Go to the end of this guide for Bluetooth troubleshooting help.



Part 1: Display Assembly Installation

***** Unplug the grinder from power supply *****

Tilt the machine forward on a hand towel, resting the machine on its face



Remove the rear rubber foot (use pliers if needed)





Remove the four Torx screws from the rear of the machine, and the one Torx screw that lies inside the rear foot slot. Screw positions indicated below.

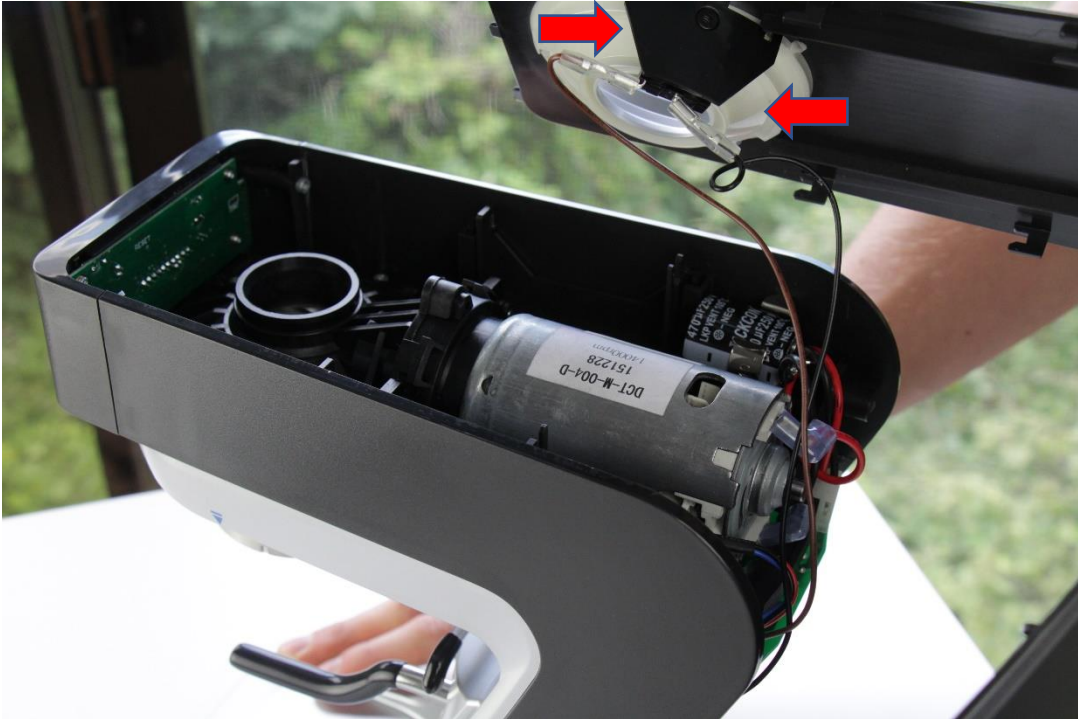


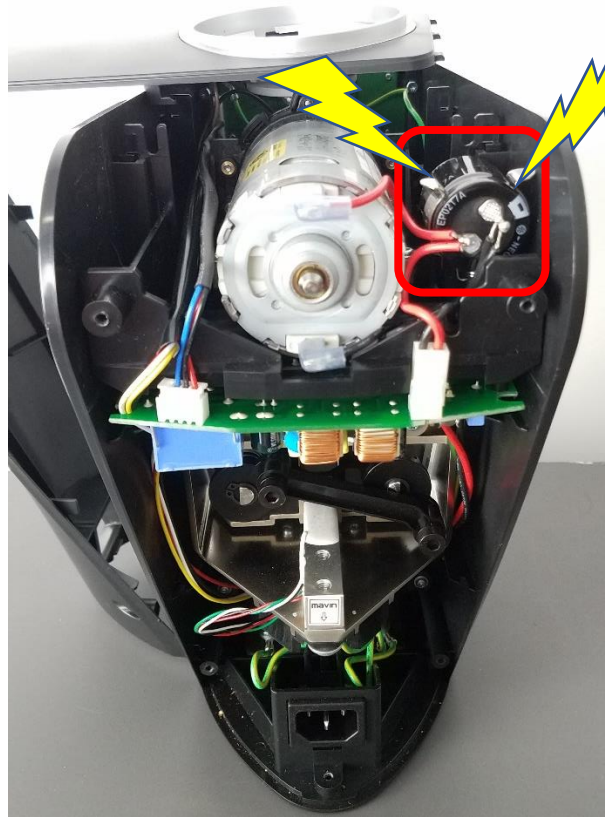
Stand the machine back upright and gently pull the entire rear housing towards the rear of the grinder. Be gentle as there are two wires attached to the case.





There are two wires attached to the casing. Keep them attached and set the casing partially off to the side.

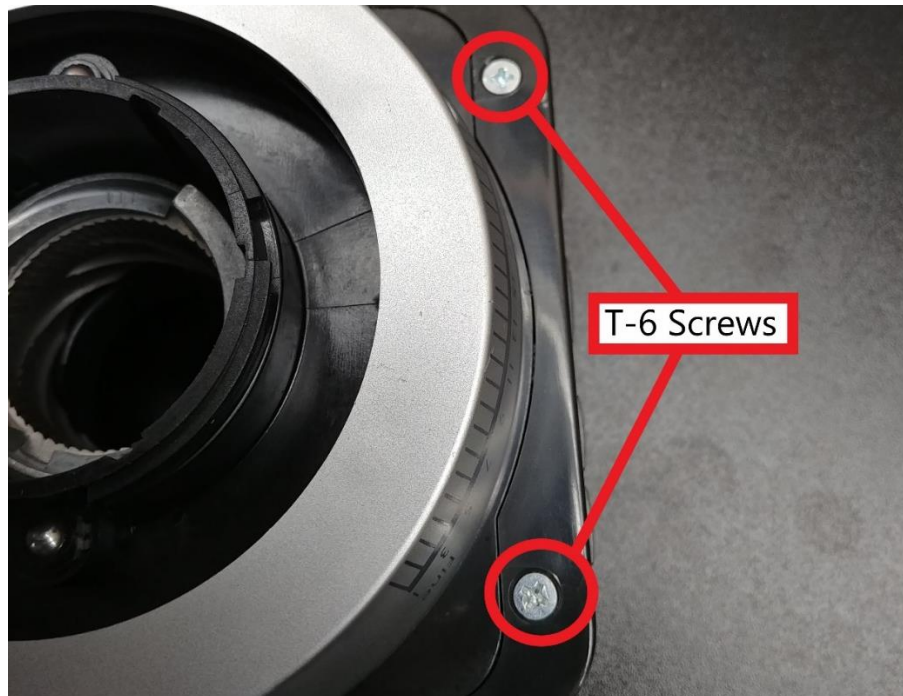




CAUTION!

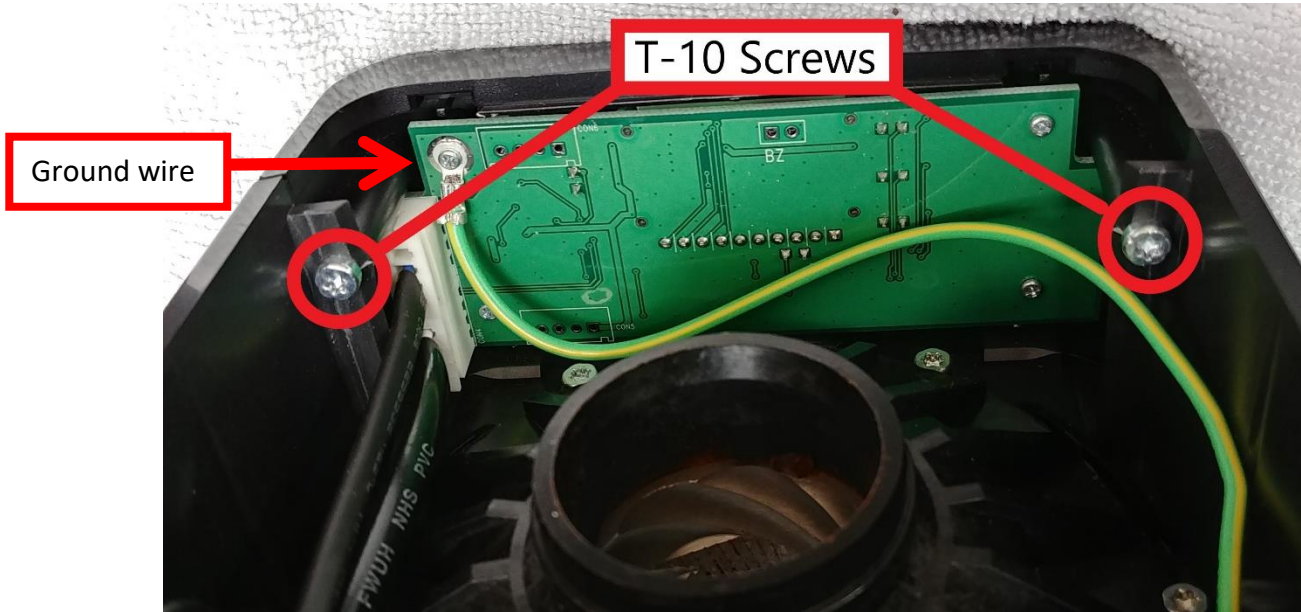
*****CAUTION***** There is a black capacitor inside the machine. This capacitor will normally be discharged, but may be charged and if charged will deliver an electrical shock if the red and black contacts are both contacted, creating a connection.

Remove the two T6 (Phillips on some units) screws from the underside of the screen.





Remove the two T10 screws that secure the screen from the back. Then remove the ground wire using a Phillips size 0 bit.

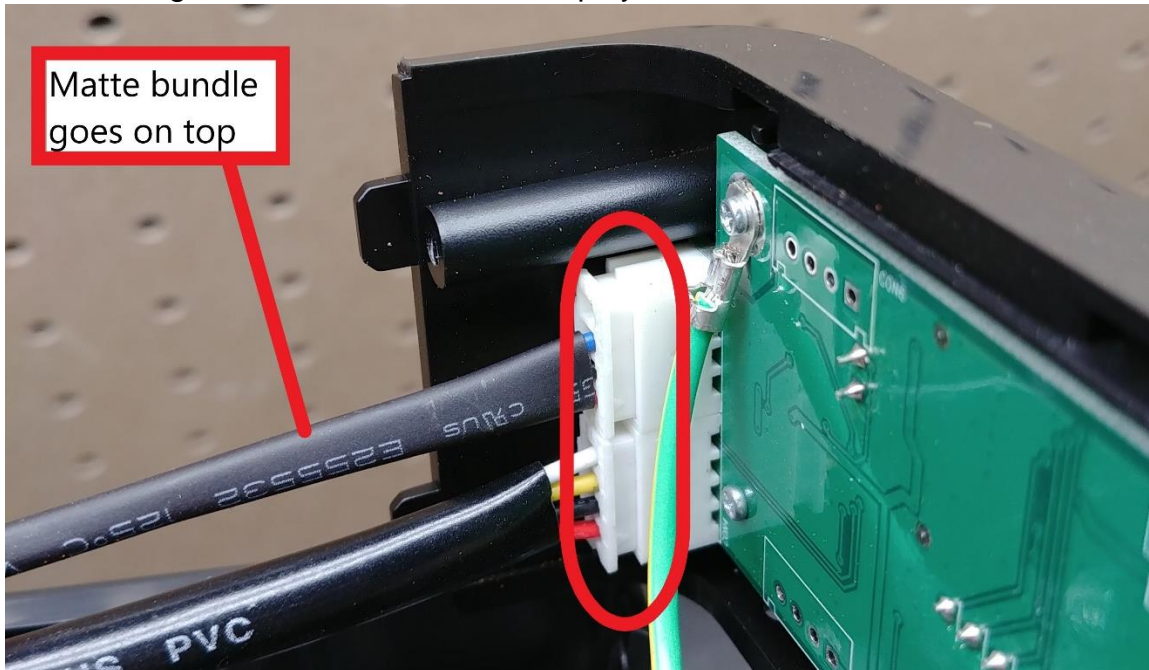


Carefully disconnect the two (2) Molex connectors from the display by unplugging the white connector. **Do not pull on the wires to unplug!**

Pull the screen assembly forward to remove.

Plug in new display assembly and connect wires in the same order (matte bundle on top).

Secure the ground wire onto the new display board.

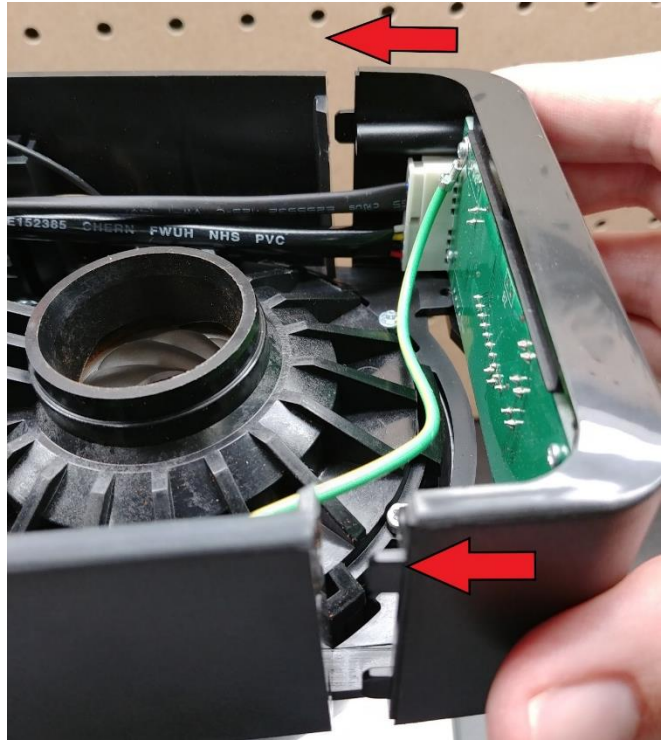




Slide assembly into the machine.

Secure rear two T10 screw (don't overtighten)

Install two T6 (or Phillips) screws from the underside of the screen.



NOTE: your grinder will not work until you have updated the load cell firmware as instructed below.



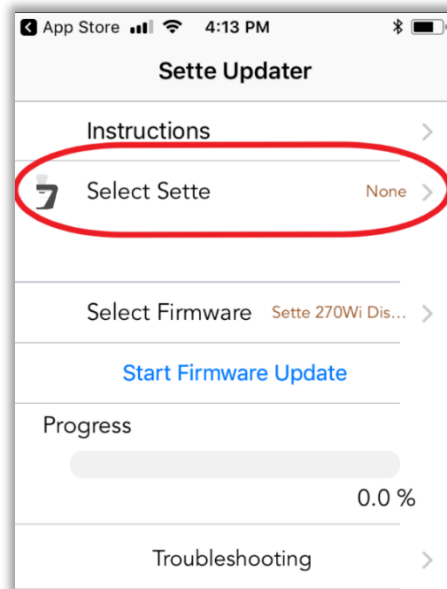
Part 2: Load Cell Firmware Update

Power on your converted Sette *Wi*.

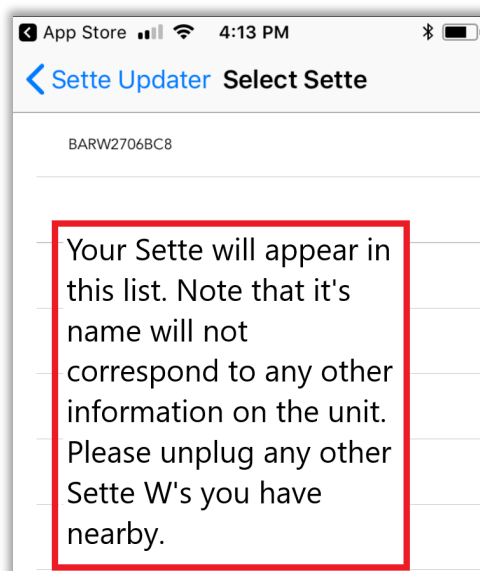
Make sure your iOS device has 50% battery or more.

Open Sette Updater on your iOS device.

In the app, tap “Select Sette” to find nearby Sette 270*Wi* units.



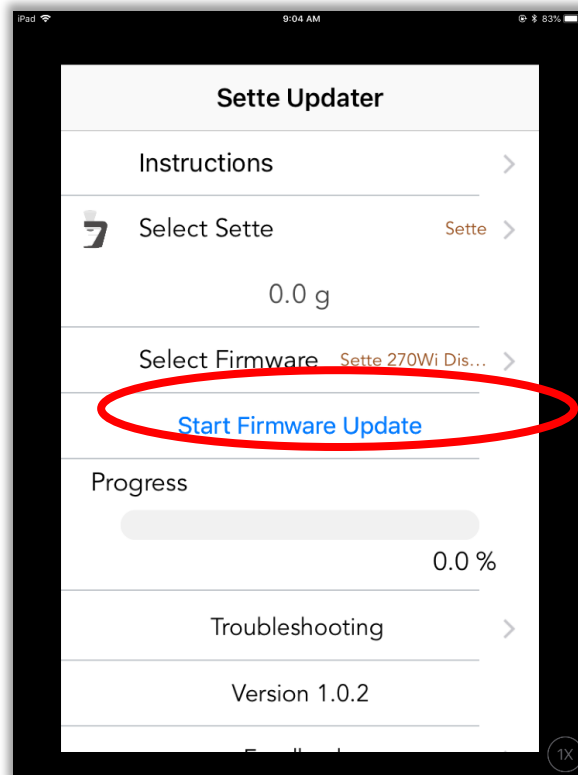
Select your unit.



Go back (by selecting the blue “Sette Updater” text at the top)



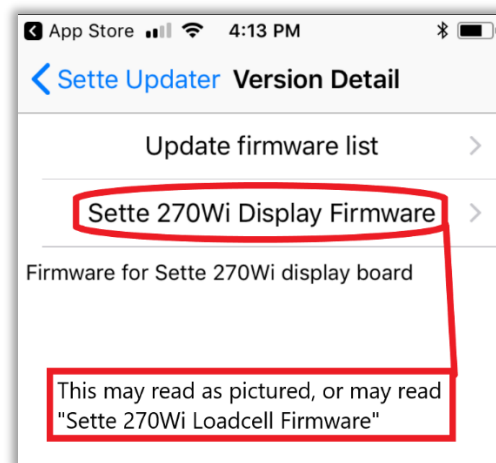
Tap "Select Firmware."



Tap "Update firmware list." The app will automatically update its roster of firmware.

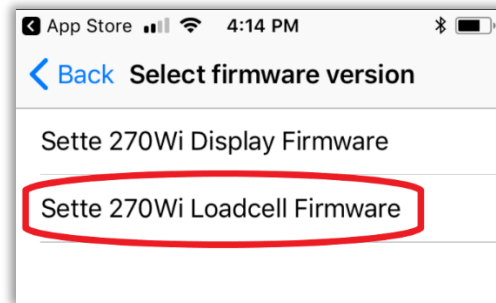
Go back.

Open the firmware list by clicking Sette 270Wi Display Firmware (below)





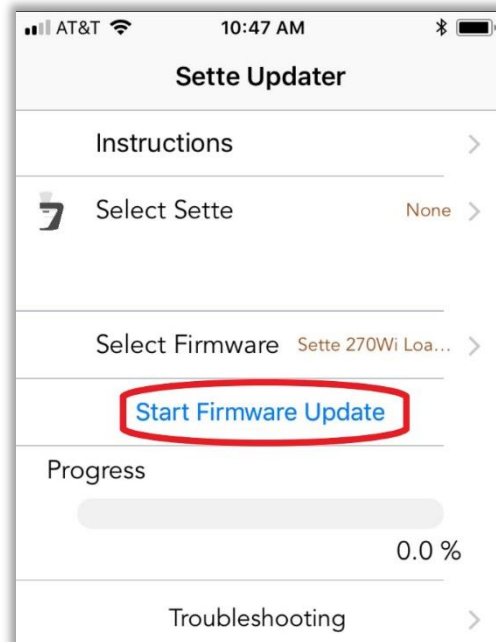
Change the selection to “Sette 270Wi Loadcell Firmware.”



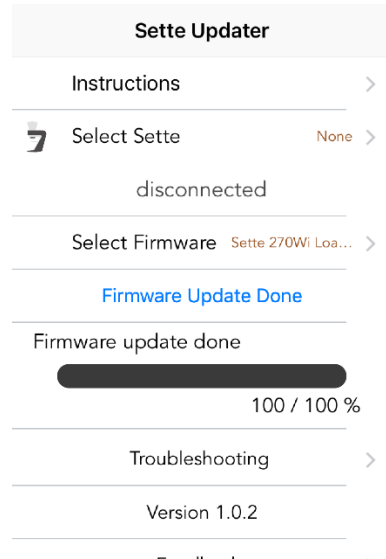
Go back.

Go back again.

Tap “Start Firmware Update”, be patient for 10 seconds as there can be a delay between tapping start and it beginning, and avoid multitasking with your iOS device while the update is processing.



The app will now erase the previous firmware and install the new version. After the app shows Firmware update done 100%, the Bluetooth connection will be ended, and the final step is to unplug and plug back in the Sette.



Your converted Sette 270Wi is now ready to use!
(troubleshooting at end of this document)



Display Firmware Update (not required)

Unplug the Sette
Hold the STOP button
Continue to hold the STOP button and plug in the Sette
Release the STOP button after UP2 is visible on the screen
Open Sette Updater
Select Display firmware
Pair with your Sette
Start Firmware Update
Green light on Sette display should blink rapidly and the grinder will reboot after completion.

TROUBLESHOOTING TIPS

- 1- On powering up, a Sette can take several seconds to become visible in Sette Updater. If you are not able to see your Sette in the app, power-cycle the unit and count down slowly from 10.
- 2- If your Sette is not available on the Updater list, the grinder's Bluetooth signal must be verified. Download BLE Scanner (a free third party app) and verify that there is no BT signal.
 - a. If BLE scanner confirms there is no BT signal, contact support@baratza.com for linear calibration directions. Linear calibration requires (3) 500g scientific weights, available from Acaia or a third party vendor.
- 3- The grinder will enter sleep mode after 4 minutes of inactivity. Be sure to reach step 13: "Start Firmware Update" within 3 minutes of powering on the grinder, as the update can take up to 60 seconds to complete. If your grinder does enter sleep mode during update, you will have to restart the update process.
- 4- If you see multiple Settes during step 4: Select Your Unit, and cannot power-off the extra grinders, select one and briefly tap the convertible device holder. The app will display a live reading at the load cell, which will reflect your tapping. No reading in the app means you are connected to a different unit. If you chose the wrong Sette, close and restart Sette Updater and select the other unit from the list.
- 5- If you experience problems with this process, close and restart Sette Updater, then power-cycle the grinder.
- 6- If you experience repeat issues with Sette Updater, we suggest turning your phone off completely and restarting.

If you have questions or require assistance, please reach out to support@baratza.com