

Procedure for Pairing and Operating the 3 following devices together:

- Bosch **Drive Unit** (CX Gen 5)
- Simano Di2 **derailleur** (RD-M8260)
- Shimano Di2 **switch** (SW-M8250)

The following sequence is critical:

- 1) Connect RD-M8260 to Bosch Drive unit using cable EW-PS300. Connect to High Power Port (yellow/orange) of the drive unit and power the ebike
 - a. Press the function button on the derailleur, and ensure you see the LED illuminate to confirm power (e.g. should get green then blue then 5 red flashes if pressing the button for 1 second)
 - b. If no power, go to a bike shop that has a Bosch diagnostic tool and ask to enable the High Power Port (HPP).
- 2) Pair Switch (SW-M8250) to Derailleur (RD-M8260)
 - a. Ensure power at derailleur and five red flashes when pressing the derailleur function button for 1 second.

Note: if LED stays blue meaning 'pairing mode' (instead of 5 red flashes), this means the derailleur (RD-M8260) is already paired to the drive unit, and it means step b. below won't work. You can either unpair/reset the derailleur (step 5 herein) and continue this procedure, or try pairing the switch to the derailleur using the Shimano E-tube app and jump to step 3.
 - b. Press and hold both shift switches (SW-M8250) simultaneously until the derailleur LED is solid blue, then release.
 - c. Press and hold both shift switches (SW-M8250) simultaneously until the derailleur LED quickly flashes blue then returns to solid blue, then release.
 - d. Press the function button of the derailleur, the derailleur LED should flash green several times indicating pairing is complete
 - e. Operate each switch, the derailleur LED should flash red 5 times every time you operate the switch. (derailleur won't operate yet, not until it is paired with the Bosch Drive unit).
- 3) Pair Derailleur (RD-M8260) to Bosch Drive Unit
 - a. Ensure derailleur is connected to drive unit and bike is powered
 - b. Open the Bosch Flow app on phone and ensure it connected to the ebike.
 - c. Select **Settings** (cog wheel top right), then **Components**, then **Add a new device** (you should see a little '1' number in the 'Other' type, if you don't something is wrong, either bike/derailleur is not powered, or derailleur needs to be unpaired (see step 5 herein), or derailleur firmware is too old, or drive unit software is too old).

Note: This Shimano-Bosch integration was deployed in Oct 2025, so software/firmware older than that might not work.
 - d. The eShift (Shimano RD-M82..) component is now visible in the Flow app (components page) and everything should work.

4) Operate Derailleur

- a. The 2 shift switches on the switch (SW-M8250) operate the derailleur (change gear)
Note: Multi-shift can be enabled/disable and adjusted (slow to fast) via the Shimano E-tube app; press the derailleur button for 1 second to get a steady red LED (indicating pairing mode) and connect with the E-tube app.

- b. The function button on the switch (SW-M8250) cycles the operation mode between Manual, Manual+ and Automatic. The operation mode is indicated by:

- i. The derailleur LED
 - Green for 3 seconds → Manual
 - nothing → Manual+
 - quick green flash → Automatic

Note: in Automatic mode, the 'cadence' can be adjusted on the fly via the flow app ride page, or via the Kiox 400C display.

- ii. The Ride page in the Flow app (showing the speed, riding time, distance, etc) shows the gear number and the mode (M, M+ or A); this page show basically the same info as smart displays like the Bosch Kiox 400C.
- iii. Bosch smart displays like the Bosch Kiox 400C

5) Unpairing/Reseting Derailleur

- a. Open the Flow app, ensure bike is powered and connected to app, then select settings (cog wheel top right), then Components, then the eShift (Shimano RD-M82..), then Remove Component.
- b. Turn the ebike power off, then on again.
- c. Press and hold the derailleur function button for at least 8 second and confirm the derailleur LED start flashing red and green, then release
- d. Confirm derailleur LED flashes green 5 times → unpairing successful. If LED flashes red 5 times → unpairing failed, repeat 3.

Note: You won't be able to re-pair the derailleur to the Bosch system in the Flow app until this is done.

References:

1. Di2 Rear Derailleur Dealer's Manual [DM-MARD011-07-ENG.pdf](#)
2. Di2 and Bosch pairing guide [DM-BES3-01-ENG.pdf](#)
3. E-Tube App [UM-7J4MA-023-ENG.pdf](#)