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FAQ - Classified x SHIMANO



FAQ - About Classified and the Powershift Hub

What is Classified and what makes it different from traditional drivetrain brands?

Classified is a Belgian drivetrain company redefining shifting by replacing the front derailleur with an internal 2-speed hub. This allows riders to enjoy wide gear ranges, higher efficiency with using a large chain ring, better chainline, and instant gear changes—all wirelessly and under full load.

How does the Classified Powershift Hub work and what are its key benefits?

The Powershift Hub replaces the front derailleur with a wireless 2-speed

planetary system inside the rear hub. It shifts instantly—also under full load—between two gear ratios (1:1 and 0.7), improving performance, simplifying the drivetrain, and reducing maintenance.

What are the main advantages of removing the front derailleur with the Powershift system?

Eliminating the front derailleur enhances reliability by reducing the risk of chain drops and enabling faster, more consistent shifting — even under full load. It also brings aerodynamic gains, a cleaner and simpler drivetrain setup, and improved chainline efficiency.

Can Powershift be used with existing drivetrains and shifters?

Powershift works with a wide range of drivetrains, including SHIMANO, SRAM, Campagnolo, and TRP.

FAQ - About the Integration with SHIMANO

How does the SHIMANO integration work? How do I connect Di2 and the Powershift Hub?

You can connect your Di2 groupset to the Classified Smart Thru-Axle via the Classified app, and the Shift Button assignment can be changed within the SHIMANO Di2 App (E-TUBE PROJECT Cyclist) to suite personal preference.

Pairing SHIMANO Di2 with the Classified Powershift system delivers a fully integrated, wireless shifting experience — combining the precision of Di2 with the instant gear range change of Powershift, all without a front derailleur.

Do I need the Classified app?

To set up the Di2 connection, the Classified app is mandatory. The Classified app is also the only portal to update your Powershift's Smart Thru-Axle to the latest available firmware.

Please make sure you are using the latest version of the app, available on both iOS and Android, to ensure full compatibility and access to all features.

Is the integration available for both road and gravel set-ups?

The integration is available for all Di2 group sets.

Does the Di2 integration work with existing 11-speed and 12-speed Di2 set-ups?

The integration works with any existing 11-speed and 12-speed Di2 set-up. For Shimano 11-speed groupsets, a Shimano D-fly unit (EW-WU111B) is required.

FAQ - How the Integration Works

How do I shift the Powershift Hub using Di2 levers?

After connecting the Powershift hub to your Di2 groupset, you can setup the Shift Button configuration in the E-TUBE app by selecting D-Fly channel 3 for upshifting (Shift from 0,7 to 1:1) and D-Fly channel 4 for downshifting (Shift from 1:1 to 0,7)

Do I still need a Classified Handlebar Unit?

No, the Handlebar Unit and the Shift Button become obsolete.

Can I assign buttons to shift the Powershift Hub?

The button configuration is customizable in the SHIMANO Di2 App (E-TUBE PROJECT Cyclist) to suite personal preference.

Can I still use the Classified Shift Button?

The Di2-enabling provides a direct connection to the SHIMANO Di2 shifters. You can assign any of the SHIMANO Di2-buttons, including optional satellite buttons, available in your Di2 set-up to shift the Classified hub, through the E-TUBE PROJECT Cyclist app.

What are the hardware requirements for this Di2-integration? What

components do I need from SHIMANO, what components do I need from Classified?

From Classified, you will need the Classified Powershift Hub + accessories (Torque Support Arm, Smart Thru-Axle, Threaded End); Classified Wheelsets or Powershift-ready wheel sets available on the market; Classified 11-speed or 12-speed SHIMANO-compatible cassettes. Crankset and chainring will be optional and available at Classified.

From SHIMANO, you will need a Di2 11-speed or 12-speed road or gravel groupset (including rear derailleur, battery, wires, shifters, chain, and front brake system). For Shimano 11-speed groupsets, a Shimano D-fly unit (EW-WU111B) is required.

FAQ - How the Integration Works

If your current rear derailleur does not feature a clutch for added chain retention, it is advisable to enhance your group with a chain catcher or similar functioning chain guide for your chain ring set-up.

What Di2 firmware version is required for the integration to work?

The Classified Powershift Hub integration with SHIMANO Di2 requires the latest software version of SHIMANO Di2 to work properly. This applies to all SHIMANO Di2 11 and 12-speed systems like DURA-ACE, ULTEGRA and GRX Di2.

The Di2 components (especially the derailleur and wireless unit) are updated via the E-TUBE PROJECT Cyclist app.

The Classified app is also up-to-date and properly paired with the Smart Thru-Axle.

I already have a Classified Powershift Hub. Can I connect to Di2?

Yes, Connecting the Classified Powershift Hub with SHIMANO Di2 is done via the Classified App.

Connect the Smart Thru-Axle with the Classified App, and make sure the latest firmware version is downloaded.

Then, add the SHIMANO Di2 shifter and follow the pairing procedure.

Lastly, you need to configure the shift button setup in the E-TUBE PROJECT Cyclist app by selecting D-Fly channel 3

for upshifting (shift from 0,7 to 1:1) and D-Fly channel 4 for downshifting (Shift from 1:1 to 0,7), or customise if needed.

Will the Di2 battery life be affected by using the Powershift enabling?

The Powershift system operates on its own separate battery housed in the Classified Smart Thru-Axle. It does not draw power from the SHIMANO Di2 battery. The integration between Di2 and Classified is based on wireless signal transmission, not power sharing.

FAQ - How the Integration Works

Can I use the Hub in conjunction with SHIMANO' Synchronized Shift?

Currently, SHIMANO's Synchronized Shift mode is not compatible with Classified's Powershift technology. We provide manual shifting with Di2 for the best integration and control over both front and rear shifting. This setup ensures optimal performance while maintaining the seamless experience Classified is known for.

Will the integration void warranty?

Both SHIMANO and Classified components will be fully covered by their respective warranties.

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Thank you.

