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3. Input Wizard for PPM remote

Submitted by frank on Fri, 2019-05-24 13:41

Configuration of your VESC® or VESC® based ESC using the VESC®-Tool Software.

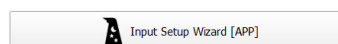
In this tutorial we will configure a single, genuine VESC® motor controller in combination with a PPM signal based radio controller in *Current No Reverse with Brake* mode.

Make sure to use the latest VESC-Tool version!

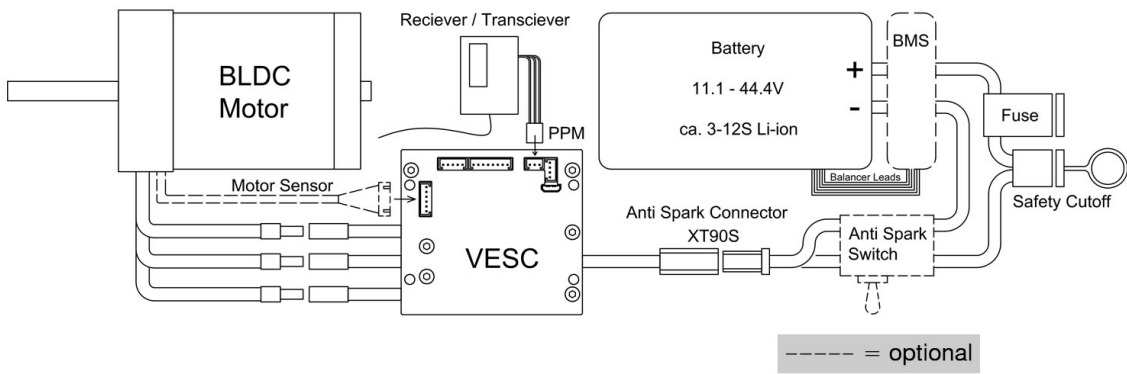
Download from http://www.vesc-project.com/vesc_tool



**The Input Setup Wizard in detail.
Single VESC, PPM input signal,
„Current No Reverse With Brake“ mode**



Connect your VESC® according to the wiring digram shown in the manual.



DESKTOP via USB

The screenshot shows the VESC Tool desktop application. A red arrow points to the 'Welcome & Wizards' section. Text overlays include: 'We are here: Welcome & Wizards', 'Power up VESC and connect to computer via USB cable', 'Then press Auto Connect', and 'connection status'. The 'AutoConnect' button is highlighted with a red arrow. The status bar at the bottom shows 'Connected (serial) to COM10'.

Mobile, wireless connection

The screenshot shows the VESC Tool mobile app. Red numbers 1, 2, and 3 indicate steps: 1. Select VESC BLE, 2. Select VESC BLE, 3. Connect. The 'CONNECT' button is highlighted with a red arrow.

DESKTOP via USB

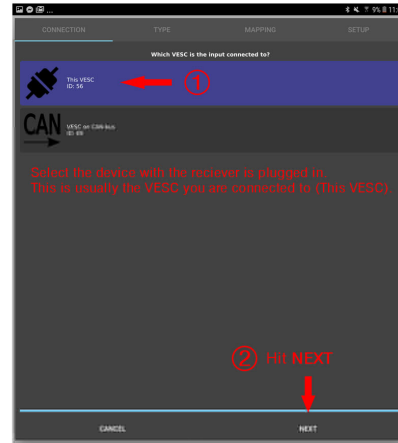
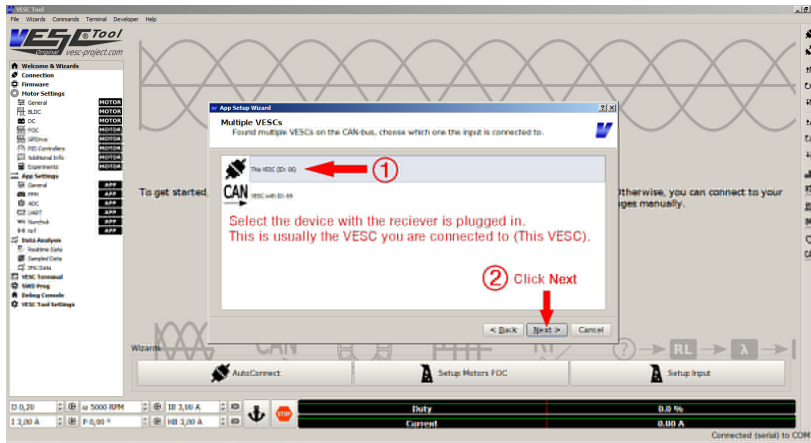
The screenshot shows the VESC Tool desktop application. A red arrow points to the 'Start Input Wizard' button. The status bar at the bottom shows 'Connected (serial) to COM10'.

Mobile, wireless connection

The screenshot shows the VESC Tool mobile app. A red arrow points to the 'Start Input Wizard' button. The 'INPUT' button is highlighted with a red arrow.

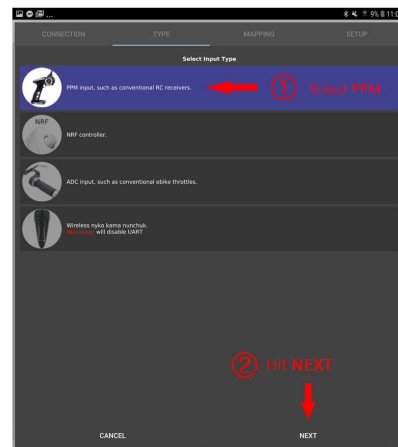
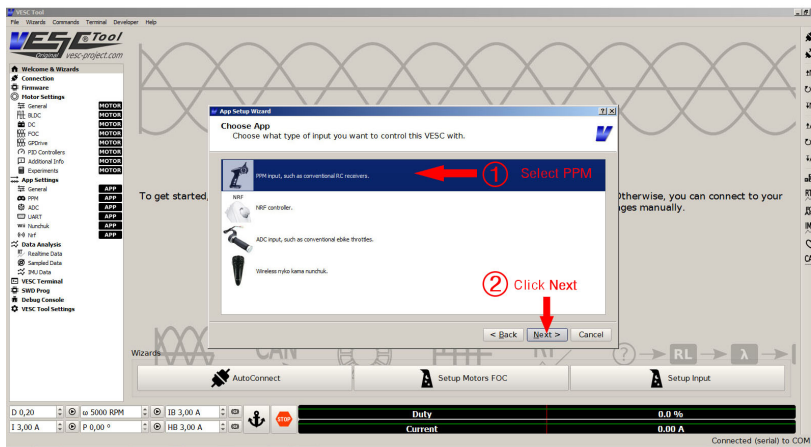
DESKTOP via USB

Mobile, wireless connection



DESKTOP via USB

Mobile, wireless connection



Make sure the remote controller is switched on and is **set to fastest mode** if such a feature is present on your remote.

Example: On the Maytech V2 remote you can press the on/off button again to switch in between Mode 1 (slow blinking) and Mode 2 (fast blinking). We want the fast blink mode now.

Other remotes simply have a switch for modes.

When using the remote you can use different modes to adjust the power level. We recommend stay in the fastest mode only and adjust power levels via the VESC-Tool App **PROFILES** only!

DESKTOP via USB

Mobile, wireless connection

DESKTOP via USB

Mobile, wireless connection

DESKTOP via USB

Mobile, wireless connection

Congratulations, your VESC is now ready to operate. If you like you can follow the [Additional settings](#) manual for further improvements.

