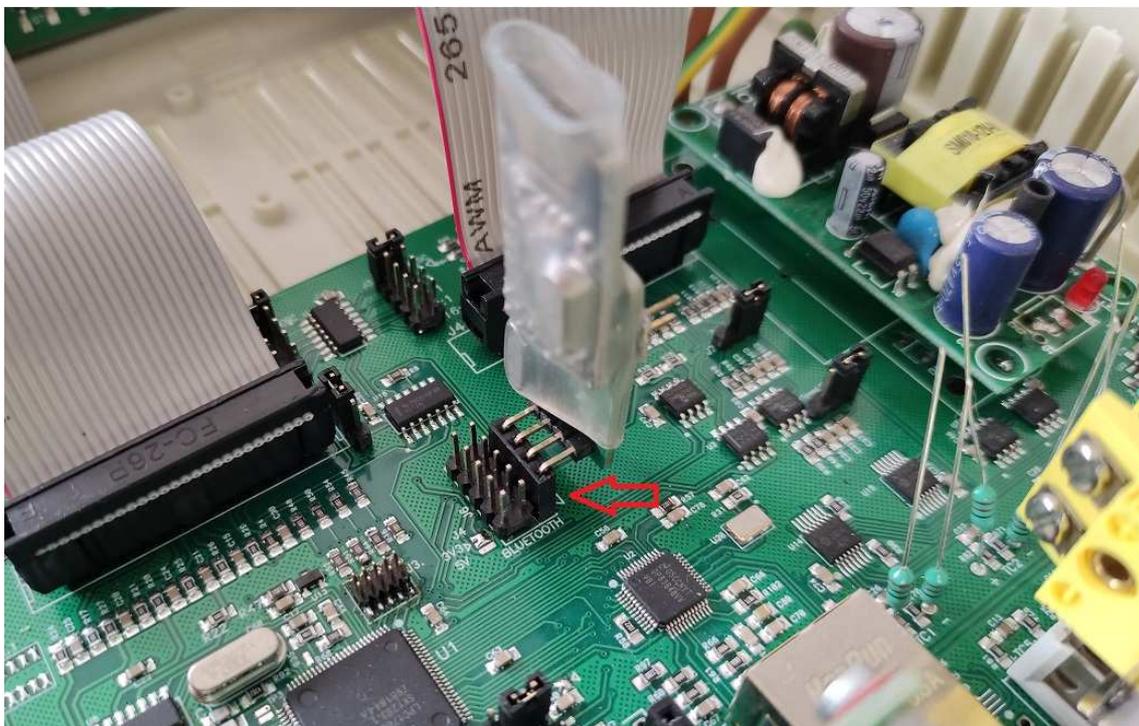


SportDevices Remote



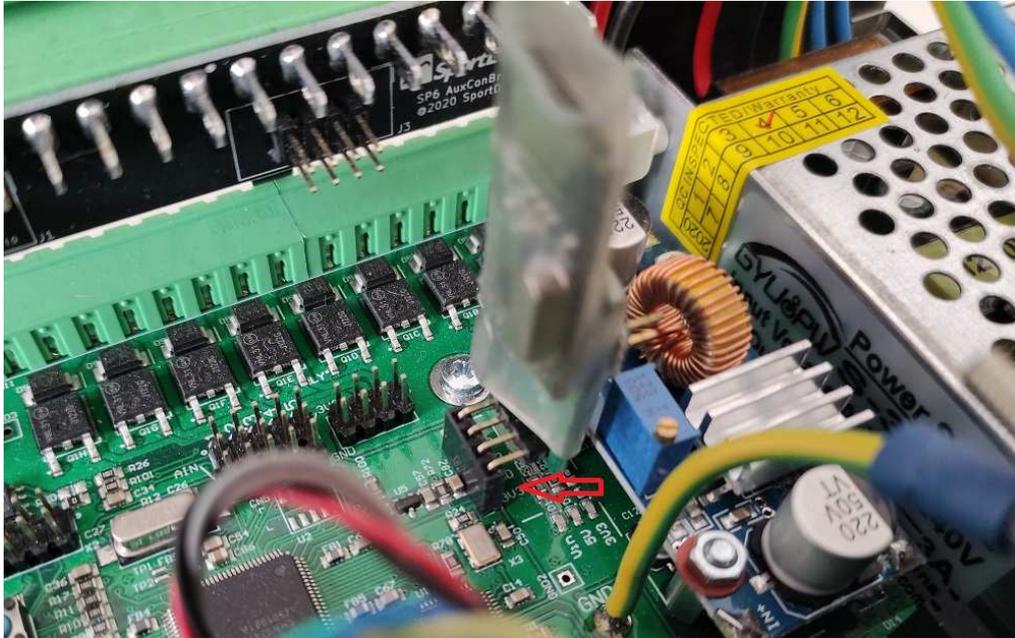
Installation in SP5 and SP1+

- Install receiver as shown in the picture. Note that only Receiver or Bluetooth adapter can be installed at once
- Switch Remote ON. Note that remote is envisaged to be **always in the ON position**. OFF position is only provided for transport and long time storage



Installation in SP6

- Install receiver as shown in the picture. Note that in most SP6s only Receiver or Bluetooth adapter can be installed at once. There are a few newer SP6s with two slots, if the PCB has a slot with the label "Remote" then better use this slot
- Switch Remote ON. Note that remote is envisaged to be **always in the ON position**. OFF position is only provided for transport and long time storage



There also exists a receiver with a long antenna, it is envisaged to be installed outside an electric metallic cabinet. The connection with the SP6 is done using the external COM1 (DB9)



KEYS:

Remote provides:

- 8 keys for relays,
- 3 keys for direct operation on speed controller (Steady mode, RPM UP, RPM DOWN),
- 2 keys for SW operation (Next and Cancel),
- and Panic/Emergency Stop Button

Remote LED flashes green when pressing a key and the data is received and confirmed by the Receiver

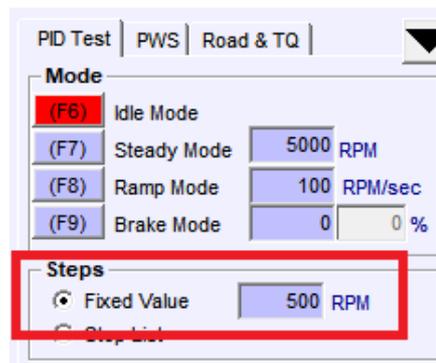
Most keys have a direct effect on the SP5/6 even when computer is not connected.

RELAYS:

- **Ignition:** this function is mainly used in engine dynos. Certain operations (as pressing the panic button) will cause the engine to stop
- **Starter:** this function is mainly used in engine dynos. It will work as momentary-ON switch. Keep it pressed until engine starts.
- **Fans and Func** buttons: general purpose relays, toggle type.
- **Bed-in** and **Bed-out:** When SP5/6 is in **car-dyno** mode (by default) keys will work as momentary ON type
- **LIFT** button will only work if the dyno is stopped

Speed Control:

- **Steady mode,** firstly the "Steady" button has to be pressed then use RPM UP/DOWN. **The step value is set in the software at PID monitor:**

**SW Buttons:**

- **'Next'** button: it has the same effect as the start/stop button which is normally used in Motorcycle and Engine dynos, but from the Remote
- **Back/Cancel** button: A menu is shown with several options, including the **Ratio Calibration Window**. It can be assigned to work only with the Ratio calibration (as the older SW versions)

Panic Button:

It causes SP5/6 enter Panic / Emergency Stop mode. A fixed value will be applied to brake (by default 40%) and a red message will be shown in the software, until rollers are totally stopped.