

SiTech Bluetooth to Serial Adapter

Rev 10/20/2025

Thank you for purchasing the SiTech Bluetooth to serial adapter. This device comes pre-configured for your servo controller. Below are instructions for connecting the device. If you have questions that aren't covered in this document, please contact us.

Connecting:

If you are using a Servo I controller, simply plug the adapter into the serial port.

If you are using a Servo II controller, you will need to remove the enclosure cover. On the top, left side of the PCB, are two pins. There should be a jumper on one of them. Place the jumper so that it is across both pins. Replace the enclosure cover.

Pairing:

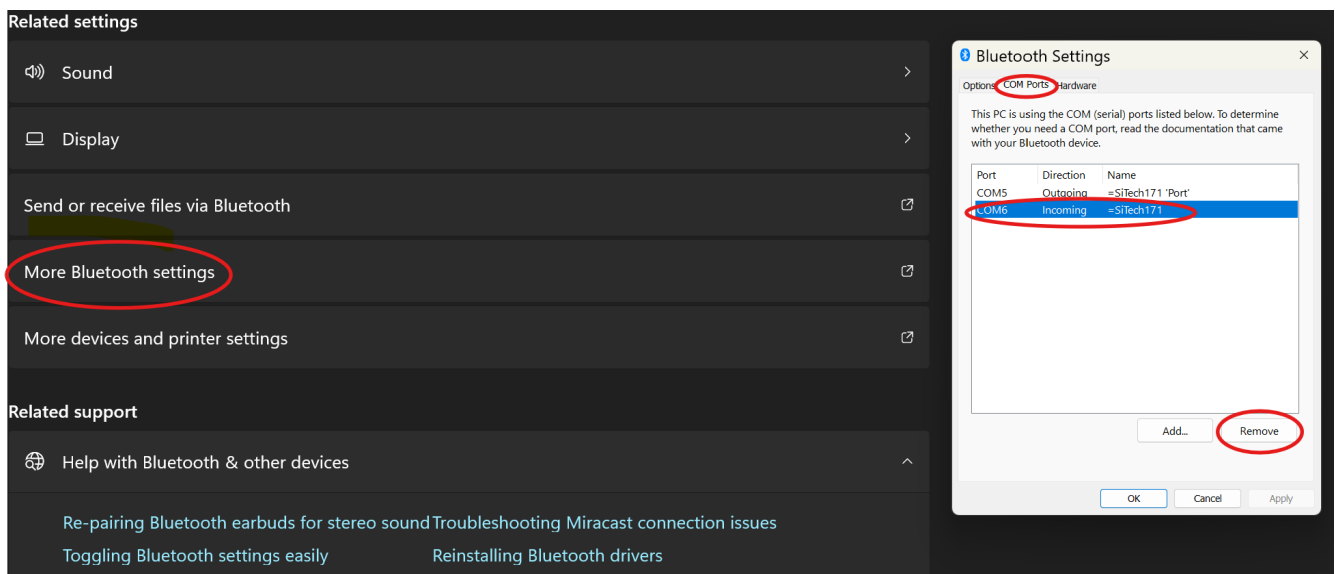
Steps to pair the adapter will vary depending on the device you are using. If you are unsure how to enable Bluetooth and pair, please refer to your laptop, tablet, or phone manual.

Plug in and turn on your servo controller.

Your new adapter will appear as 'Sitech####' (where '####' is a 3 digit serial number) in the list of available devices on your laptop, tablet or phone. Click 'Pair' and you'll be asked for a password. The password is: **1234**

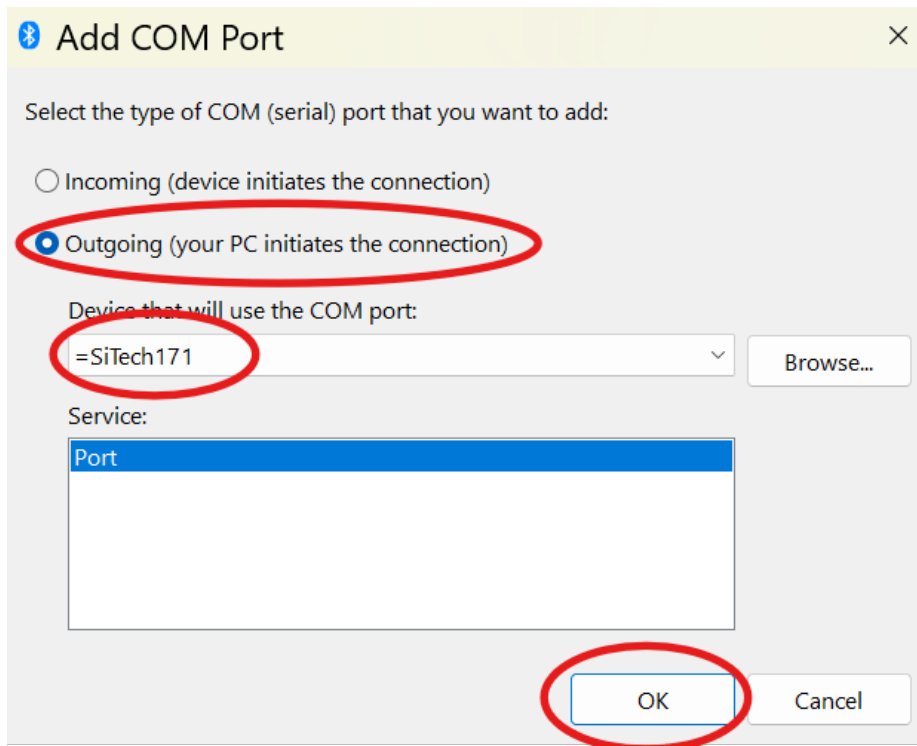
If you'd like your device programmed with a custom password or name, let us know when ordering.

Windows will usually assign two COM ports to the device when it first connects. To confirm this, under Windows **Bluetooth & Devices>Devices**, scroll down until you see **More Bluetooth Settings**



Click the **COM Ports** tab in the window that appears. Typically you will see two COM ports listed here, one Incoming and one Outgoing. You can select the **Incoming** port and click **Remove**. This one isn't used and selecting it in ServoConfig can lock up the software.

If you don't see any COM ports here, you can click **Add**



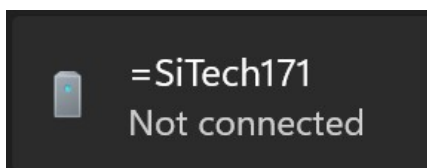
Then select **Outgoing** and your [device name] then click **OK**. This will create the outgoing COM port you will select in software.

Third Party Applications:

Our controllers require Sitech.exe as a translator for ASCOM commands. The exception is SkySafari. SkySafari understands SiTech Serial Protocol (For more info on SiTech Serial Protocol, see the Support section on our webpage). To connect to SkySafari, go to **Settings>Telescope>Setup>Scope Type**. Scroll down to **SiTech controller**. Make sure the **Connect via Bluetooth** button is checked. Now you can go back to the SkySafari homescreen and click **Connect**.

Troubleshooting:

Windows will display a Not Connected status until you establish a serial connection to the controller. If you see the following message it does not mean your device isn't paired/connected to Windows, it just means there is not an active connection with any software.



Sometimes Windows struggles to regain connection after the controller/bluetooth adapter are powered off. If this happens, try turning your device's bluetooth off and then back on again. Once restored, you should be able to re-establish a connection. Clicking **Cycle Comm Port** in SiTechExe can speed up the reconnect.

