

Bluetooth® Installation

Prosthetist Information

GridConnect Wireless Bluetooth® Installation

Bluetooth® Connection Kit (p/n 5010037)

Figure 1 – Bluetooth® Firefly Transceiver plugs into the Utah Arm U3, U3+, ProControl 2 and ProPlus Hand or ETD.

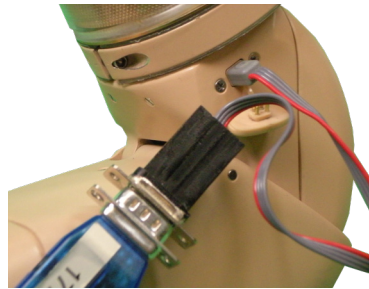
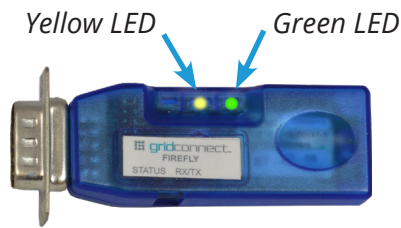


Figure 2 – Adapter for Firefly Transceiver to Utah Arm connection

Figure 3 – USB Adapter (dongle) plugs into your Windows computer (may differ from picture).



Figure 4 – Software may come on a CD with your device. It can also be easily downloaded from the Fillauer website.



Introduction

The Firefly offers the ability to have Bluetooth connectivity with the Legacy Motion Control User Interface used with the Utah Arm U3 and U3+. This system can be used with Windows v.7+ and is configured using the computer's internal Bluetooth communication.

Instructions

1. For Windows OS, plug the USB adapter (dongle) into a USB port on your computer, and it will automatically be detected. *We recommend you always use the same physical port.
2. If this is the first time using the Firefly device on this computer, you will need to pair the device. Plug the Firefly into the 4-pin connector on left side of the elbow (see figure 2). Turn the elbow on and the Firefly should have yellow and green flashing LEDs. Note: The yellow LED should be on solid, and the green LED should be blinking. If LEDs are off, check that the battery is charged. If LEDs statuses are different than indicated, power cycle the arm or unplug the Firefly and plug it back in.
3. In the Settings menu of your PC, go to Devices > Bluetooth and Other Devices; click "Add Bluetooth or Other Device". Locate the Firefly's distinct address (located on the Firefly) and click on it.
4. Enter the pairing code (1234) and click "Next".
5. Close this window, and open the Motion Control 5.3.1 Software, taking care to open the program not the simulation version.
6. Select "Utah Arm", hit "Next" and the program will attempt to connect to the Firefly. On the next screen click "Start Scan".
7. The program will search for an available Com Port, once it finds one, wait a few moments. On the next screen click "OK" and the arm will connect.
8. The next time you connect to the elbow, the system should remember the Com Port and easily connect.

Troubleshooting

If upon powering up the elbow, the lights do not flash on the Firefly:

- Check that the arm is turned on.
- Check that the arm battery is fully charged.
- Check the connection at the plug going into the elbow.
- Check the serial port connection between the Firefly and the adaptor that plugs into the elbow.

If Motion Control 5.3.1 cannot find a port:

- Power all the devices down, disconnect everything and start over.
- If you still have issues call Fillauer Motion Control, we can guide you through the Device Manager to help set it up.

The Laptop does not have internal Bluetooth:

The Firefly does come with a dongle for these situations. In that case, plug in the dongle to the USB and the set up should be much the same. Call Motion Control for assistance.

Important Tips

- Always use the same computer USB port when you plug in the USB Adapter (dongle). If you use a different USB port, Windows may need to install the adapter again.
- If your computer's internal Bluetooth® does not communicate with the Firefly device, please use the GridConnect USB adapter (dongle) provided, following the installation directions above.
- If your computer currently has ANYCOM installed for the Ottobock C-leg, make sure the ANYCOM device is disconnected from your computer.

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