

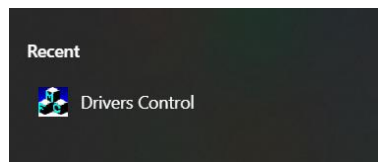
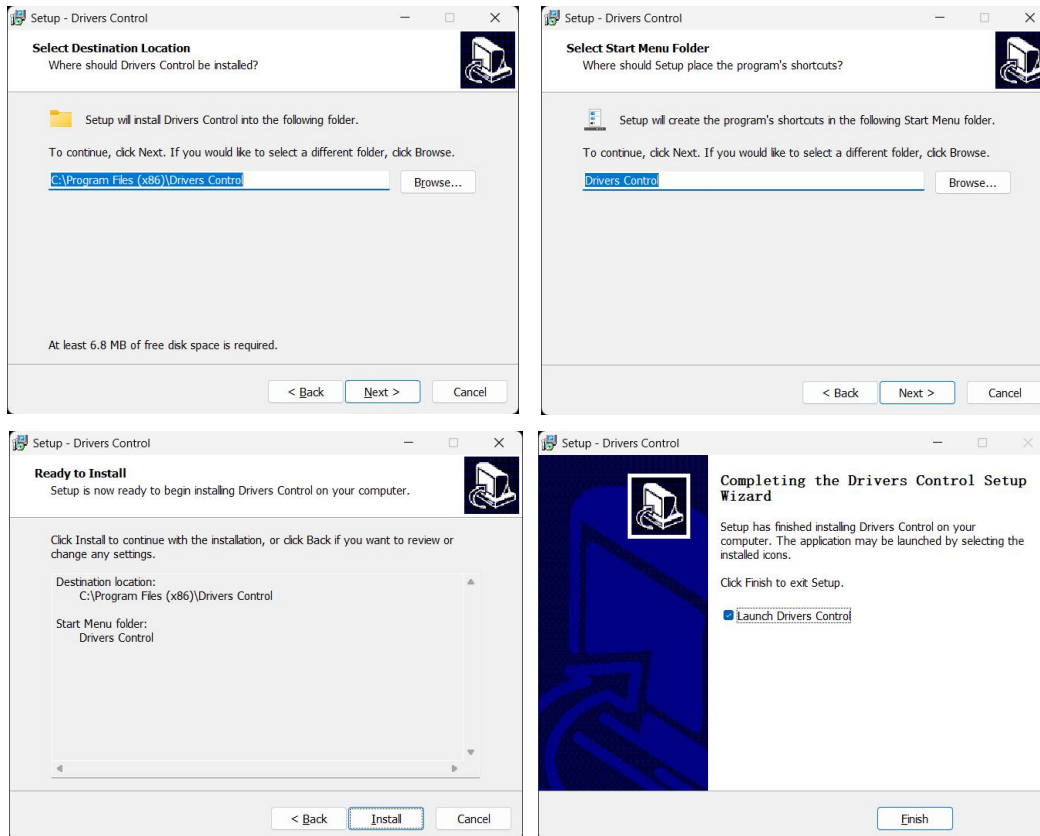
AOTF Control Software Installation Guide

Generic Version

1. Installation Overview

1. Install "2-setup" first. If the control program works immediately, you may skip the remaining steps.

 2-setup.exe



2. If the program does not work, install "1-USB to Serial Port Driver" first, then install "2-setup".

2. USB-to-Serial Port Driver Installation

Four types of USB-to-serial drivers are provided. Install the one that matches your system.

2.1 Preferred Win11 Driver

Run the executable file in the driver folder. This driver resolves most USB port issues on Windows 11. After installation, connect the USB cable between the computer and the driver, then power on the driver. A new COM port should appear in Device Manager. If the port number is very large, you may change it by double-clicking the port and selecting a new number in the Port Settings tab.

2.2 FT Preferred Driver

Connect the USB cable between the computer and the driver, power on the driver, and open Device Manager. You should see an unidentified USB device as shown in Figure 1.

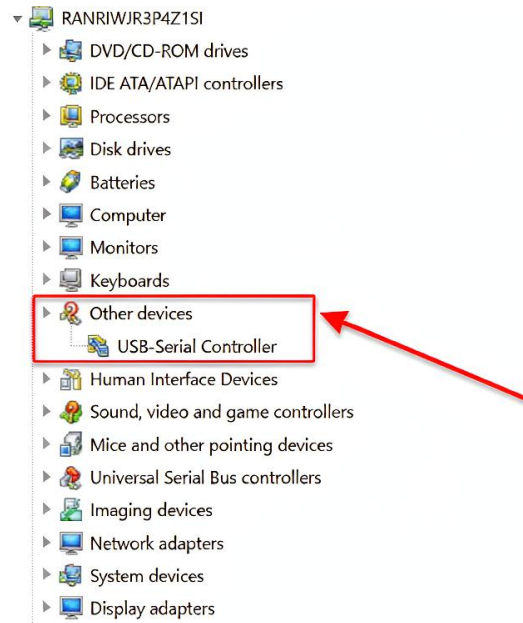


Figure 1 Unidentified USB-Serial Controller in Device Manager

Double-click the unidentified device, choose Update Driver, and browse to the directory "\\1-FT Preferred\CDM v2.08.30 WHQL Certified" to search for the driver.

2.3 FT Driver

Two installation methods are available:

- Method 1 – Installer: Double-click the .EXE installer. After installation, plug in the device and it will be recognized automatically. If the "AOTF Driver Generic Control Program v1.5" does not work properly, try Method 2.

- Method 2 – INF file: Plug in the device, run the driver installation wizard, and point to the folder containing the INF driver files. It is recommended to install twice consecutively.

2.4 PL Driver

Run the executable "PL-2303 Driver Installer (recommend)" and follow the prompts.

3. Control Program Installation

Double-click the executable "2-AOTF Driver Generic Control Program 2.0" and follow the installation wizard.

4. Additional Notes

4.1 COM Port Selection

After installing the USB driver and the control program, connect the driver to the computer via USB and power it on. A new COM port (COMx) will appear in Device Manager, as shown in Figure 2.

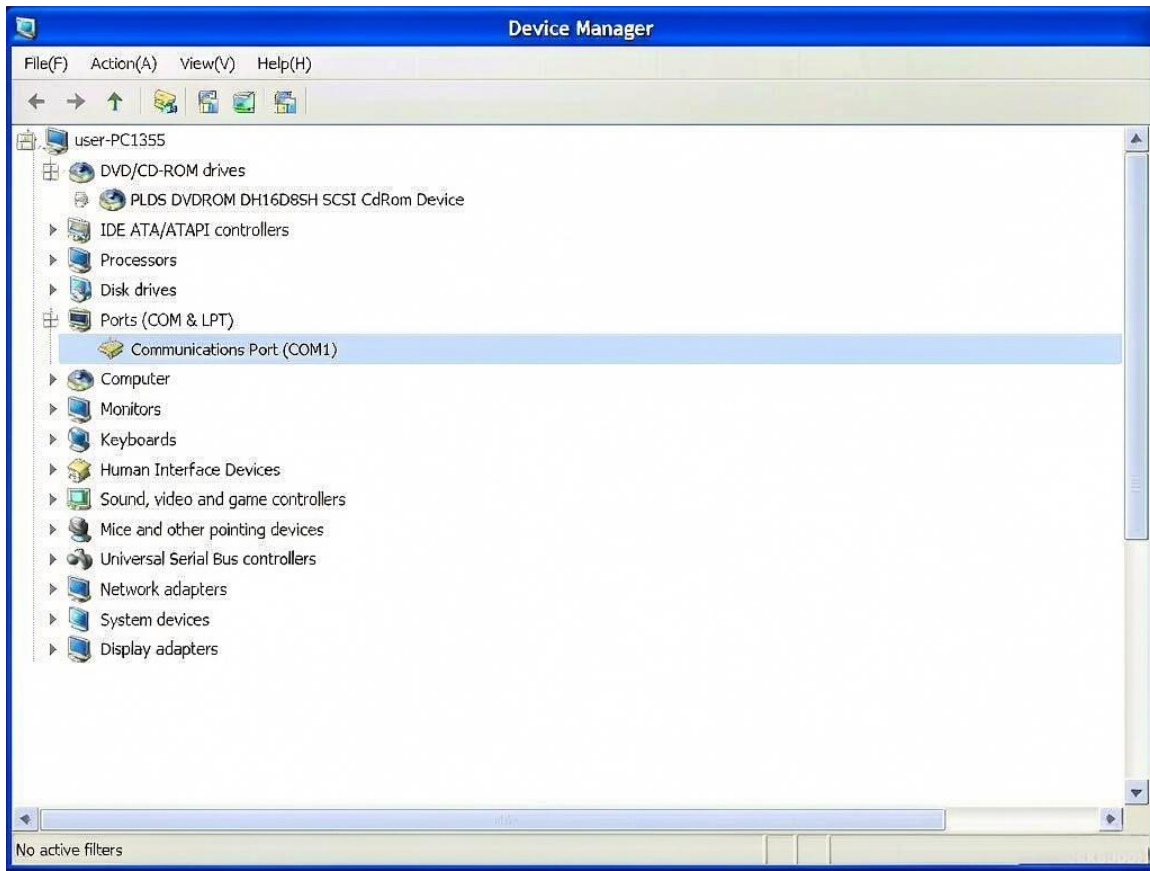


Figure 2 COM Port in Device Manager

Select the corresponding COM port in the control program.

Tip: After each power cycle of the driver, you do not need to close the control program. Simply re-select the COM port and the program will resume normal operation.

4.2 Frequency Range

The "2-setup" generic program supports a frequency control range of 10 – 400 MHz. Because user requirements differ, the actual operating frequency of each driver also differs. Set the working frequency according to the product datasheet. RF power is output only when the entered frequency falls within the specified range; outside the range, no power is produced and the AOTF device will not be driven.