Installing the Arduino Mega Driver on Windows 10

**Goal:** Installing the Arduino Mega device driver on Windows 10.

LANforge CT70x attenuators require recently signed Arduino drivers. The automatic driver install process for Windows 10 might automatically install a Microsoft Windows version of the Arduino Mega driver. This is not the driver LANforge expects. These instructions will guide you through uninstalling an old driver and installing the new driver from the Arduino website.

1. If you have recently removed a driver, you might need to reboot your Windows system for it to complete the driver installation process.

2. You want to install the windows version of the LANforge Server beforehand. For more information see [Installing LANforge Server on Windows](#).

3. Follow the link to the Arduino project to download the latest driver: [Download Arduino IDE](#).

3. Download the Arduino IDE zip file to your desktop. Use **Right-click→Extract All...** to expand the contents to a folder on your desktop.
4. This process requires you to operate the Control Panel as Administrator.

5. **Getting to the Device Manager**
   A. Type `Control-F` for Find
   B. Search for Device

   ![Diagram of Control Panel with Device Manager highlighted]

   - **Device Manager**
   - **Network and Sharing Center**
   - **AutoPlay**
   - **Sound**
   - **File History**
   - **BitLocker Drive Encryption**
   - **Administrative Tools**

6. C. Select **Device Manager**
D. In the Device Manager window, right-click on the computer and select **Scan for hardware changes**

6. If you find a previously installed driver, uninstall it. Especially if this is labeled **Windows Arduino Mega**
   A. Right-click → **Uninstall**
B. Select Delete the driver software for this device, and click OK

C. Right-click on the computer, and select Scan for Hardware Changes

D. You might need to unplug and plug-in your Attenuator.

E. If the right-click options menu does not allow you to change drivers, reboot your system.

7. Install the Arduino IDE Driver

A. In Device Manager, you want right-click on the Unknown Device and select Update Driver Software...

B. Select Browse my computer for driver software:
How do you want to search for drivers?

→ Search automatically for updated driver software
  Windows will search your computer and the Internet for the latest driver software
  for your device, unless you've disabled this feature in your device installation
  settings.

→ Browse my computer for driver software
  Locate and install driver software manually.

A. Browse to Desktop\arduino-1.8.9\drivers and click OK
B. Click Next

→ Browse for drivers on your computer

Search for drivers in this location:

[C:\Users\reymonds\Desktop\arduino-1.8.9\drivers]  
Browse...

☑ Include subfolders

→ Let me pick from a list of available drivers on my computer
This list will show available drivers compatible with the device, and all drivers in the same category as the device.

C. You will see the Update Driver Software confirmation. Click Close.

← Update Drivers - Arduino Mega 2560 (COM4)

Windows has successfully updated your drivers

Windows has finished installing the drivers for this device:

Arduino Mega 2560

C. You should not need to reboot your system in order to run the Attenuator.