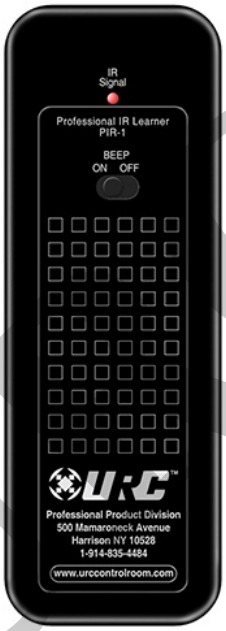
Updating the PIR-1 Firmware

Last Modified on 10/01/2026 4:18 pm EDT

When connecting a **PIR-1** to URC Accelerator or Complete Control Program software, it requires a Firmware Update, however, when the steps are followed, the update fails every time.

The following article details the process to **update the firmware** of the **PIR-1** Professional IR learner.
Note: This article details a Windows 10 OS installation



Updating the PIR-1 Firmware

Symptom: When connecting a PIR-1 to URC Accelerator or Complete Control Program software, it requires a Firmware Update, however, when the steps are followed, the update fails every time.

Reason: The chipset within the PIR-1 needs to be updated to work with the latest version of URC software.

Solution:

Here are the steps to resolving this issue:

1. Go to **FDTI** (chip manufacturer) website: https://ftdichip.com/
2. In the left-hand column select **DRIVERS**
    a. In the **DRIVER** section, select **D2XX Drivers**

3. In the software chart, find the **Windows** section

    a. Select either **X86 (32-Bit)** or **X64 (64-Bit)** based on your PC processor type

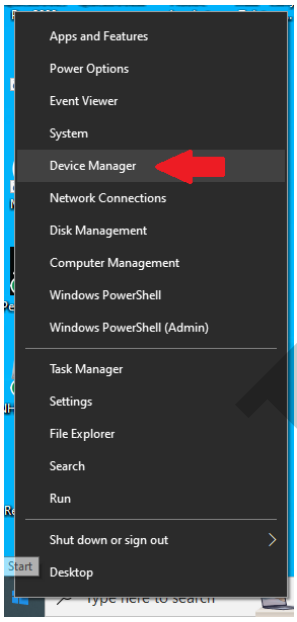
Currently Supported D2XX Drivers:

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		Processor Architecture					
Operating System	**Release Date**	**X86 (32-Bit)**	**X64 (64-Bit)**	**ARM**	**MIPS**	**SH4**	**Comments**
Windows (Desktop)*	2021-07-15	2.12.36.4	2.12.36.4	2.12.36.4A*****	–	–	WHQL Certified. Includes VCP and D2XX. Available as a setup executable Please see the Release Notes and Installation Guides.
Windows (Universal)****	2021-11-12	2.12.36.4U	2.12.36.4U	–	–	–	WHQL Certified. Includes VCP and D2XX.
Windows RT	2014-07-04	1.0.2	–	1.0.2	–	–	A guide to support the driver (AN_271) is available here

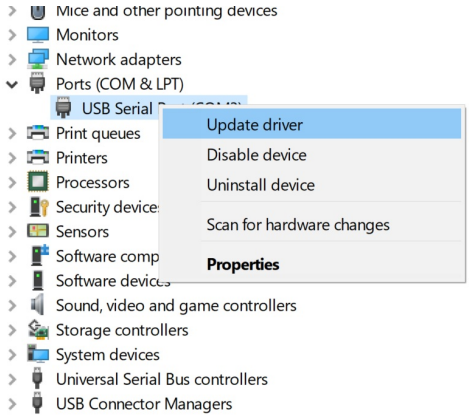
4. **UnZip** downloaded file to a designated location/folder

5. Go to **Windows Device Manager on your PC**



    a. Select the **COM Port (Ports)** section

    b. Right-click on **USB Serial Port**

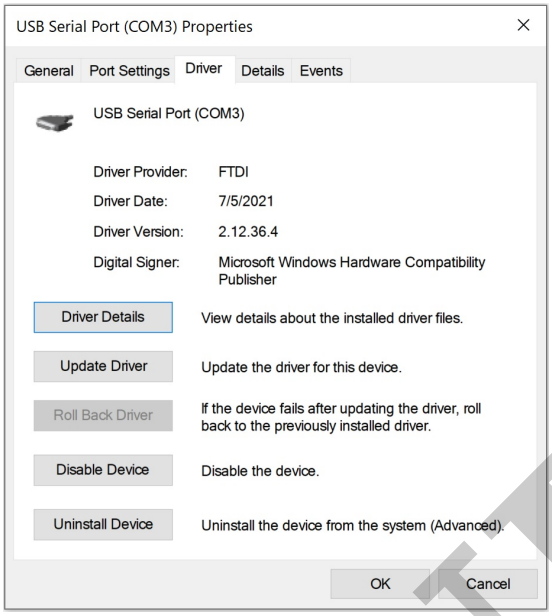


URC

c. Select **Update Driver** for USB Serial Adaptor

d. Select **BROWSE** for **FOLDER** and direct Device Manager to the previously designated folder for the file. Install the new driver.

e. Verify that the correct driver is now installed:



6. Open URC software and try the PIR-1**Firmware Update** again

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Thanks to Hopeton A. Barnett in URC Tech support for this tip.

Additional Information & Resources:

To learn more about Accelerator 3 configuration and programming, please see the Accelerator 3 online **Programming Guide**.