

IF you have not already installed Minitioune:

Unzip the file in a Minitioune directory and follow these instructions:

Installation

1. I suppose that you have firstly :

- Installed the FTDI driver by running the software:
CDM v2.12.06 WHQL Certified.exe
- You have changed the setup of your mini module FT232H using FTprog.(explanations here:
<http://www.vivadatv.org/viewtopic.php?f=80&t=379>
(ALREADY DONE with a MINITIOUNERPRO or mini-module sold by BATC)
- Test your MiniTiouner using **TestMyMiniTiouner_v1_3b** or **TestMyMiniTiounerPro_v0_1a**
You must get 0 error.

2. You have now 2 steps to do :

a) Download and installation of « LAVfilters »

Go to : <https://github.com/Nevcairiel/LAVFilters/releases>

Download last version : [LAVFilters-0.68.1-Installer.exe](#)

Run it and let the installation of video decoder , audio decoder and TS splitter.

b) Installation of usrc.ax Directshow filter

The file **usrc.ax** must be in the Minitioune directory.

You have also the software: « install_usrc_ax_WinXP.exe »

- If you are working under win XP or Win10 , you have just to run this software in administrator mode.
- If it doesn't work or you are using another version of Windows:
 - Run **GraphStudioNext** in administrator mode (right click ...)
 - Go to **Graph** → **insert Filter**
 - You have opened a new window: **Filters**, you click at the top right on **Register**
And you link to **usrc.ax** which is in the Minitioune directory
 - Reboot your PC

3. You can now check that all is well installed using the software

CheckMiniTiounerDriverAndFilters_V0_3a

You must get all Leds Green, so you are now ready to use Minitioune software

(*) Download and installation of GraphStudioNext**

go to : <https://code.google.com/p/graph-studio-next/>

Download the last version.

There is no installation..

This software will allow you to read the .grf files used by Minitioune.

These are graphs that show us the structure of decoding and rendering TS data.

This software will help you to install easily Directshow filters like **usrc.ax**