

## Firmware Update Procedures

### DAC-70

This document provides procedures for updating the DAC-70 Up Down Cross Converter.

### Updating the DAC-70 UP Down Cross Converter Firmware

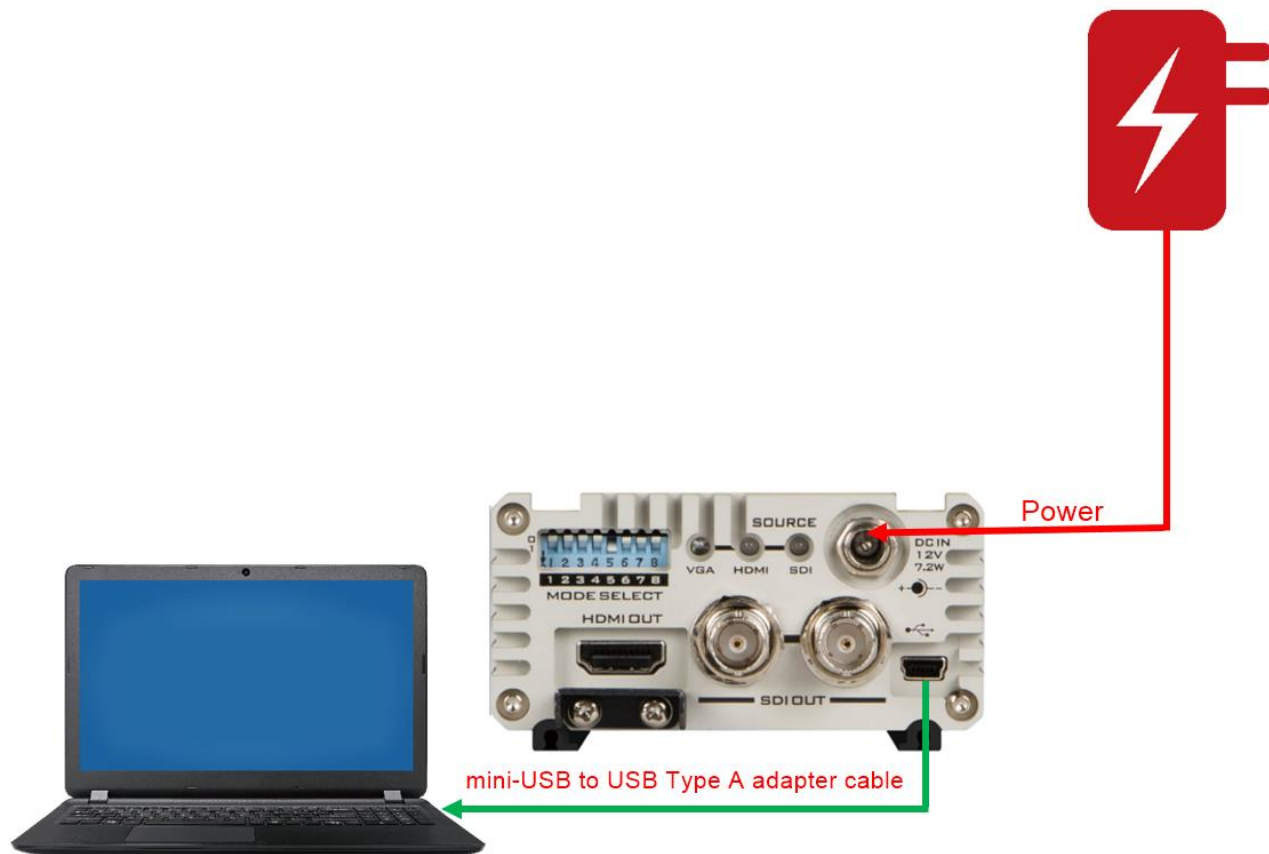
#### What items you should prepare before updating the firmware

- The latest DAC-70 firmware update zip file x1.  
The latest firmware zip file can be downloaded from the DAC-70 product page of the Datavideo official website <https://www.datavideo.com/product/DAC-70> . After the downloaded firmware zip file is unzipped, you can see two firmware files. Moreover, you can see the “**DAC-70 Center V1.0.9.0.exe**” in DAC Center V1.0.9.0 file folder and “**DataVideo Upload Programmer V2.0**” in DataVideo Upload Programmer V2.0 file folder.  
➤ **DAC-70 firmware files:** DAC70-FW-2103.N26 & DAC70-FW-0141.BIN
- Upload Programmer V2.0 software x 1
- Windows PC with USB 2.0 port x 1
- USB type A to micro USB adapter cable (USB 2.0) x 1
- DAC-70 x 1
- 12V power adapter x 1

This document describes how to perform firmware update on a **Windows** computer.

## System Connection Diagram

### DAC-70




[Checking the Firmware Version](#)

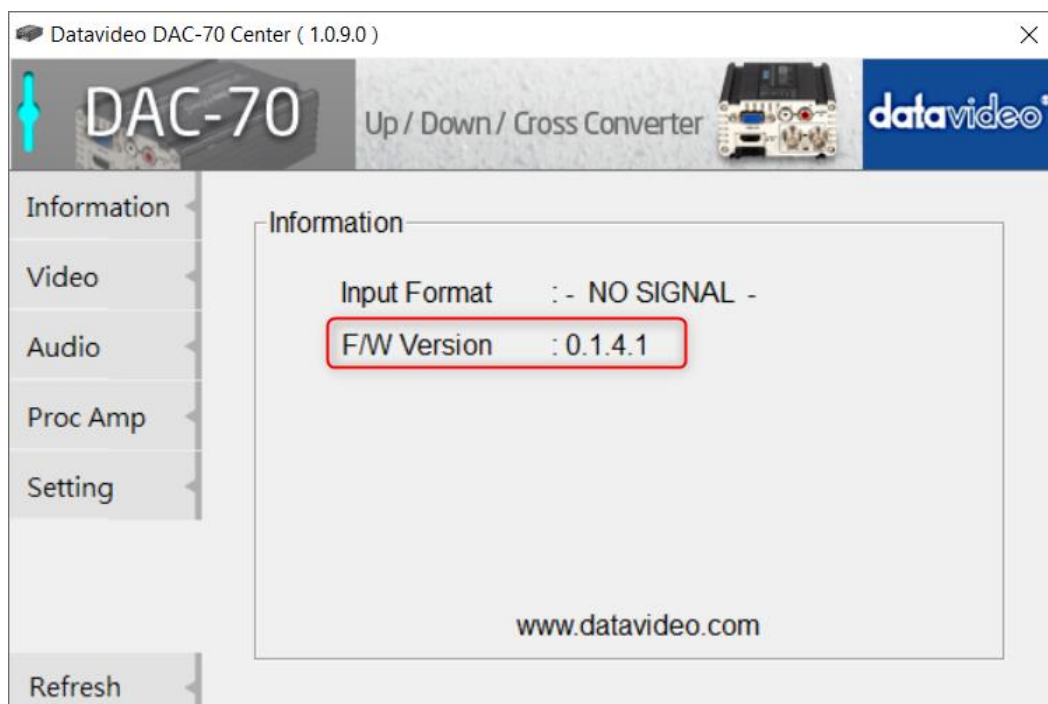
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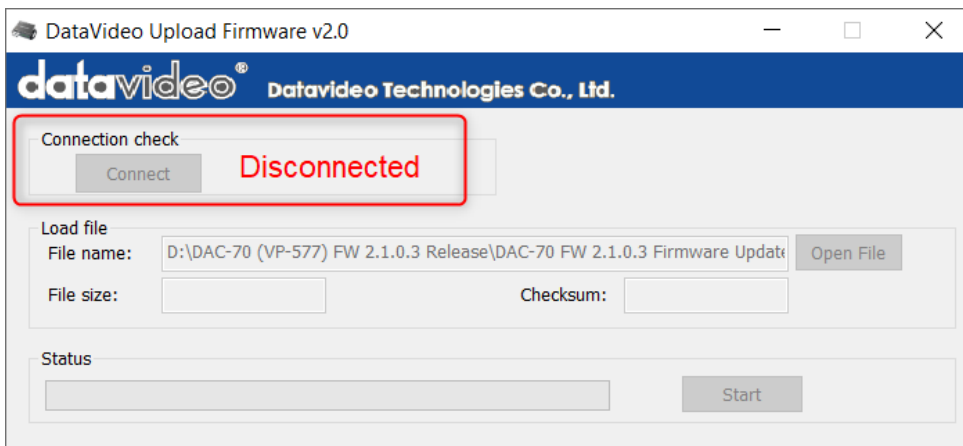
## **Checking the Firmware Version**

1. Please connect a mini-USB to USB Type A adapter cable from the mini-USB interface of your DAC-70 main unit to the USB Type A interface of your laptop.
2. Please connect a DC12V power adapter to your DAC-70.
3. Please open the "DAC-70 Center V1.0.9.0.exe"  DAC-70 Center V1.0.9.0.exe in DAC Center V1.0.9.0 file folder.
4. And then you can see the current firmware version of your DAC-70 which is shown in the following diagram.

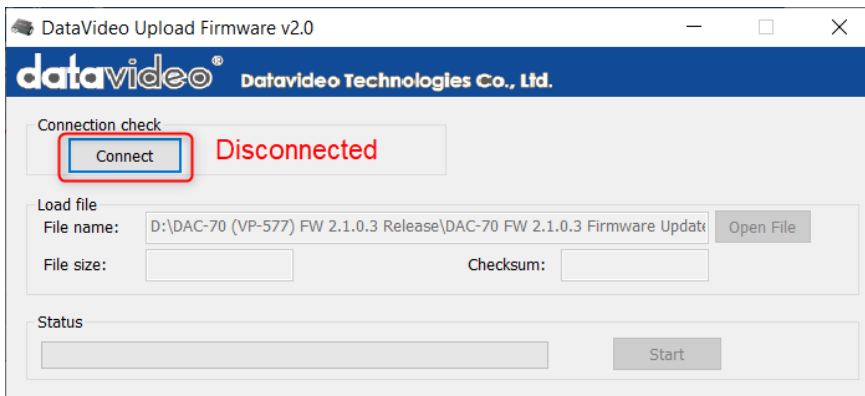


## Updating the Firmware

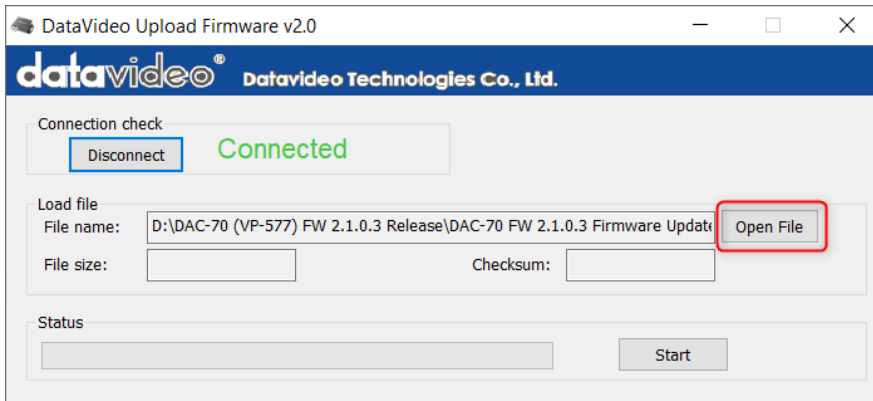
1. Please make sure that the 12V DC power cable is not connected to your DAC-70.
2. Please make sure the downloaded firmware files are unzipped and saved in the hard disk of your laptop.
3. Please use a mini-USB to USB 2.0 adapter cable to connect from your DAC-70 to your laptop.
4. Please open the "Datavideo Upload Programmer V2.0.exe"  **DataVideo Upload Programmer V2.0.exe** , which will show **Disconnected** and the connect button is greyed out.



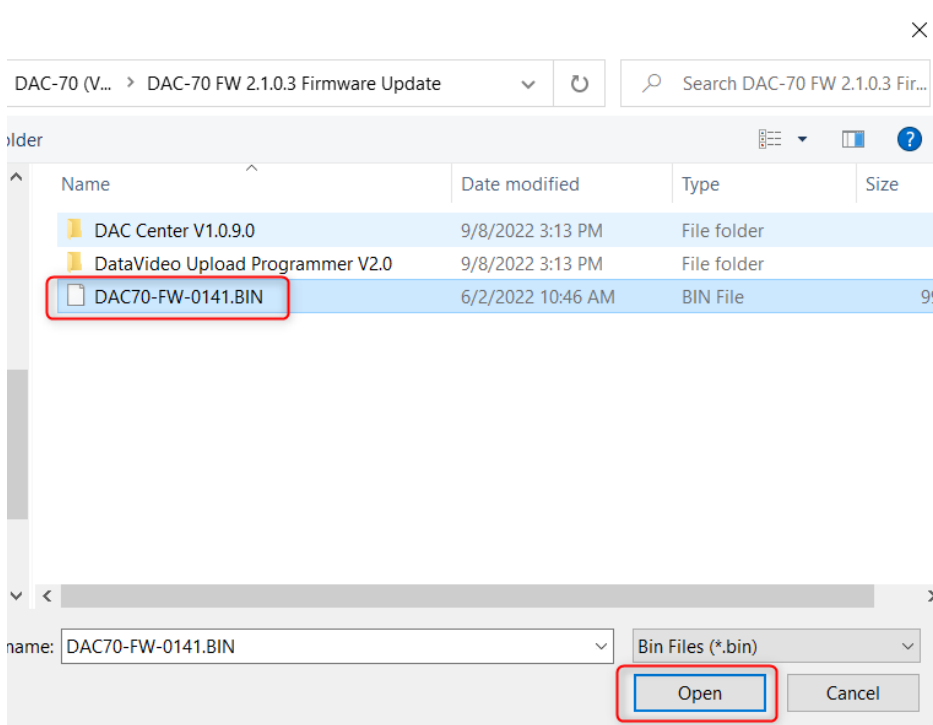
5. Please connect the DC 12V power adapter to your DAC-70 main unit and the connect button will now be enabled. Click the connect button and the "Datavideo Upload Programmer V2.0.exe" will show **Connected**.

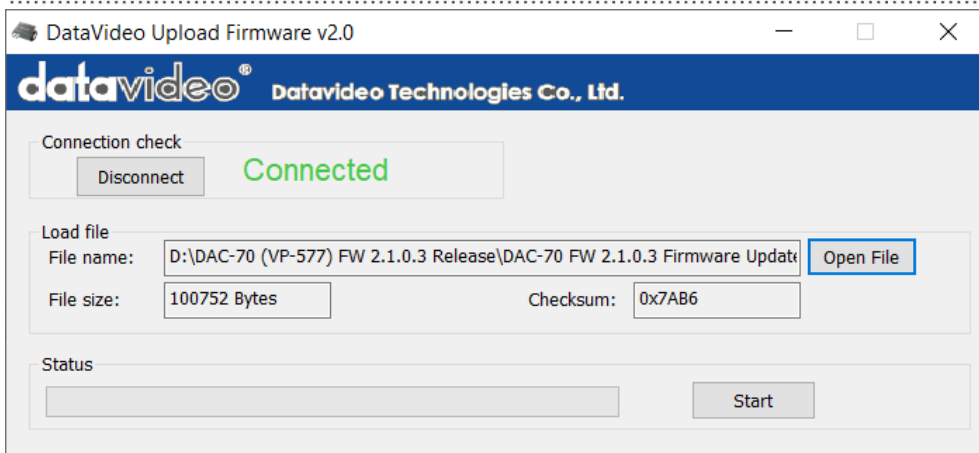


6. Please click the Open File button and select the downloaded and unzipped new firmware file.

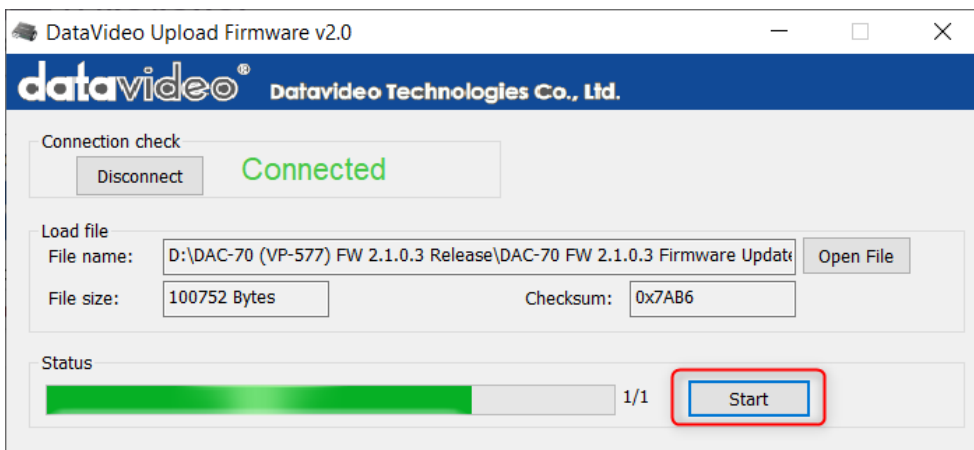


7. If your DAC-70 is the **old version hardware**, it will show “DAC70-FW-0141.BIN” for you to select. However, if your DAC-70 is the **newer version hardware**, it will show “DAC70-FW-2103.N26”. The “DAC70-FW-0141.BIN” and “DAC70-FW-2103.N26” are included in the firmware update files, however, **the system will show the correct firmware file for you to select automatically according to your hardware version**. So, there is no risk to select wrong firmware update file during the update procedure. In this firmware update procedure, we will take “DAC70-FW-0141.BIN” as an example.

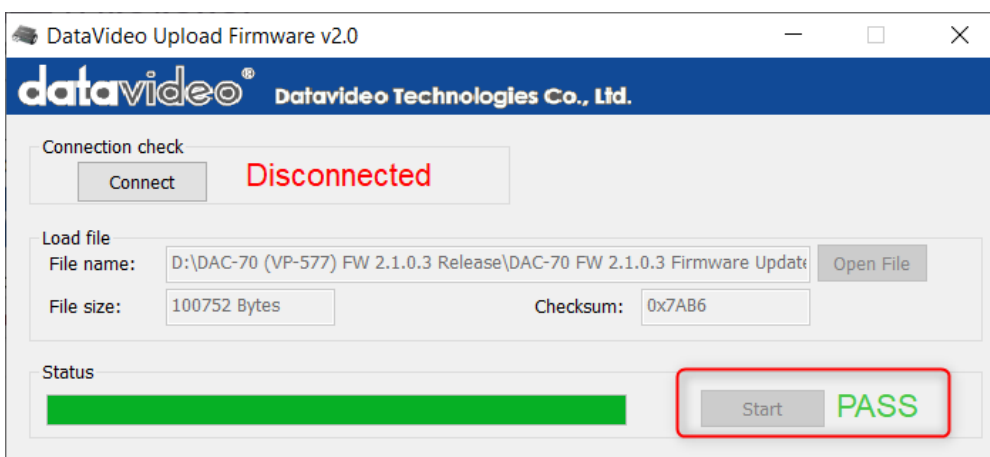




8. Please click the Start button and wait for the progress bar to finish.



9. After the update is finished, the utility will show **PASS** to confirm that the unit has been updated successfully.



10. The utility will automatically disconnect the DAC-70 unit.

11. Unplug the USB cable from the DAC-70 and power cycle the unit.

12. The updated DAC-70 is now ready for use.