

Modunlock V2 With Firmware 2.015 or higher can have firmware upgrade by USB-C.

## **FW update instructions**

**(FW VERSION v2.353)**

Do you already have FW version v2.351 or higher (Click the answer)

[YES](#)

[NO](#)

FW v2.351 or Higher instructions.

## MODUNLOCK SHOULD NOT BE PLUGGED INTO ODB2 FOR FIRMWARE UPDATES

### Part 1 :- Firmware

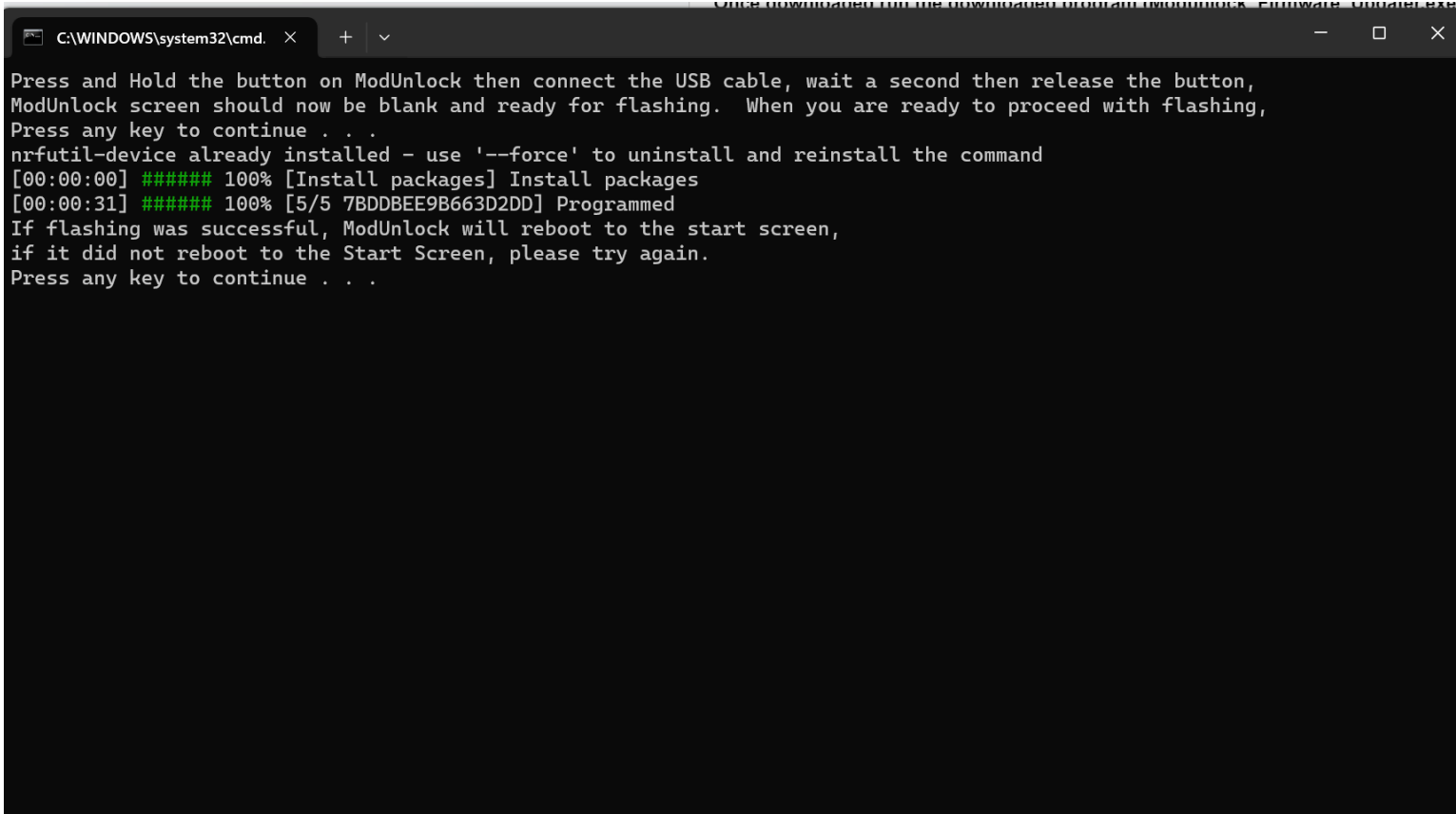
The updater file can be downloaded from [HERE](#)

Once downloaded run the downloaded program (Modunlock\_Firmware\_Updater.exe)

The program will instruct you how to proceed but , but essentially the process is

- 1) Plug USB cable into computer
- 2) Run the previously downloaded Modunlock\_Firmware\_Updater.exe
- 3) Follow the on screen prompts
- 4) If you cannot complete the upgrade please see trouble shooting below,or contact support [HERE](#)
- 5) Successful upgrade looks like this example in figure 1

Figure 1



```
C:\WINDOWS\system32\cmd. x + v
Press and Hold the button on ModUnlock then connect the USB cable, wait a second then release the button,
ModUnlock screen should now be blank and ready for flashing. When you are ready to proceed with flashing,
Press any key to continue . . .
nrfutil-device already installed - use '--force' to uninstall and reinstall the command
[00:00:00] ##### 100% [Install packages] Install packages
[00:00:31] ##### 100% [5/5 7BDDBEE9B663D2DD] Programmed
If flashing was successful, ModUnlock will reboot to the start screen,
if it did not reboot to the Start Screen, please try again.
Press any key to continue . . .
```

## **Fw Lower than 2.351 instructions**

Fw Version **2.351** and greater introduced changes to the file system that increased the storage capacity from 8mb to 16mb (it always had a 16mb storage, but only 8mb was available).

Example...Upgrading from v2.333 to 2.351 requires formatting of the Modunlock storage drive. With this in mind we need to backup anything important from the drive before formatting it.

The Latest FW update will want to backup any files on ModUnlock for you. It will back them up to C:\Modunlock\Backup

During the upgrade it will ask what the drive letter is

It is very important that you answer correctly. In Windows it is will be called "USB Drive" and might look like "USB Drive (H:)"

It will proceed to backup the drive, perform the FW update and then format the drive and and update to the latest files.

## **MODUNLOCK SHOULD NOT BE PLUGGED INTO ODB2 FOR FIRMWARE UPDATES**

### **Part 1 :- Firmware**

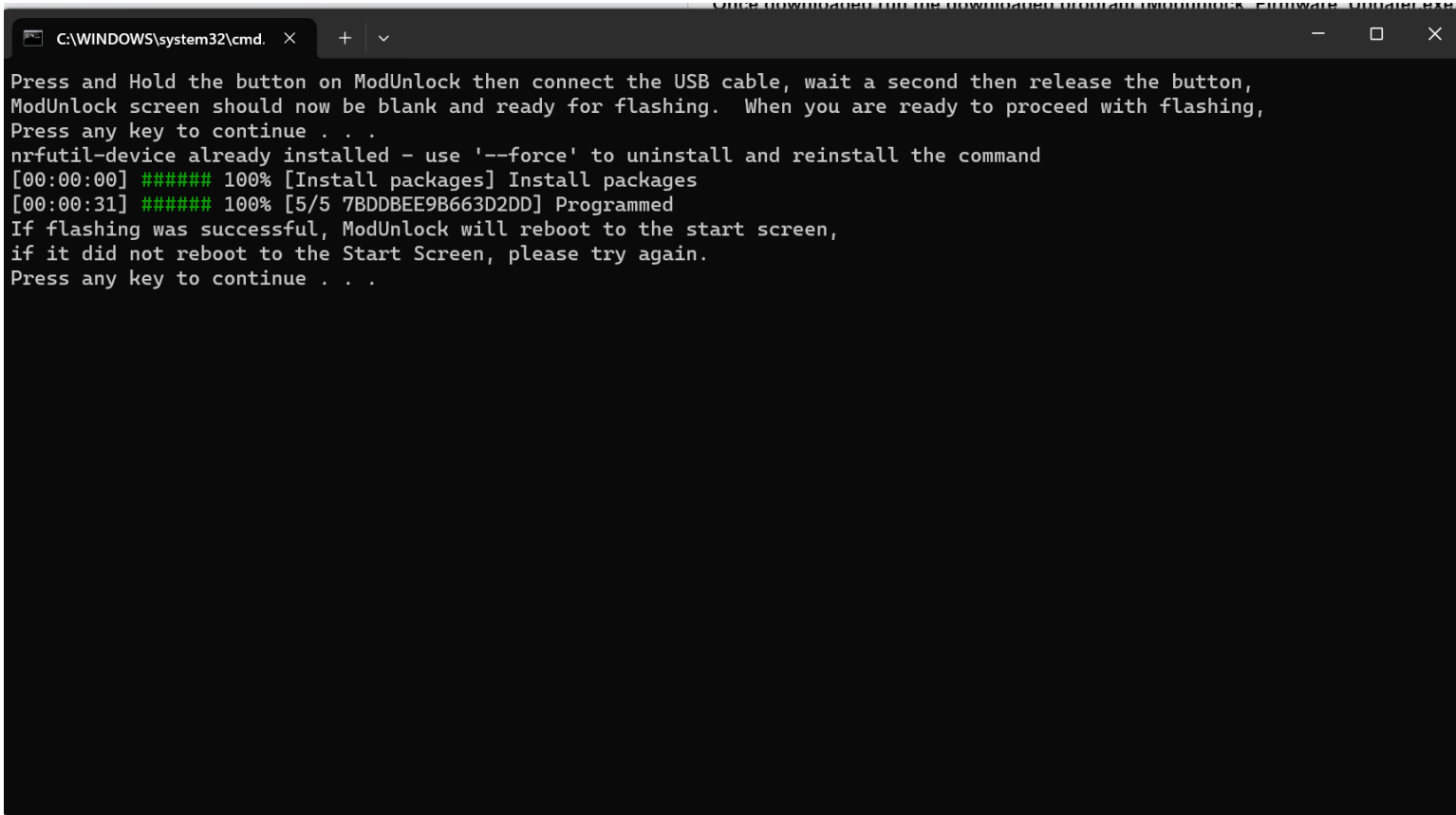
The update file can be downloaded from [HERE](#)

Once downloaded run the downloaded program (Modunlock\_Firmware\_Updater.exe)

The program will instruct you how to proceed but , but essentially the process is

- 6) Plug USB cable into computer
- 7) Run the previously downloaded Modunlock\_Firmware\_Updater.exe
- 8) Follow the on screen prompts
- 9) If you cannot complete the upgrade please see trouble shooting below,or contact support [HERE](#)
- 10) Successful upgrade looks like this example in figure 1

Figure 1



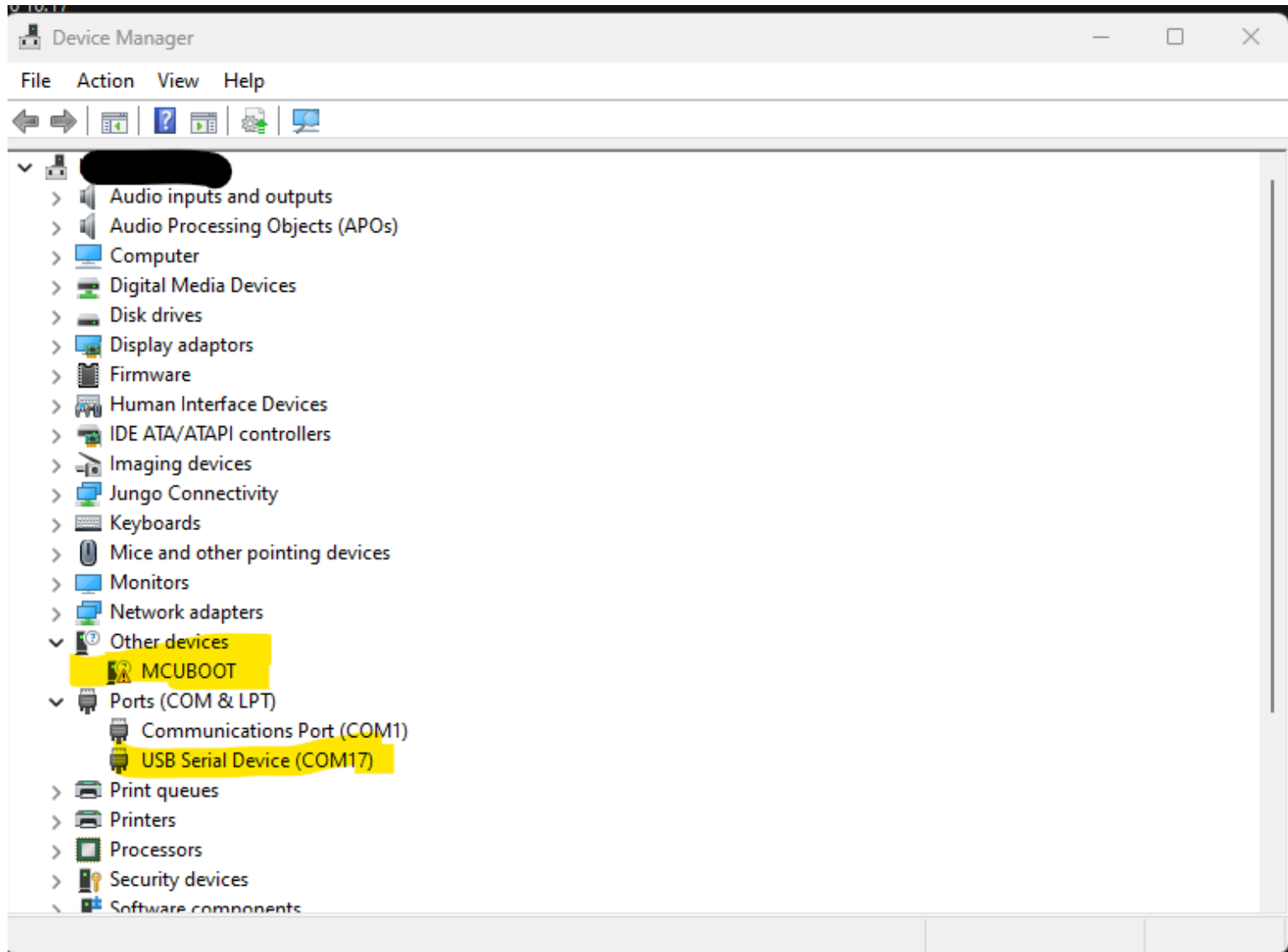
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[00:00:31] ##### 100% [5/5 '7BDDBEE9B663D2DD'] Programmed
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```

## TROUBLESHOOTING FIRMWARE UPGRADES

Most upgrade issues are due to poor fitment of the USB C cable or not being in Boot mode

Boot mode is achieved by holding down the button on ModUnlock before inserting the USB-C cable.

You can confirm that the device is connected correctly in boot mode because the screen will be blank AND your device manager will look like this:-



Not all USB-C cables are created equally; you may find using a different cable helps get a good connection. As a final solution, removing ModUnlock from its case can give full access to the USB-C port.

**Some users have reported that the following update needs to be downloaded to their PC before the updater can run.**

**[https://aka.ms/vs/17/release/vc\\_redist.x64.exe](https://aka.ms/vs/17/release/vc_redist.x64.exe)**