

Firmware update

Product: Commander C and Unidrive M400

Date: 14-10-2025

Version: 3

Description:

This document describes how to perform a firmware upgrade on the Commander C.

Required hardware:

- [AI-485](#) or [AI-485 24 V](#) adapter
- [USB 71](#) comms cable

Required software:

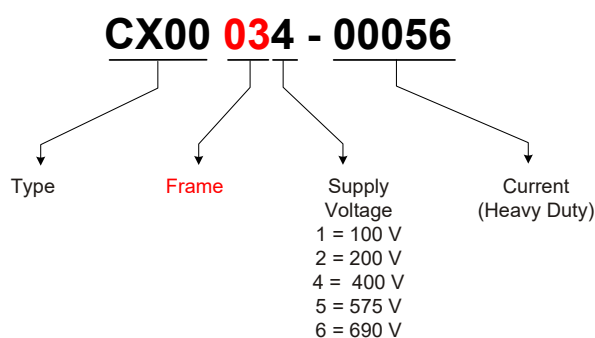
- [Connect ≥ V2.20.00](#)

Required firmware:

The Commander C has an user processor and a power processor, each with its own file.

The files required for the upgrade depend on the following factors:

- current user processor firmware, read in parameter 11.029
- current power processor firmware, read in parameter 11.035
- type, Commander C200, C300 or Unidrive M400
- frame (only important for the power processor firmware)



Determining which files are required:

- Determine the drive type and frame
- Read parameter 11.029, which contains the current user processor firmware (for this, parameter 10 (00.010) must be set to All (Commander C) / All menus (Unidrive M400))
- If parameter 11.029 ≤ 01.06.xx, use table 1
- If parameter 11.029 ≥ 01.10.00, use table 2
- Read parameter 11.035, which contains the current power processor firmware
- Check the appropriate table to determine which files are required for the update



Table 1 for 1st generation user processor (# 11.029 ≤ 01.06.xx):

Drive	Current user processor firmware (# 11.029)	Current power processor firmware (# 11.035)	Use this user processor file for the update:	Use this power processor file for the update:
1 st generation user processor en 1 st generation power processor (# 11.035 ≤ 01.06.01)				
C200 frame 1-4	≤ 01.06.04	≤ 01.06.01	Commander 01060502 0325 C200 Release	PowerNormal_V01.06.01.02
C200 frame 5-9	≤ 01.06.04	≤ 01.06.01	Commander 01060502 0325 C200 Release	PowerLarge_V01.06.01.52
C300 frame 1-4	≤ 01.06.04	≤ 01.06.01	Commander 01060502 0325 C300 Release	PowerNormal_V01.06.01.02
C300 frame 5-9	≤ 01.06.04	≤ 01.06.01	Commander 01060502 0325 C300 Release	PowerLarge_V01.06.01.52
M400 frame 1-4	≤ 01.06.04	≤ 01.06.01	Unidrive 01060502 0325 M400 Release	PowerNormal_V01.06.01.02
M400 frame 5-9	≤ 01.06.04	≤ 01.06.01	Unidrive 01060502 0325 M400 Release	PowerLarge_V01.06.01.52
1 st generation user processor en 1 st generation power processor (# 11.035 = 01.10.xx)				
C200 frame 1-4	≤ 01.06.04	01.10.00	Commander 01060502 0325 C200 Release	PowerNormal_V01.10.01.06
C200 frame 5-9	≤ 01.06.04	01.10.00	Commander 01060502 0325 C200 Release	PowerLarge_V01.10.01.58
C300 frame 1-4	≤ 01.06.04	01.10.00	Commander 01060502 0325 C300 Release	PowerNormal_V01.10.01.06
C300 frame 5-9	≤ 01.06.04	01.10.00	Commander 01060502 0325 C300 Release	PowerLarge_V01.10.01.58
M400 frame 1-4	≤ 01.06.04	01.10.00	Unidrive 01060502 0325 M400 Release	PowerNormal_V01.10.01.06
M400 frame 5-9	≤ 01.06.04	01.10.00	Unidrive 01060502 0325 M400 Release	PowerLarge_V01.10.01.58
1 st generation user processor en 2 nd generation power processor (# 11.035 ≥ 01.11.00)				
C200 frame 1-4	≤ 01.06.04	≥ 01.11.00	Commander 01060502 0325 C200 Release	PowerNormal_V01.11.01.06
C200 frame 5-9	≤ 01.06.04	≥ 01.11.00	Commander 01060502 0325 C200 Release	PowerLarge_V01.11.01.58
C300 frame 1-4	≤ 01.06.04	≥ 01.11.00	Commander 01060502 0325 C300 Release	PowerNormal_V01.11.01.06
C300 frame 5-9	≤ 01.06.04	≥ 01.11.00	Commander 01060502 0325 C300 Release	PowerLarge_V01.11.01.58
M400 frame 1-4	≤ 01.06.04	≥ 01.11.00	Unidrive 01060502 0325 M400 Release	PowerNormal_V01.11.01.06
M400 frame 5-9	≤ 01.06.04	≥ 01.11.00	Unidrive 01060502 0325 M400 Release	PowerLarge_V01.11.01.58



Table 2 for 2nd generation user processor (# 11.029 ≥ 01.10.00):

Drive	Current user processor firmware (# 11.029)	Current power processor firmware (# 11.035)	Use this user processor file for the update:	Use this power processor file for the update:
2 nd generation user processor en 1 st generation power processor (# 11.035 = 01.10.xx)				
C200 frame 1-4	≥ 01.10.00	01.10.00	Commander 01110304 0326 C200 Release	PowerNormal_V01.10.01.06
C200 frame 5-9	≥ 01.10.00	01.10.00	Commander 01110304 0326 C200 Release	PowerLarge_V01.10.01.58
C300 frame 1-4	≥ 01.10.00	01.10.00	Commander 01110304 0326 C300 Release	PowerNormal_V01.10.01.06
C300 frame 5-9	≥ 01.10.00	01.10.00	Commander 01110304 0326 C300 Release	PowerLarge_V01.10.01.58
M400 frame 1-4	≥ 01.10.00	01.10.00	Commander 01110304 0326 M400 Release	PowerNormal_V01.10.01.06
M400 frame 5-9	≥ 01.10.00	01.10.00	Commander 01110304 0326 M400 Release	PowerLarge_V01.10.01.58
2 nd generation user processor en 2 nd generation power processor (# 11.035 ≥ 01.11.00)				
C200 frame 1-4	≥ 01.11.00	≥ 01.11.00	Commander 01110304 0326 C200 Release	PowerNormal_V01.11.01.06
C200 frame 5-9	≥ 01.11.00	≥ 01.11.00	Commander 01110304 0326 C200 Release	PowerLarge_V01.11.01.58
C300 frame 1-4	≥ 01.11.00	≥ 01.11.00	Commander 01110304 0326 C300 Release	PowerNormal_V01.11.01.06
C300 frame 5-9	≥ 01.11.00	≥ 01.11.00	Commander 01110304 0326 C300 Release	PowerLarge_V01.11.01.58
M400 frame 1-4	≥ 01.11.00	≥ 01.11.00	Commander 01110304 0326 M400 Release	PowerNormal_V01.11.01.06
M400 frame 5-9	≥ 01.11.00	≥ 01.11.00	Commander 01110304 0326 M400 Release	PowerLarge_V01.11.01.58



Set communication parameters on the display:

Parameter	Description	Setting
11.023	Serial address	1
11.024	Serial mode	8 2 NP
11.025	Serial baud rate	19.200
11.020	Reset serial communications*	On (turns back to Off)
00.000	Save parameters	# 00.000 = SAVE +  + 

* Necessary if a communication parameter has been changed.

Back up parameters:

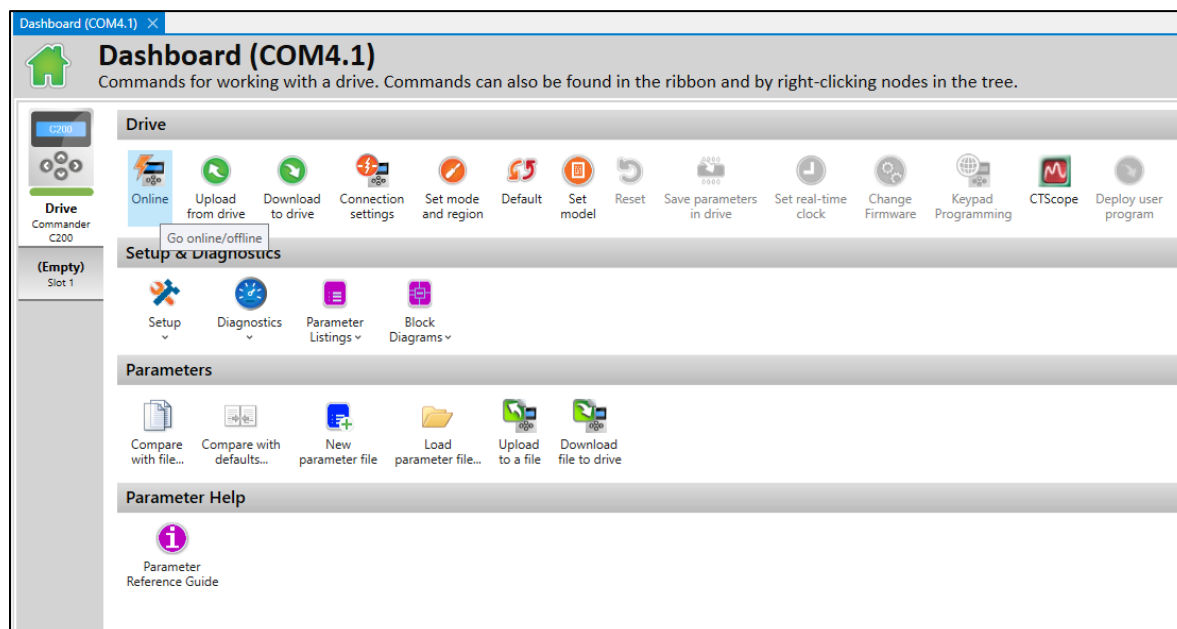
- Upload the parameters and save the parameter file

Option module:

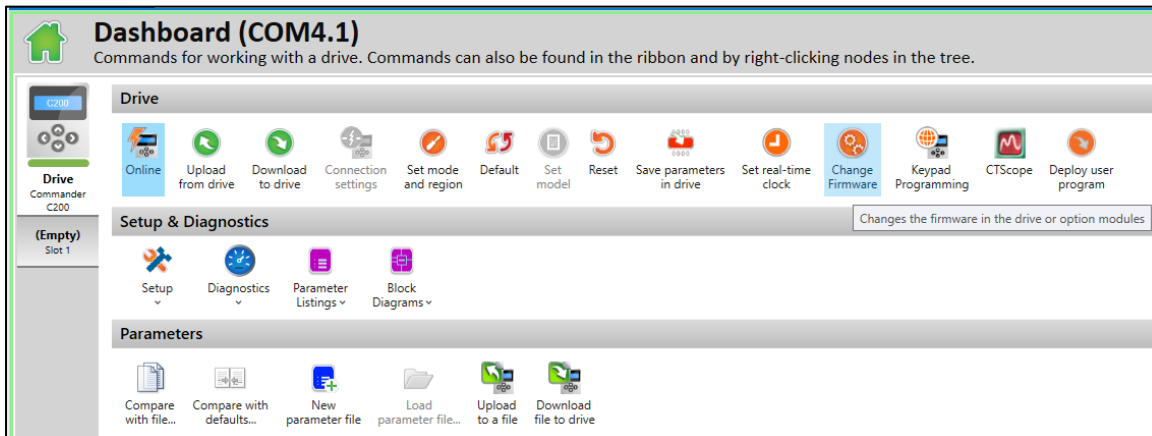
- If an option module has been installed, it must first be removed (de-energized). Then turn the power back on

Update (screenshots based on Connect V2):

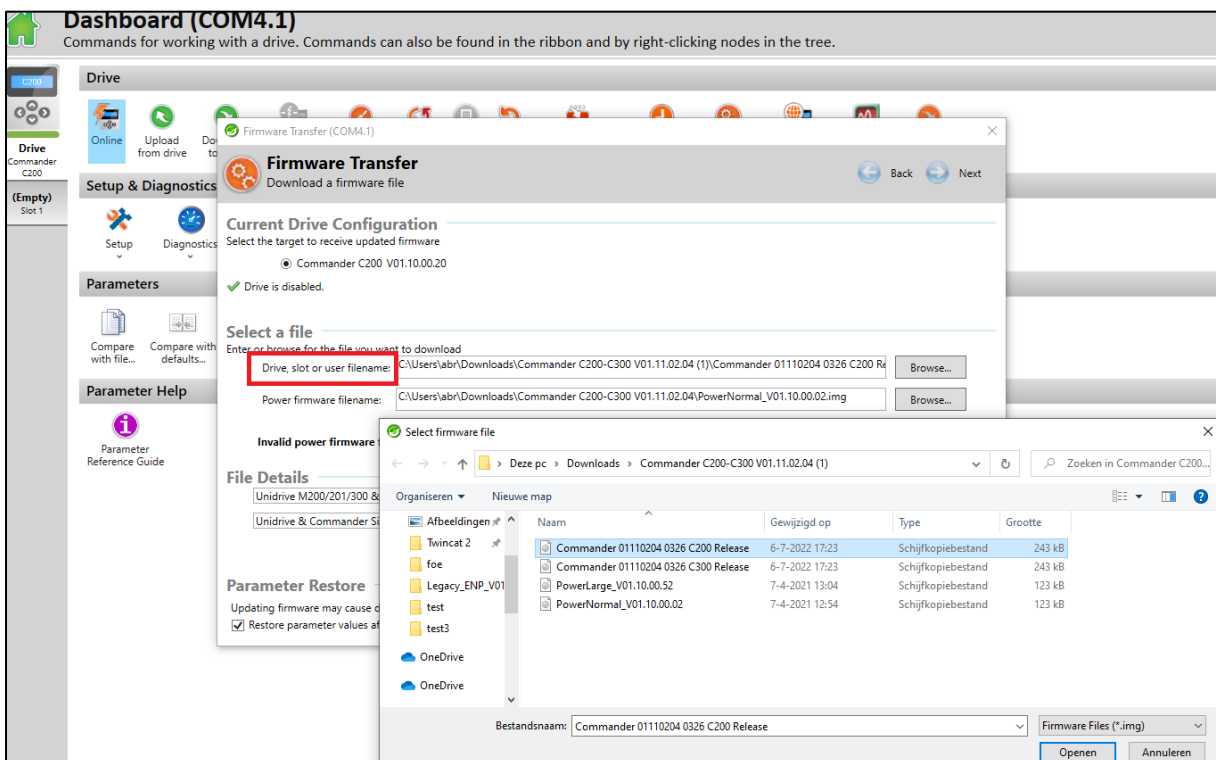
- Click online:



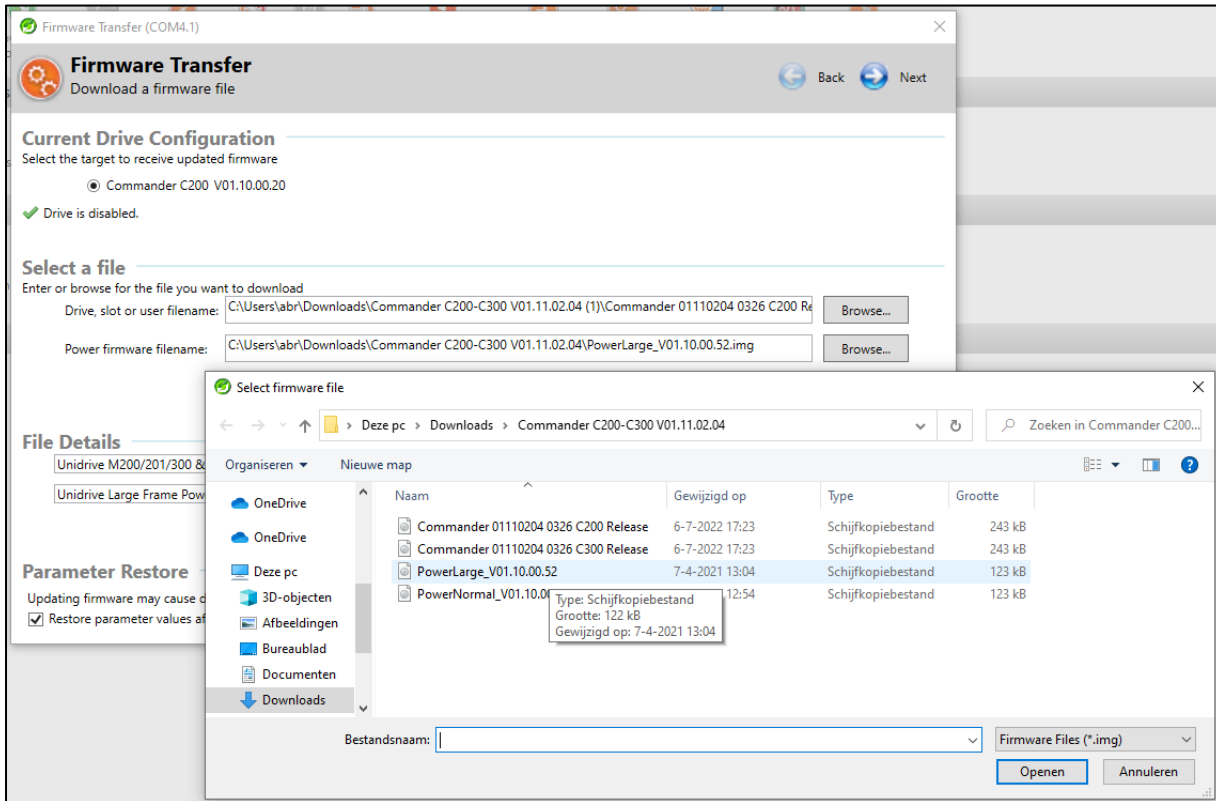
- Choose change firmware:



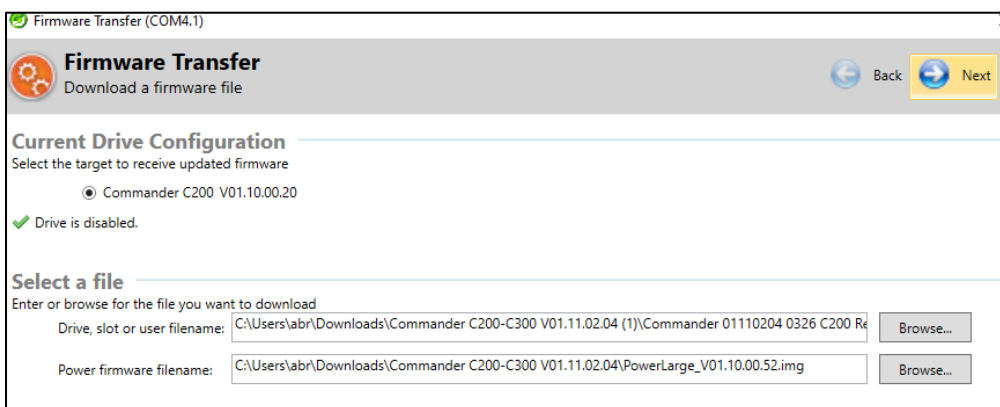
- Click browse at <Drive, slot or user filename> and select the correct user processor firmware (table):



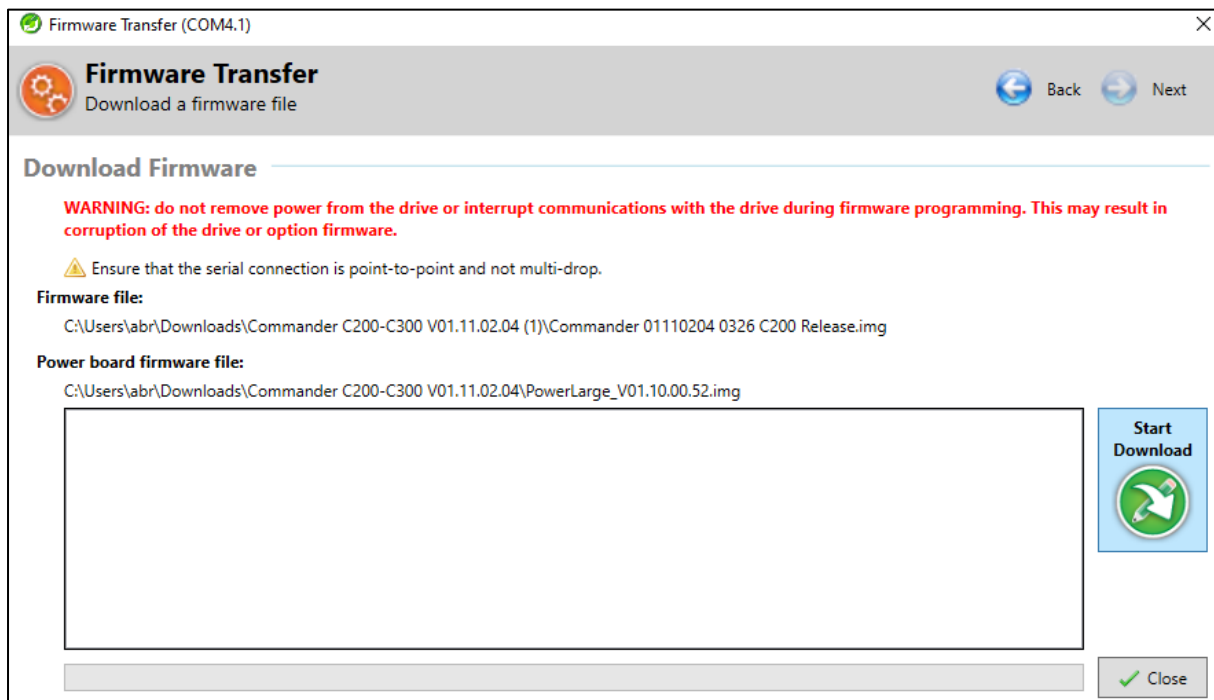
- At <Power firmware file name>, select the desired power processor file (table):



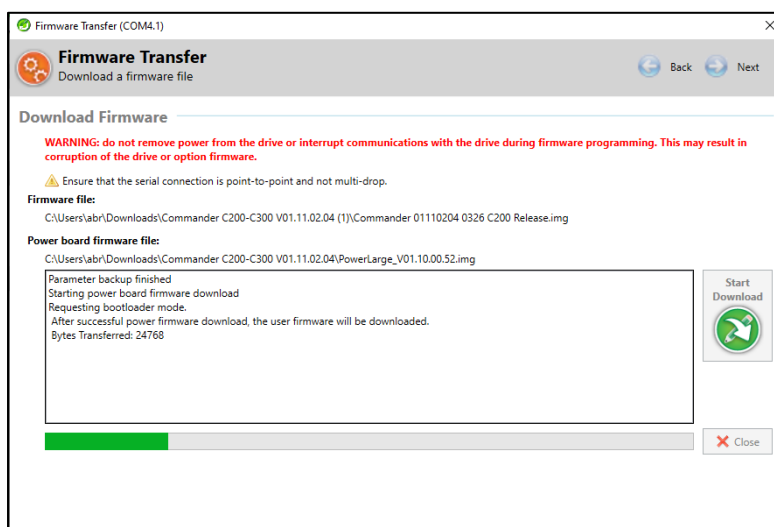
- Click next:



- Click start download



- Wait until the update is ready



- Then, if necessary, replace the option module (de-energized).

