

## Firmware update for FOTO CONTROL 1f, FOTO CHARGER





### Computer preparation:



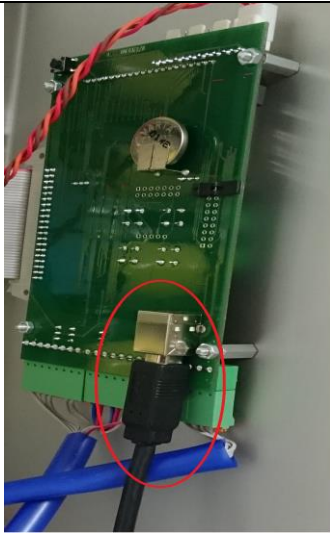
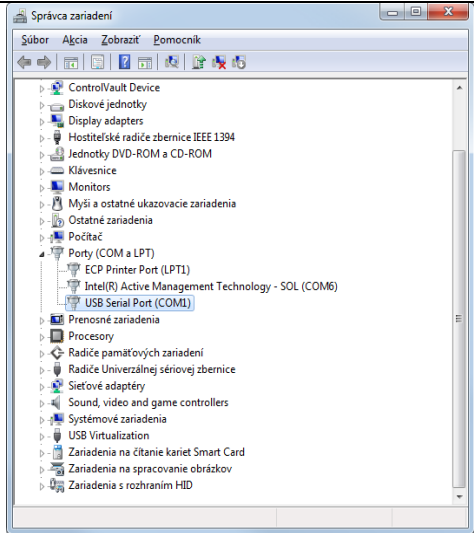
- download the file uniflash.zip from <http://soft.vonsch.sk/data/Software/UNI/uniflash.zip>
- unpack the downloaded zip file
- install C2Prog application (C2Prog\_xxx.exe)
- it might be necessary to install driver USB-485.exe
- it might be necessary to download Java from <http://www.java.com>

### Firmware download:

- download from [www.vonsch.sk/support](http://www.vonsch.sk/support) the most recent firmware for selected product

### Instructions:

<p>1. Turn the device off by switching the main switch to 0.</p> 	<p>2. Disconnect AC cables (Warning: dangerous voltage in the cables)</p> 
<p>3. Disconnect DC cables (Warning: dangerous voltage in the cables)</p> 	<p>4. Unscrew the two screws using an Allen wrench size 2.5 mm</p> 

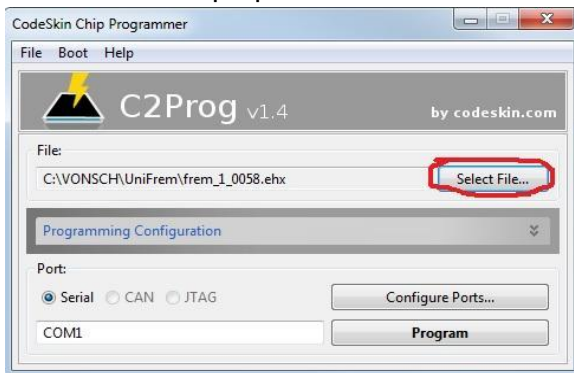
<p>5. After a slight lifting, gently remove the front plate. (<b>Warning: some cables are still connected to the front cover</b>)</p>	<p>6. Connect the two pins with the jumper according to the following image:</p>
	
<p>7. Connect a USB cable from your computer to the control board</p>	<p>8. Check the proper COM port in Device Manager in Windows. “Control panel / System and Security / Computer management / Device manager / Ports (COM &amp; LPT) / USB serial port / Port Settings/ Advanced/ Port number”. It is recommended to change it to COM1.</p>
	

9. Attach the front cover (no screws)

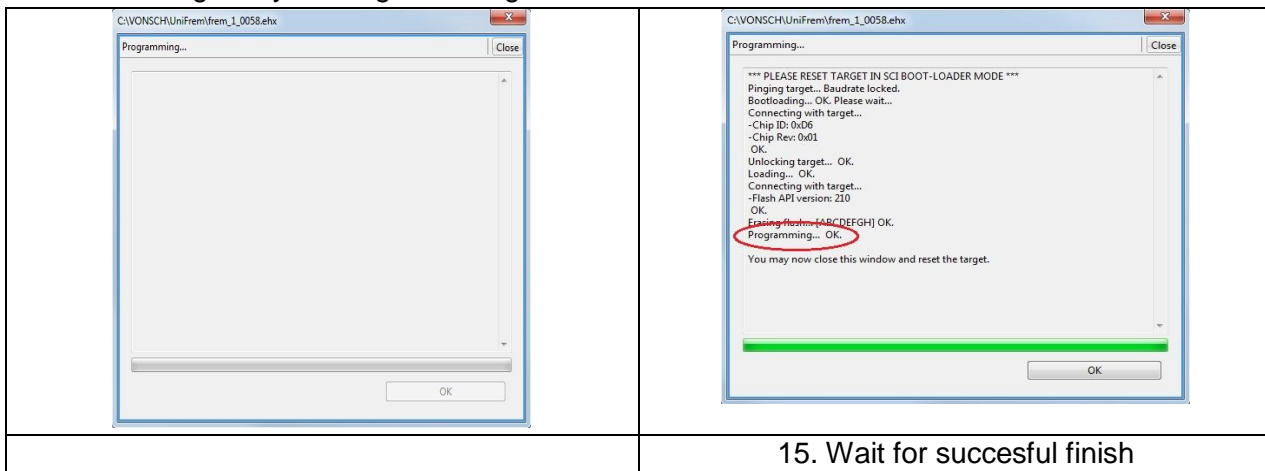
10. Connect the DC cables to the device (There has to be sufficient DC voltage on the panels to turn on the device – it might not be possible to update the firmware during the night for some devices).

11. Turn on the device by the main switch

12. Launch the C2Prog application
13. Choose the proper firmware file



14. Launch the firmware update procedure by clicking the "Program" button.
- A progress window will be open.
  - if there is a error notice, close this window and check the port settings (COM1 is not set)
    - press "Configure Ports"
    - press "Scan Ports"
    - wait for finishing the port scan
    - choose the proper COM port
    - confirm by pressing OK
    - start again by clicking the "Program" button



16. Turn off the inverter by the main switch
17. Disconnect DC cables
18. Move the front cover aside
19. Disconnect the USB cable
20. Move the jumper on the side of control board to single pin, or remove it completely
21. Attach the front cover
22. Screw the side screws
23. Connect the DC cables
24. Connect the AC cables
25. Turn on the device by the main switch
26. Wait for the proper start of the device