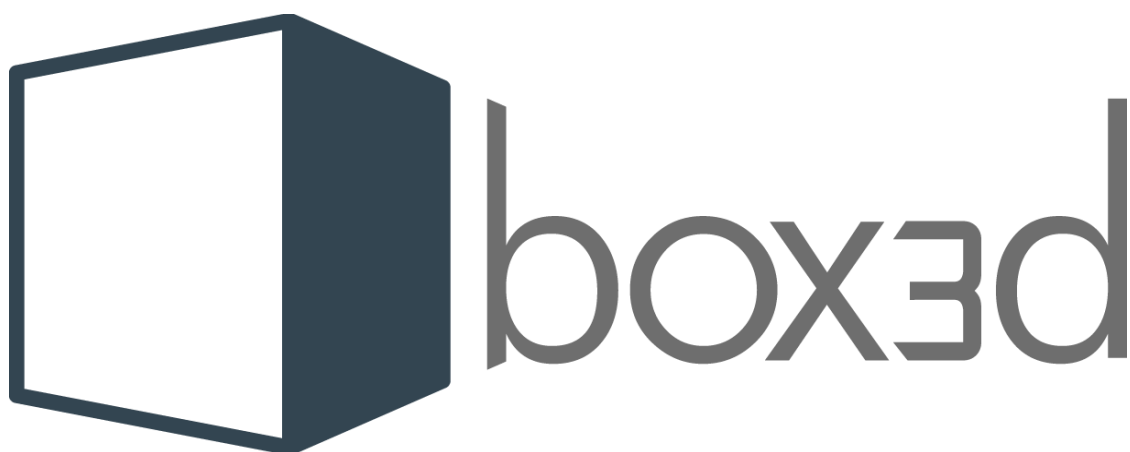


BOX3D FIRMWARE INSTRUCTIONS

For box3d 500 and box3d XL



Box3d B.V.
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info@box3d.eu
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FLASH BOX3D WITH THE LATEST FIRMWARE

To upload the latest firmware to the box3d controller, follow the next steps (windows only):

1. Go to <http://xloader.russe motto.com/> to download the latest version of Xloader
2. Open Xloader
3. Select the .hex file with the firmware
4. For "Device", select Duemilanove/Nano(ATmega328)
5. Disconnect the power supply from the controller
6. Connect the controller with the usb cable to you PC
7. The Baud rate should be the default 57600
8. Click on "Upload"
9. Done. The display of the box3d controller should start up now.

MODIFY BOX3D FIRMWARE

You can modify the box3d firmware, but is at your own risk. Please read the following notes carefully:

Notes:

- Modifying the firmware is at your own risk. By modifying the firmware, all warranty on electronics is no longer valid.
- It uses the "U8glib" and "EEPROM" libraries which can be downloaded in the Arduino IDE.
- The code is written and tested in Arduino IDE version 1.8.5.
- The following pins are in use, and should not be overwritten: D2, D3, D4, D5, D9, A0, A4, A5