1.0 Purpose

This file would walk you through the installation of software and first print.

2.0 Scope

This document cover Duplicator 7.

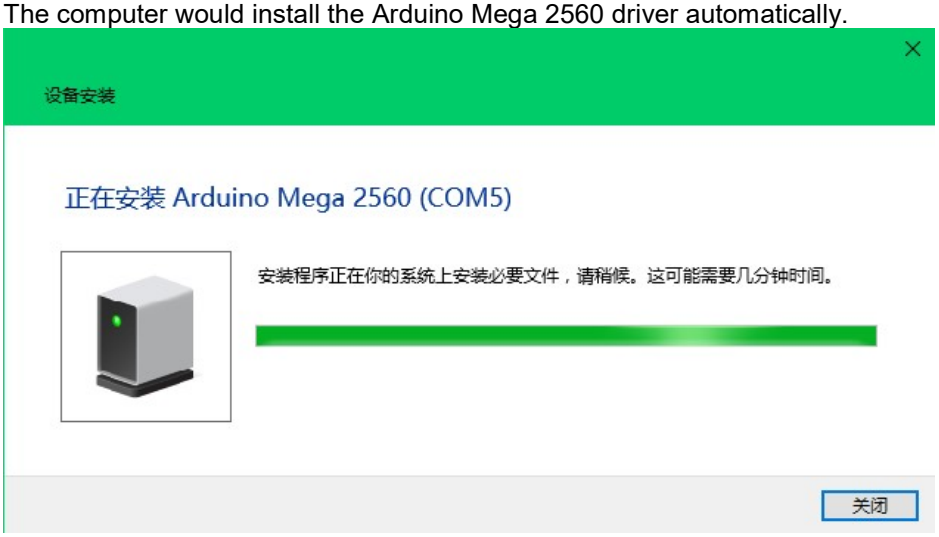
3.0 Tools required.

Computer with Windows System.

4.0 To set the printer display

4.1 Right click the mouse and click the display setting.

4.1.1Turn on the printer, connect the HDMI cable and USB cable to the computer. The computer would install the Arduino Mega 2560 driver automatically.

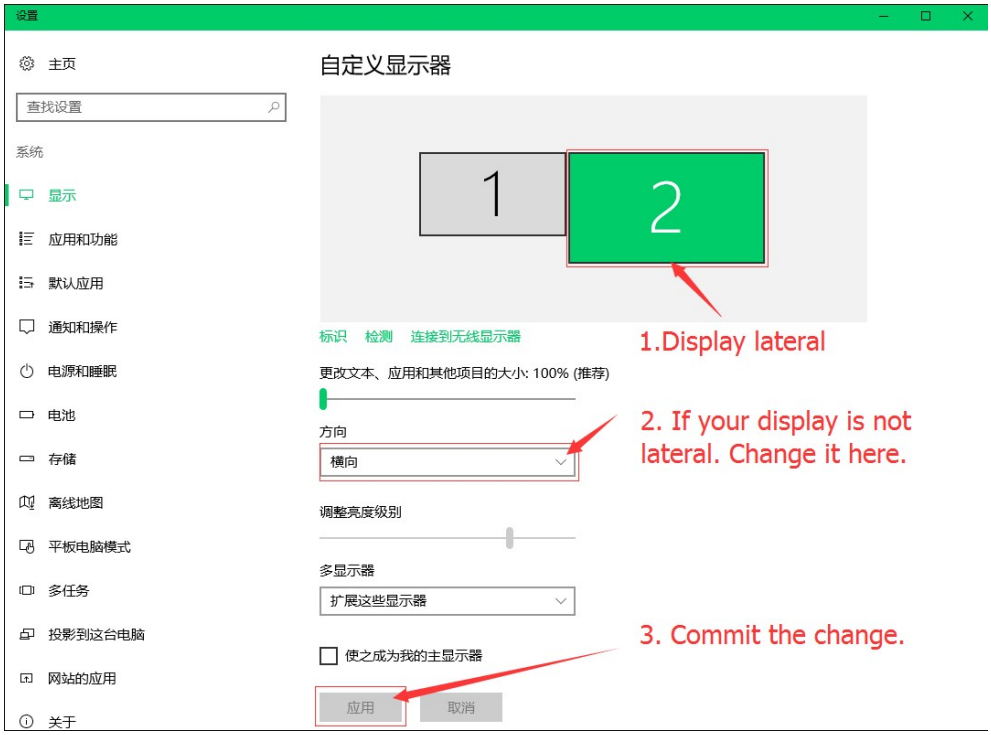


4.1.2 Right Click the mouse and click the display setting.

4.1.3 Click the display No.2, then the No.2 display would be highlighted in green color.

4.1.4 If your display is not **lateral**. Change it to lateral by click direction and choose **lateral.**

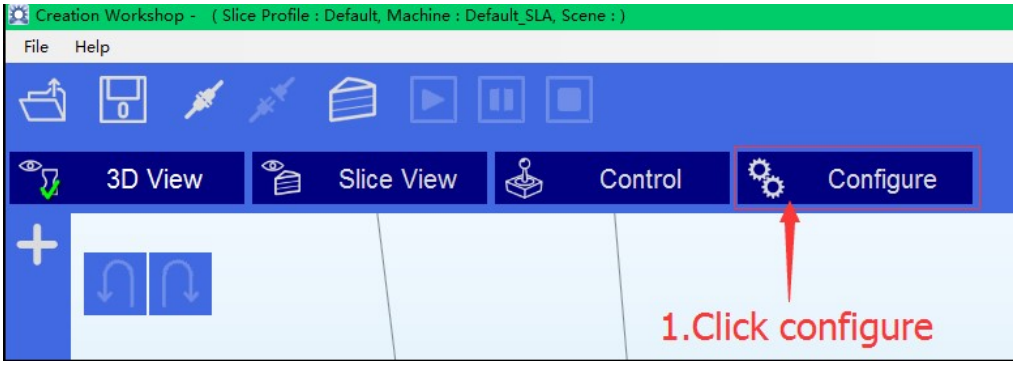
4.1.5 Commit the change.



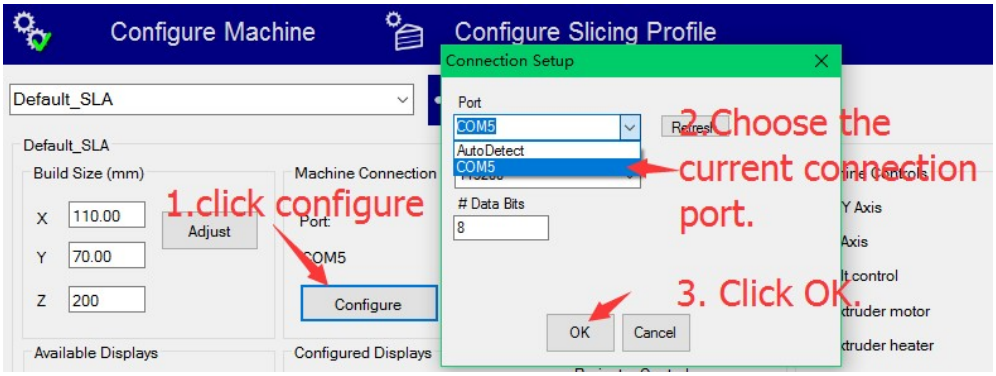
5.0 To set the software: Creation Workshop.

5.1 Decompress the Creation workshop. Click the Creation Work shop logo to run software.

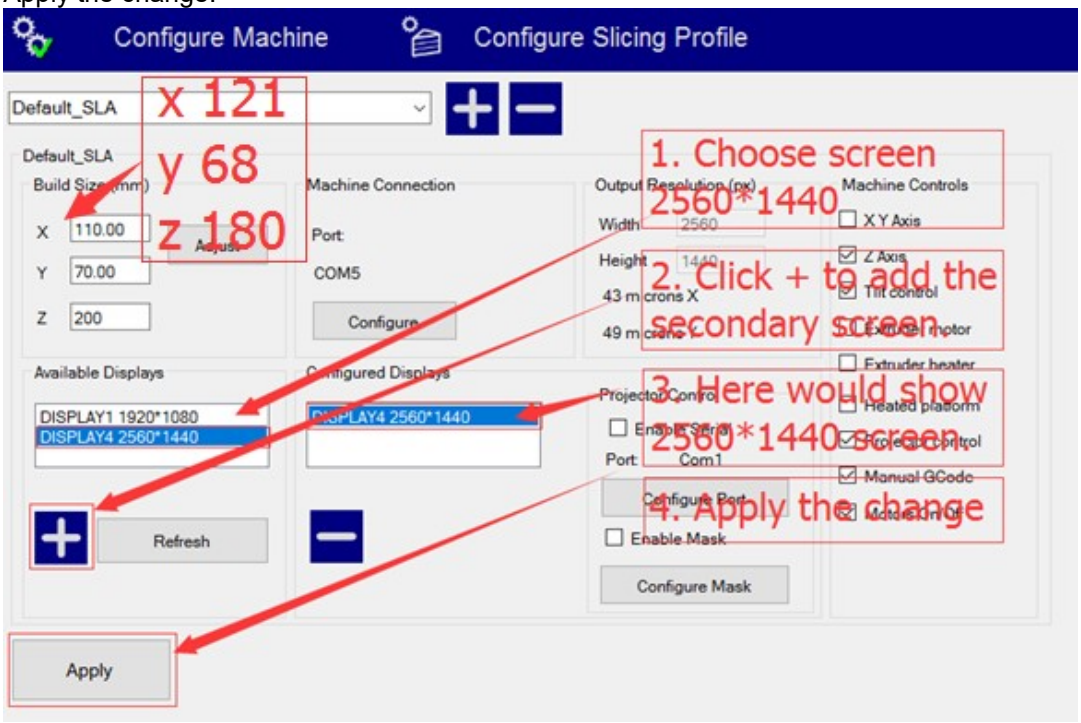
5.2 Click the Configure



5.3 Configure the machine
Click configure
Choose the current connection port. (could be Com5, Com6… depending on your computer)



5.4 Choose screen size: 1560*1440 from Available Display
Click + to add the secondary screen
Apply the change.

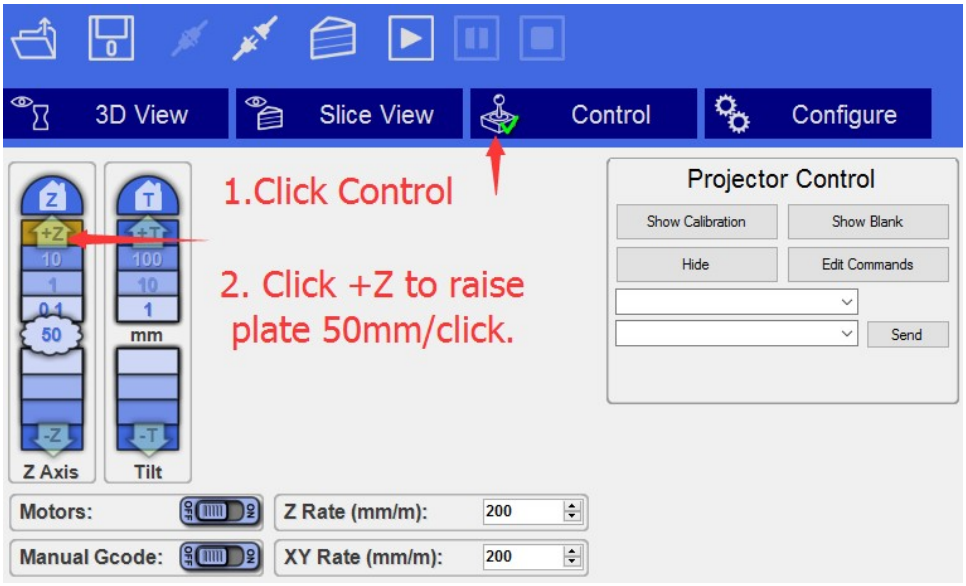


5.5 Click the connection button to link the printer and computer.

Then the disconnection button would be highlighted.

6.0 Testing the Z axis movement and raise the Z axis by 50mm minimal. So we can check if the first layer printing work or not. .

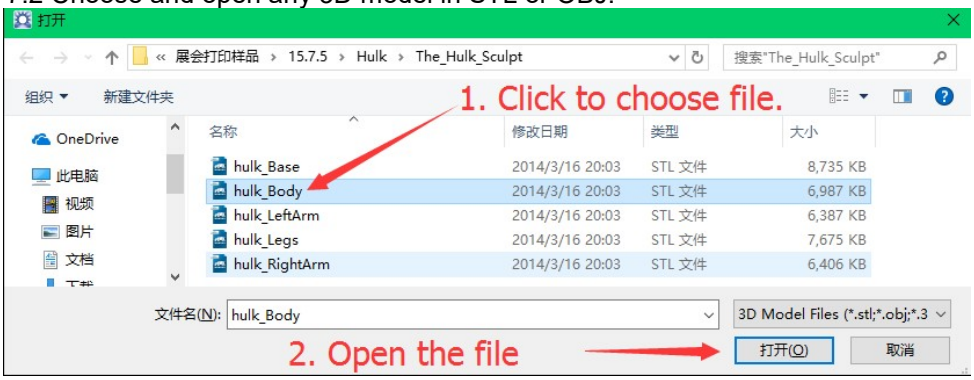
Click the Control, Then click the “+Z” to raise the building plate by 50mm/click.
P.S: Z button= Z axis home.
10= raise Z by 10mm/click
1= raise Z by 1mm/click
-z= lower Z by 50mm/click



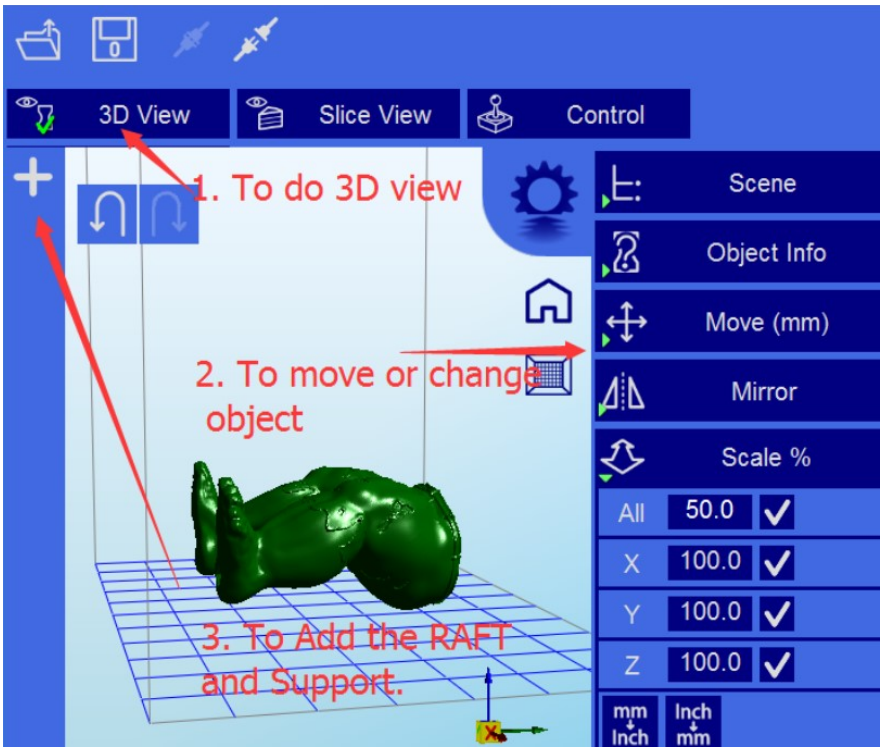
7.0 Open the printing file and Check the first layer work or not.

7.1 Click the open file button .

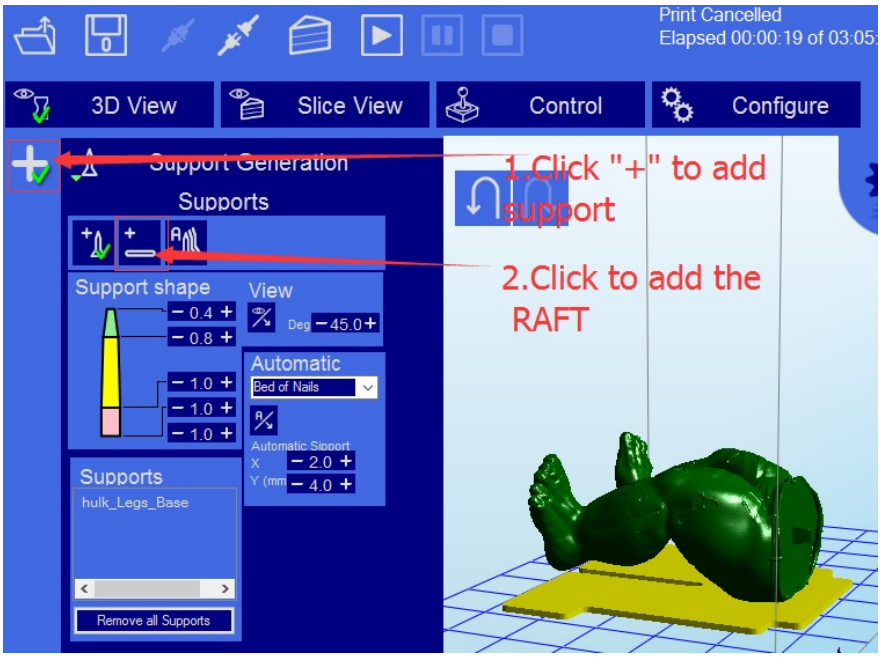
7.2 Choose and open any 3D model in STL or OBJ.



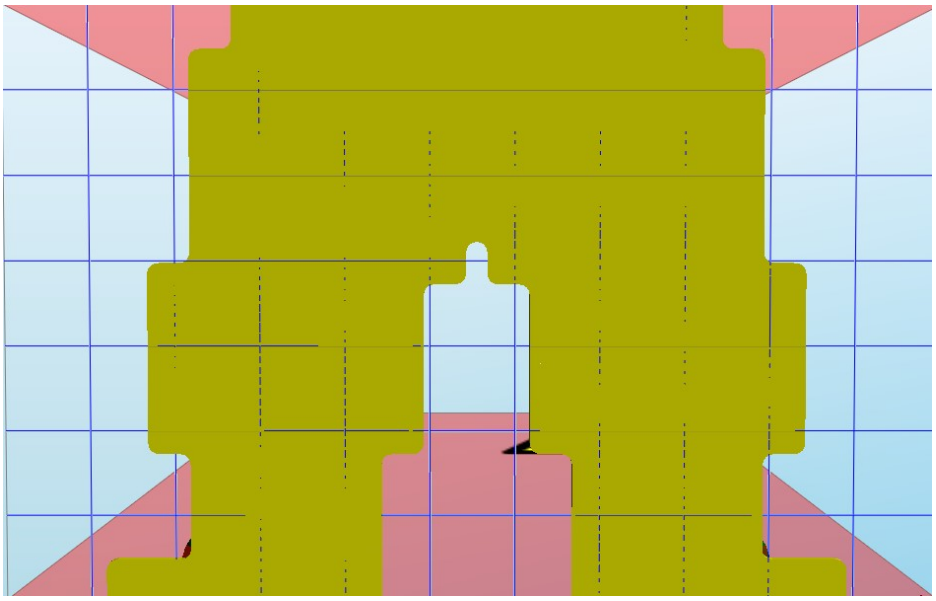
7.3 To do 3D view and adjust the object. Then click “+” to add RAFT and SUPPORT.



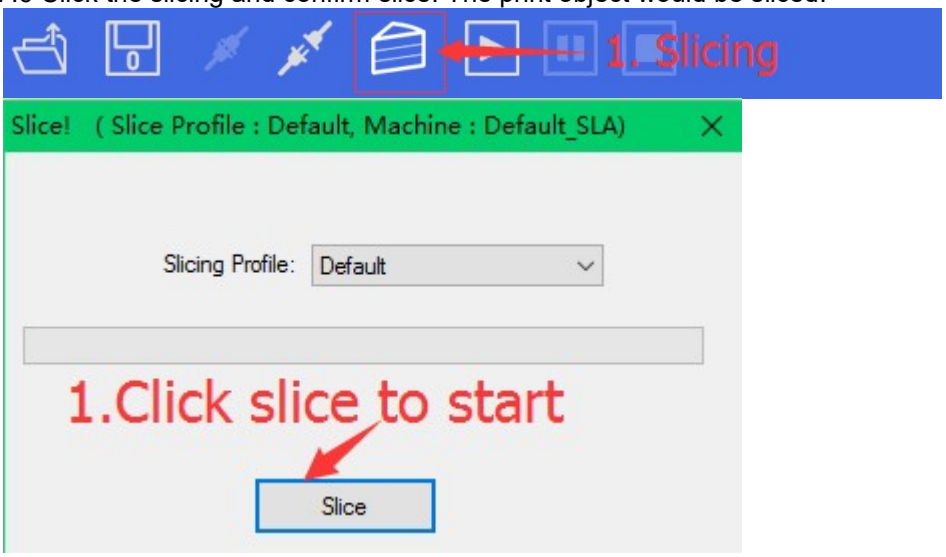
7.4 To click the +__ to add the RAFT, so the first layer would be the RAFT.



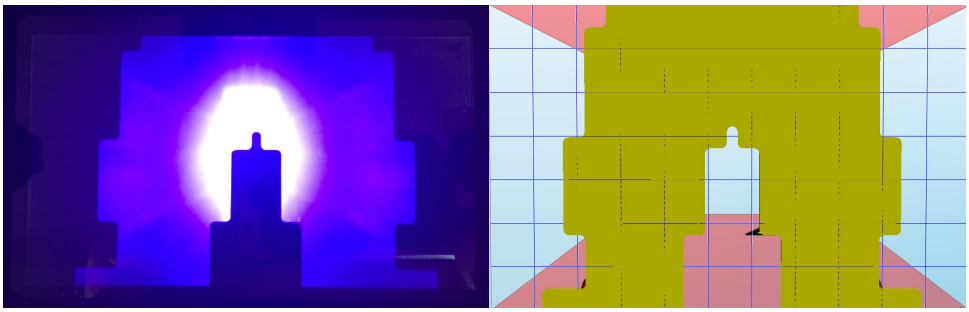
7.5 Right click the screen and move the print object, so you would see the image of Raft like below.



7.6 Click the slicing and confirm slice. The print object would be sliced.



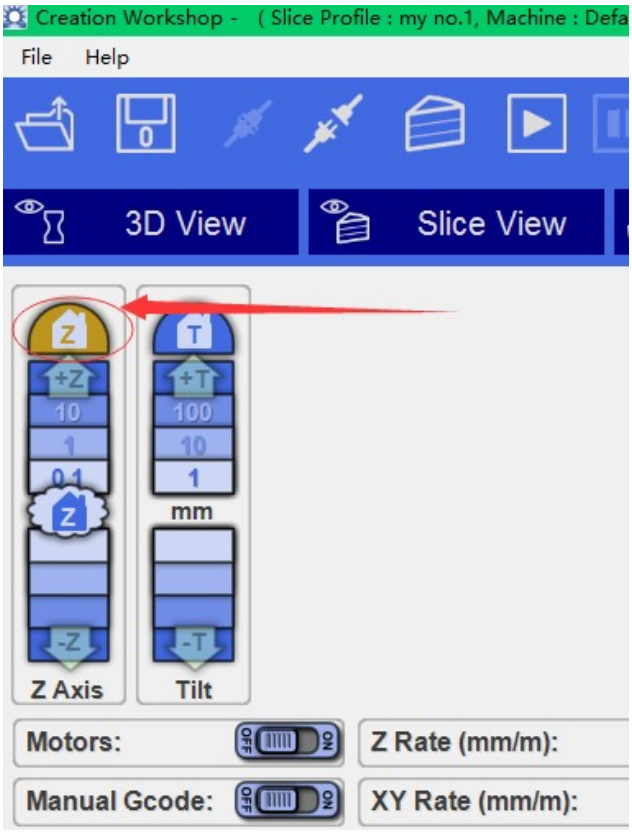
7.7 Click Print button. So you would see the image to be projected on the LCD screen which is exactly the same like your computer screen first layer.



Congratulations! You have successfully installed the machine. Now you can start your first print.

8.0 First Print

8.1 To click home Z axis. So building plate would start from home position.



8.2 Repeat the 7.0 to print the first object.

9.0 Revisions

A – Initiate: 12/3/17 by: Manolo

B – Adding the building size @5.4. 20th June 2017