

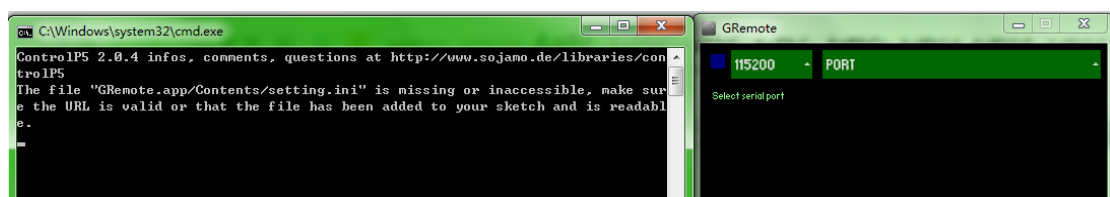
XY Plotter V2.0 Basic Software Manuals

A. Preparations

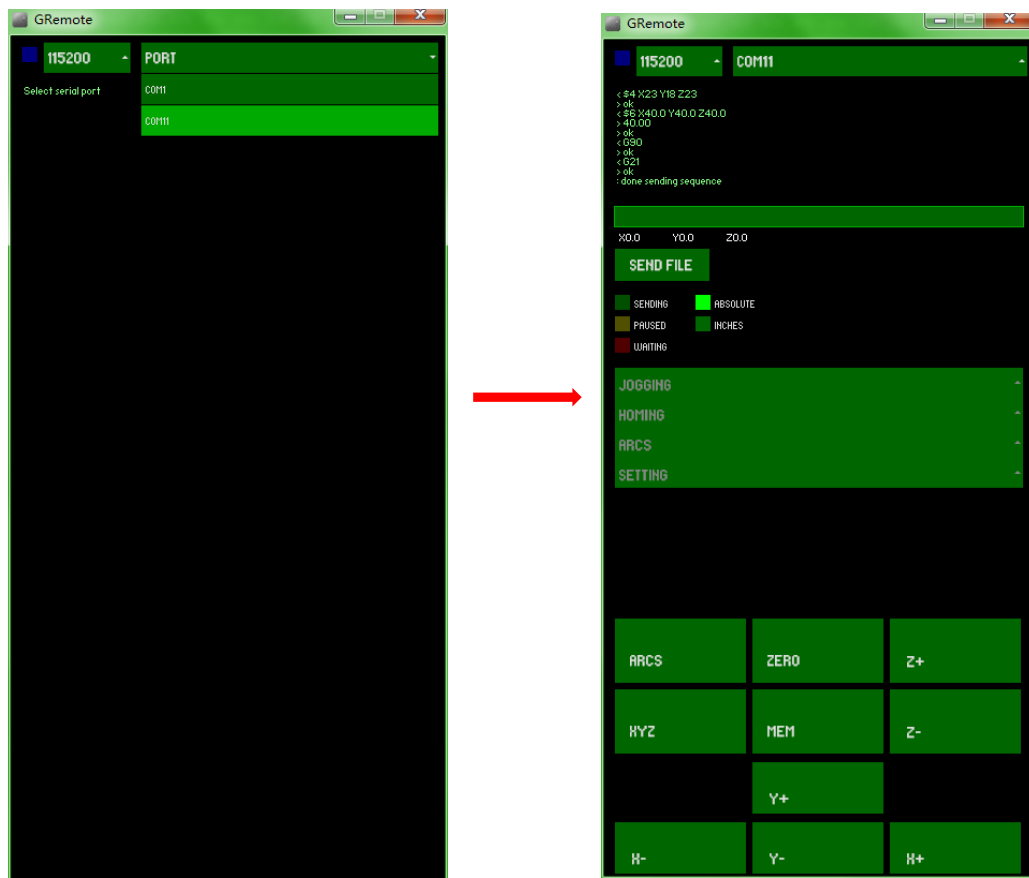
1. An assembled XY Plotter V2.0
2. A personal computer
3. Arduino IDE
4. GRemoteFull: the package of G-code examples, firmware of Me baseboard and program for controlling.

B. Installation and setup of the softwares

1. Download package GRemoteFull from <https://github.com/Makeblock-official/XY-Plotter-2.0> and extract it.
2. Open file "GCodeParser.ino" in "GRemoteFull/GCodeParser" with Arduino IDE.
3. Connect Me baseboard to your PC and set the COM port.
4. Click Tools->Board on the menu of Arduino IDE and choose "Leonardo" .
5. Click the "Upload" icon, and Arduino IDE will compile file "GCodeParser.ino" and upload it to Me baseboard automatically.
6. Close Arduino IDE.
7. Double-click file "GRemote.bat" in "GRemoteFull" and it will display the following windows.



8. Set the COM port, then GRemote will show you the UI as follows. That all for this part.



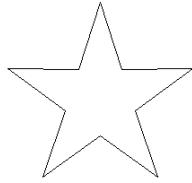
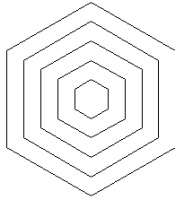
C. Try to draw your first picture

Click button "SEND FILE" and choose file "Makeblock-pencil G-code example.cnc" . Then the plotter will draw the following picture automatically on the paper.

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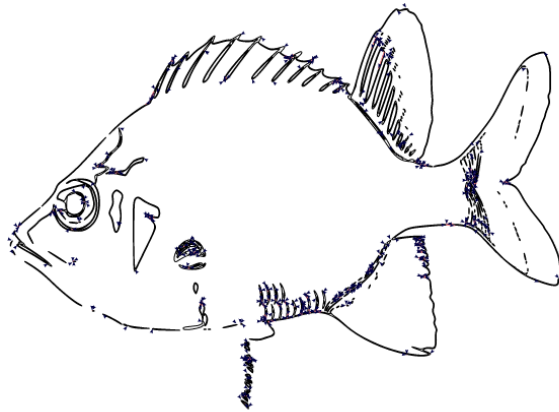
Makeblock

Construct your Dreams



www.makeblock.cc

File "fish-pencil G-code example.cnc" in "GRemoteFull" would show you the following picture.



D. Support

1. Visit the following page for technical support:

<http://www.makeblock.cc/xy-plotter-robot-kit-v2-0/>

2. Visit the following website to download Arduino IDE:

<http://www.arduino.cc/>.