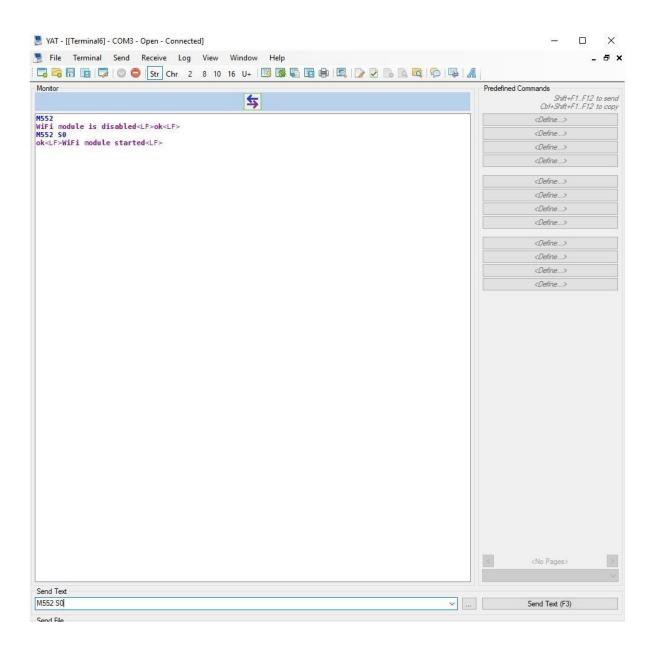


# 2. Connecting your Duet to a Network - Wifi

This Guide will provide the steps in Connecting your Duet Controller to your WiFi Network.

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# INTRODUCTION

### Please read before proceeding to avoid damaging the controller and voiding your warranty

- 1. Avoid connecting the Duet via USB when you do not need to. (Except when instructed to in the guides)
- 2. Always unplug the WorkBee Power Supply before connecting the USB Cable.

#### Step 1 — Enable Network Module

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- When connected to the Duet in Terminal, what you type isn't displayed. Therefore it is best to type the commands into TextEdit and copy > paste into terminal
- The WiFi module only supports
   2.4Ghz networks. 5Ghz is not supported.
- Send the command M552 S0 to put the Wifi Module into idle mode.

#### Step 2 — Wifi Network Settings

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- Use the command M587 as shown below. Keep the double quotation marks, but substitute yournetwork-name with your Wifi SSID name and your-password with your WiFi password.
  - M587 S"your-network-name" P"your-password"

Enter the exact characters in your Wifi's SSID name and password. Both fields are case sensitive.

- (i) If your SSID name contains an apostrophe, enter two apostrophe characters in its place. For example, if your SSID name is Pete's network then enter "Pete"s network".
- Send command M552 S1 to connect to your WiFi.
  - After a moment, it will confirm the connection and IP address of the machine.
- Your machine is now connected to your Wifi Network. (The blue light should be solid on the Wifi module of the Duet Controller)

## Step 3 — Check Access to Duet Web Interface

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- Open your browser and enter the url: <u>http://workbee.local/</u>
  - You should now see the WorkBee Control Interface!
- Bookmark the url and add it to your favourites for easier access in the future.
- (i) If the above url does not work. Please use the IP Address returned in the previous step to connect to the machine. Bookmark this IP Address.
  - Unplug the USB Cable from your computer and Duet Controller. The WorkBee Control Interface will disconnect.
    - Plug the mains cable of the Power Supply into the wall socket.
    - Turn on the wall socket and the power switch on the side of the Power Supply.
    - After a short delay, refresh the browser. It should reconnect to WorkBee Control.

Thanks for following the guide. Any issues, please contact us!