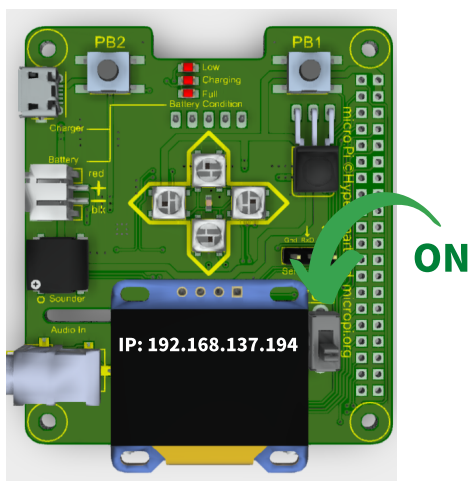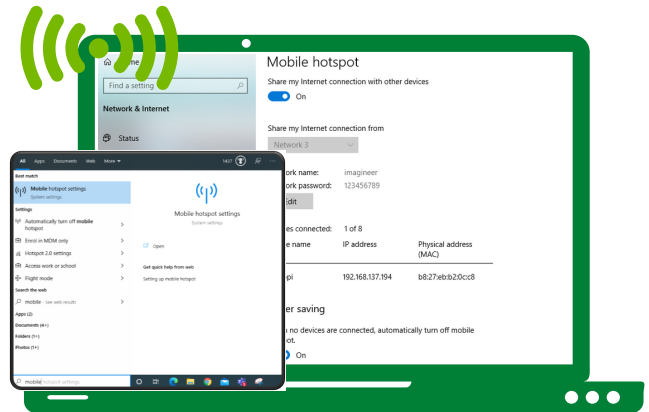# GETTING STARTED GUIDE

Welcome to the micro:pi

This Getting Started Guide will instruct you step-by-step on the basic features that will get you up and running. You will connect to the micro:pi over a WiFi hotspot and use Python programs to test the buzzer, lights and OLED.

1 Create a WiFi Hotspot

Using Windows 10 on a Laptop or a PC (fitted with a WiFi dongle), in the *search* start typing mobile hotspot and select '**mobile hotspot settings**'. On the Mobile hotspot page click on '**Edit**' and enter:
Network name: **imagineer**
Network password: **123456789**
*(save the settings, and then switch the hotspot **ON**)*
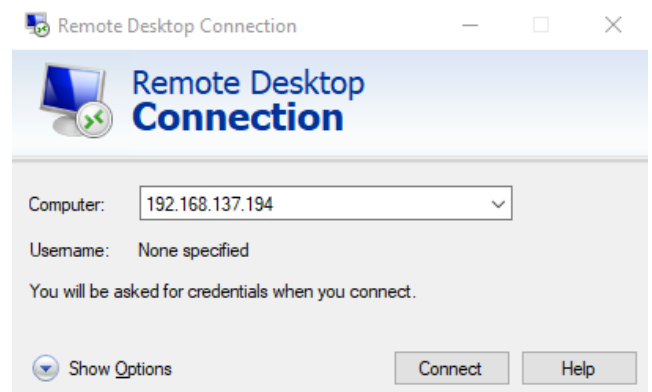

2 Power-up

ON

IP: 192.168.137.194

Connect the micro:Pi to a 5V USB power supply and then move the switch to the **ON** position. After about 25 seconds the laptop will provide an IP address and, and this will be displayed on the OLED .

3 Remote connection

There are several ways to connect, SSH, VNC or RDP. RDP is available on Windows, to connect enter the IP address
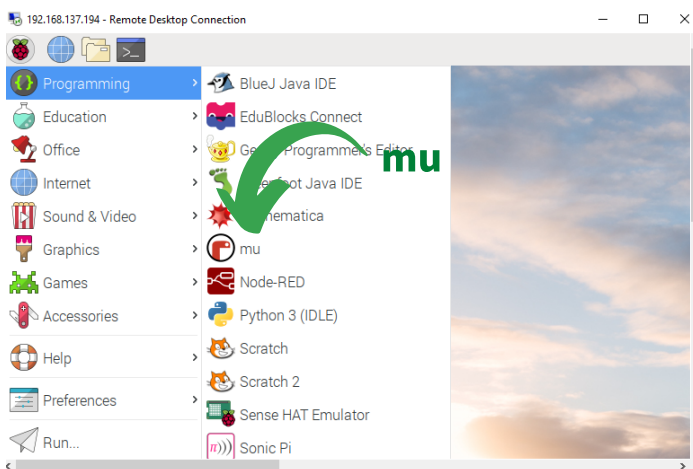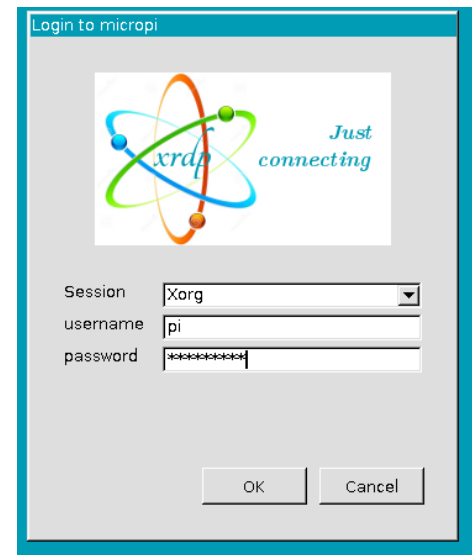
4 Xrdp

The microPi responds to RDP with an authentication dialog box, enter:
username: **pi**
password: **imagineer**

(you may then be asked to confirm proceeding without a certificate, just press yes to confirm)

5 Graphical Desktop

The connection will open a new window and display a graphical desktop. Under programming there are several choices, select **mu.**
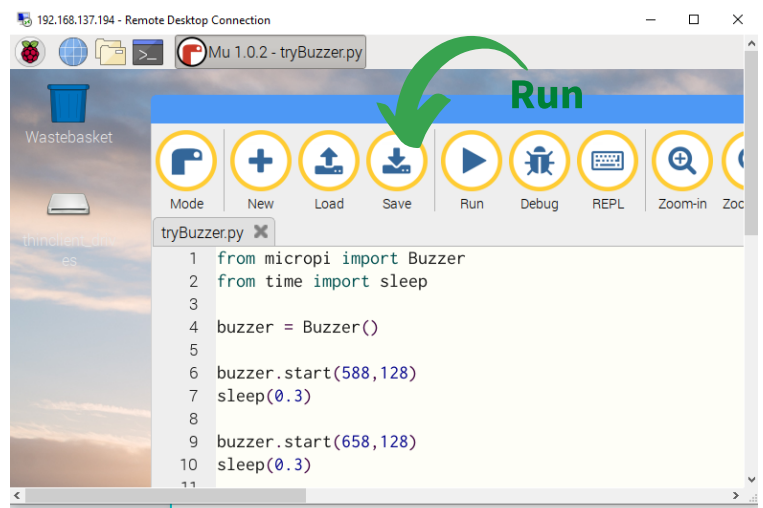

6 Running a program

Load the tryBuzzer.py program that is in the micropi folder, then press Run. The buzzer will play a tune.

Finally, Load and Run tryLED.py and then tryOLED.py. In tryOLED.py change the "Hello World" to some other value and Run it again.


```
from micropi import Buzzer
from time import sleep

buzzer = Buzzer()

buzzer.start(588,128)
sleep(0.3)

buzzer.start(658,128)
sleep(0.3)
```

YOU
FINISHED

SCAN NOW