

USER GUIDE

1. Scan the QR code below or search on google play store for "Arduino voice control" and download and install the Android application in order to make use of the plotter.



2. Connect the plotter to power supply (220-240V AC) and turn it ON. If ON, a red indicator light comes on.
3. On the user's android device, Navigate your way to Bluetooth connections which can be found in the settings application.
4. A new device should be seen with the name "HC-05", pair with the device using the pairing code '1234'.
5. Once paired, launch the Arduino voice control app and click on connect. A list of devices would pop up, click on the HC-05 device and wait till it shows "connected".
6. Set the platform on which you want to write on and adjust the pen.
7. Using the app on the android device, click on the microphone icon (button at the center) and speak to the android device.

Keywords:

- i. Plus: writes plus sign
- ii. Minus: writes the minus sign
- iii. Equal: writes equal sign
- iv. Bingo : moves the X-axis back by 60mm
- v. Bruno: moves the X-axis back by 30mm
- vi. Backbite: moves the Y-axis back by 60mm
- vii. Romeo: moves the Y-axis back by 30mm
- viii. Forward: moves the Y-axis forward by 10mm.
- ix. Space: moves X-axis to create space for next set of words to write.