Anet AX8 Happy User Manual

Changing filament

1. Read all of the steps before proceeding.
2. Power on the printer and preheat for the current material
3. Press the knob at the back of the extruder. The knob disengages extruder motor from pushing onto the filament.
4. While holding the knob, pull out the filament.
5. Load new filament onto the spool holder.
6. **Insert dust filter onto the filament.** This is obligatory and non-negotiable.
7. At the right you see a push-fit fitting for the blue bowden tube. Press the blue ring on the brass fitting and remove the Bowden tube.
8. Unscrew the brass tube fitting.
9. While holding down the knob:
   1. Insert filament into the white lead-in tube on the left
   2. Make sure it makes its way through the extruded and exits via the bowden tube fitting hole. If necessary rotate the filament.
   3. Feed the filament, so about 5cm exit the hole on the right.
10. After releasing the knob check that the bushing is pressing filament against the extruder gear.
11. Insert the tube fitting onto the filament and screw it into place. **Do not tighten it using any tools.**
12. Insert bowden tube onto the filament and press into the fitting
13. Hold the knob and feed the filament until you feel significant resistance.
14. Use the LCD menu (Prepare > Move > Extruder > 1mm) to feed the filament until correct colour exits the hotend.

Slicing

1. Use PrusaSlicer. Cura is… unworthy of your time.
2. You can find the preset here: https://github.com/lucysan/hswro-3dprinter-ax8
3. After complete copy the G-code onto the SD card.

Preparing the bed for printing

1. Remove the bed from the printer
2. If dirty, wash with water and soap. Dry thoroughly.
3. While holding the bed away from the printer (so you don’t gunk up the smooth rods) apply the bed adhesive. NeedIT Liquid adhesive is recommended for a good time.
4. Install the bed