

Pattern Mode

Pattern mode will allow you to create a pattern using specific lengths of filament from each drive.

Written By: Mosaic Support



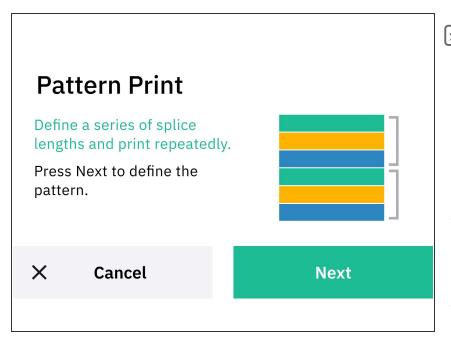
INTRODUCTION

In this guide you will learn how to:

• Access and create prints with Pattern Mode

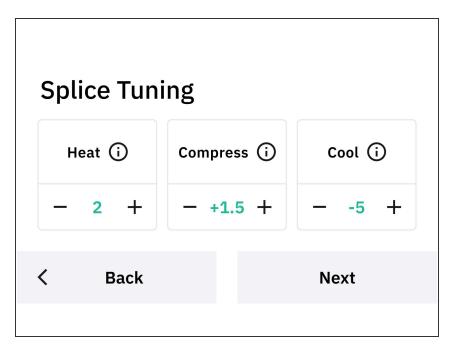
Tutorial video coming soon, check back again later!

Step 1 — Access Pattern Print Mode



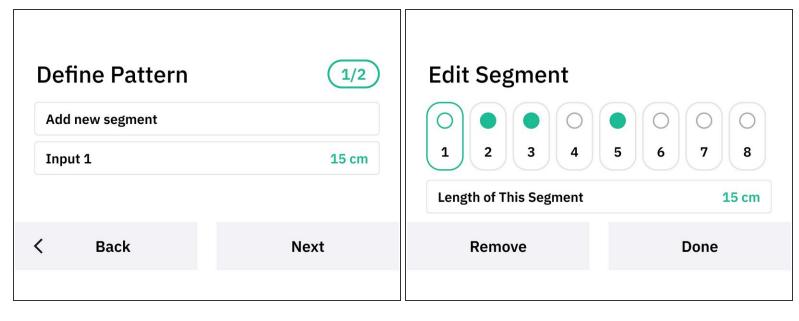
- Before utilizing custom print modes, ensure that your filament has been splice tuned. The Splice Tuning feature will help you find the ideal settings so your Palette 3 can create optimal splices. A guide on how to do this can be found here.
 - Slice a single-body STL file in <u>Canvas</u> or a slicer of your choice that is compatible with Palette.
 - From the main screen, tap *Print*From > Custom Print > Pattern

Step 2 — Splice Tuning



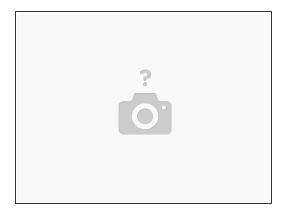
 Choose the heat, compression and cool values for the material being used that were found during splice tuning.

Step 3 — Define Pattern



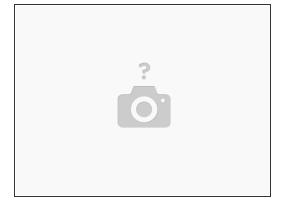
- Tap Define Pattern > Add new segment
- Choose the length of filament you would like to use for each drive. The length that you select will be repeated throughout the print.
 - (i) We suggest adding a bit more length (2-4 cms) to the segment than the model's displayed length in your slicer. This ensures that there is enough filament to complete the print. Websites like http://gcode.ws can be used to find the length of your model.
- Tap Next.

Step 4 — Enter the Number of Repetitions



- Palette will display the number of repetitions in the print.
- Tap Next and follow the prompts to either Start with a Printer or Start Without a Printer.
 - (i) If you choose to start without a printer, Palette is not connected to the printer via the outgoing tube, so it will continuously create filament.
- Follow the prompts and begin your print!

Step 5 — Start the Print



- Once Palette is finished making the initial splices with enough filament to come out of the outgoing tube, insert this filament into the printer's extruder.
- Jog the filament until you see filament come out of the nozzle, and then start the G-Code file on the printer.

If you have any additional questions, please send us a message at support@mosaicmfg.com!