



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

Pattern Print

Define a series of splice lengths and print repeatedly.

Press Next to define the pattern.



Cancel

Next

- ✦ 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 [Canvas](#) or a slicer of your choice that is compatible with Palette.
- From the main screen, tap *Print From > Custom Print > Pattern*

Step 2 — Define Pattern

Define Pattern

1/2

Add new segment

Input 115 cm

<Back

Next>

Edit Segment

1

2

3

4

5

6

7

8

Length of This Segment15 cm

Remove

Done

- 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.
 - ⓘ 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 3 — 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*.
 - ① 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 4 — 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!

This document was generated on 2021-12-24 11:04:40 AM (MST).

