Choose Language (Translated by google)

⚠️NOTICE

Before using the 3d printer, please:

1. Carefully to read the pages (from 17~20) in the "installation and quick user guide".
2. Carefully to read the file "How to load filament.pdf".
3. Carefully to read "Operature guide for Mixing Color printer.pdf"

   ATTETION: Incorrect filament loading may cause to clog the hotend, if the hotend is clogged, please refer to the document "FAQ\How to clean the cloged mixing color hotend.pdf" to fix

Download Z9V5-MK3 files

Download all documents from Github
Download all documents from cloudisk

📁 Documents

1.Installation and User Guide

- Installation and quick user guide
- LCD screen menu description
- Installation video tutorial
- Wiring Diagram
- Operature guide for mixing color printer
- USB driver
- How to load filament guide
- Print from PC guide
- Advanced features guide
- Bed auto leveling feature guide

2.Slicing

Slicing software and user guide. **View the newest slicing guide**.

- **PrusaSlicer(Recommended)**

- **Cura**

3.Test gcode

Some Test gcode files. View detail

4.FAQ

Troubleshooting and FAQ files. View detail

5.Firmware

- **Firmware bin file**
- **Firmware source code**

> **Firmware bin file** is the exact memory that is written to the embedded flash.
> **Firmware source code** is the core part of the firmware. The entire firmware can be thought of as different sub modules. It is divided into many sub files. These files are called source files. And, the entire program files are called source file or source code. Now our firmware source code is base on **marlin**.

6.Video tutorial

⚠️ **NOTE: The video tutorial may be a little different with your machine because of firmware version is different, for reference only**

- 🎥 *All video tutorials*

Installation and operation

- 🎥 *Installaltion guide*
- 🎥 *How to load filament (one color)*
- 🎥 *How to load filament (Mutli-colors)*
- 🎥 *Bed Leveling*
- 🎥 *Gradient Mixing Color Printing*
- 🎥 *Random Mixing Color Printing*

Advanced features

- 🎥 *Auto Retract Feature*
- 🎥 *Filament Runout*
- 🎥 *Print done auto shutdown*
- 🎥 *Powe lost recovery*

Slicing guide (by Cura)

- 🎥 *Install and setup Cura*
- 🎥 *slicing 1 color 3d object*

- 🎥 *slicing 4 colors 3d object*
- 🎥 *slicing 8 colors 3d object*

Printing demo video

- 🎥 *Z9V5 Printing Demo*
- 🎥 *Z9V5 Mixing-color Printing Demo*
- 🎥 *Z9V5 Multi-color Printing Demo 1*
- 🎥 *Z9V5 Multi-color Printing Demo 2*

Others

- 🎥 *Electronics parts auto testing*

7.Others

Print parts stl files, user Guide for improve features etc.

Z9V5 upgrade kit / parts

WiFi 👍👍

By upgrading this item, you can remote control your 3d printer by PC or mobile.

- 📖 **User guide**
- :package: **Sell link 1 / Sell link 2**

4-IN-1-OUT Non-Mix hotend 👍👍

This hotend is good at printing multi colors 3d prints.

- 📖 **User guide**
- :package: **Sell link 1 / Sell link 2**

The 6th Version 4-IN-1-OUT Mix hotend 👍👍

The newest version 4-IN-1-OUT mix color hotend, it

- Support Flow Rate (up to 15mm^3/s).
- Support Maximum operating temperature (up to 260 degree).
- Support more types of filaments. PLA/PLA+/ABS/ASA/PETG/PVDF.
- Less strings issue.
- 📖 **User guide**
- :package: **Sell link 1 / Sell link 2**

Direct drive extruder 👍

By upgrading this project, you can print flexible materials (such as TPU filament).
!!ONLY SUPPORT ONE COLOR!!

- 📖 **User guide**
- :package: **Sell link 1 / Sell link 2**

High flow Hotend 👍

By upgrading this project, the machine can print faster and support more types of high temperature filaments.
!!ONLY SUPPORT ONE COLOR!!

- :package: **Sell link 1 / Sell link 2**

Automatic Repeat Printing Module

By upgrading this module to make your 3D printer capable of continuous automatic mass production.
📖**User guide**
:package: **Sell Link**

Laser engine

By upgrading this item, you can turn your 3D printer into a simple laser engraving machine. Higher power laser modules can improve engraving speed or support materials with higher melting point.

- 📖 **User guide**
- :package: **Sell link**

Hotends

📖**User guide**
Each type of hot end has its advantages and disadvantages, you can choose different hotends according to different requirement:

- **High-speed and high-temperature Hotend (single color)**: It can support higher printing speed and higher temperature consumables (up to 300 degrees when using stainless steel nozzles), and can be used to print PVC and PC.
- **3-IN-3-OUT Hotend**: It can support printing different typs of filaments in one 3d prints, such as PLA+PVA.
- **3-IN-2-OUT Hotend**: It can be regarded as a combination of 2-IN-1-OUT and a single-color hot end, which can simultaneously achieve the needs of color mixing and printing of different materials.
- :package: **3-IN-1-OUT hotend**
- :package: **3-IN-2-OUT hotend**
- :package: **3-IN-3-OUT hotend**