This Manual is for the Ender 3 Series of 3D printers.
Select the correct input voltage to match your local mains (230V or 115V)
Because of software/hardware upgrades and model differences, new revisions may not be listed in this guide.
Detailed instructions for use are available on the TF card.
Notes

1. Do not use the printer in other wrong ways to avoid personal injury or property damage.
2. Do not place the printer near any heat source or flammable or explosive objects. We suggest placing it in a well-ventilated, low-dust environment.
3. Do not expose the printer to violent vibration or any unstable environment, as this may cause poor print quality.
4. Before using experimental or exotic filaments, we suggest using standard filaments such as ABS or PLA to calibrate and test the machine.
5. Do not use any other power cable except the one supplied. Always use the three-pin plug.
6. Do not touch the nozzle or printing surface during operation as they may be hot. Keep hands away from machine while in use to avoid burns or personal injury.
7. Do not wear gloves or loose clothing when operating the printer. Such cloths may become tangled in the printer’s moving parts leading to burns, personal injury, or printer damage.
8. When cleaning debris from the printer hotend, always use the provided tools. Do not touch the nozzle directly when heated. This can cause personal injury.
9. Clean the printer frequently. Always turn the power off when cleaning, and wipe with a dry cloth to clean dust, adhered printing plastics or any other material from the frame, guide rails, or wheels. Use glass cleaner or isopropyl alcohol to clean the print surface before every print for consistent results.
10. Children under the age of 10, should not use the printer without any supervision.
Dear Customers:
Thank you for choosing our products. For the best experience, please read the instructions before operating the Printer. Our 3D team is always ready to provide you with assistance. Please contact us via the phone number or e-mail address provided at the end when you encounter any problem with the Printer.

For a better experience in using our product, you may learn how to use the Printer in the following ways:
1. Learning from the instructions and videos that come with your TF card.
2. Visit our official website at www.creality3d.cn. You will find relevant software/hardware information, contact details and operation and maintenance instructions on the website.
1. Introduction

1. Control Box
2. TF Slot and USB Port
3. Print Surface
4. Control Knob
5. Display
6. Nozzle Assembly
7. Spool Holder
8. Extruder (E) Stepper
9. Power
10. Y Limit Switch
11. Y Stepper
12. Coupling
13. Z Stepper
14. Z Limit Switch
15. X Limit Switch
16. X Stepper
2. Screen Information

Information Displayed

- Print speed
- Model
- Set temperature of the Nozzle
- Current temperature of the Nozzle
- Set temperature of the Hot Bed
- Current temperature of the Hot Bed
- Part Cooling Fan Speed
- Current location of the nozzle
- Print time
- Print progress
- Prompt message

Push: OK/Enter Sub Menu
Turn: Change Option/Value

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<td>Pause print</td>
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<td>Stop print</td>
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3. Loading Filament

1. Preheat

   Method 1

   Info screen ↑
   - Prepare
   - Control
   - Print from SD
   - Change SD-Card

   Main ↑
   - Disable Steppers
   - Auto Home
   - Preheat PLA
   - Preheat ABS

   Method 2

   Info screen ↑
   - Prepare
   - Control
   - Print from SD
   - Change SD-Card

   Main ↑
   - Temperature
   - Motion
   - Store memory
   - Load memory

   Control ↑
   - Nozzle: 0
   - Bed: 0
   - Fan speed: 0

2. Feeding

Press and hold the extruder lever then insert 1.75mm filament through the small hole of the extruder. Continue feeding until you see filament out of the nozzle.

**Tip: Replacing the Filament**

1. Cutting filament near the Extruder and slowly feed new filament until the new filament get into the PTFE tube.
2. Preheating the nozzle, Press and hold the extruder, extract the filament, then feed the new filament.
4. Bed Leveling

1. Prepare → Auto Home. Wait for the nozzle to move to the left/front of the platform.

2. Prepare → Disable Steppers

3. Move the nozzle to the front/left leveling screw and adjust the platform height by turning the knob underneath. Use a piece of A4 paper (standard printer paper) to assist with the adjustment, making sure that the nozzle lightly scratches the paper.

4. Complete the adjustment on all 4 corners

5. Repeat above steps 1-2 times if necessary.
5. Software Installation

1. Double click to install the software.

2. Double click to open the software.

3. Select language → Next → Select your machine → Next → Finish.
6. Preparing to Print

1. Slicing

Open the software → Load → Select the file → Wait for slicing to finish, and save the gcode file to TF card.

2. Printing

Insert the TF card → Int. SD-Card → Print from SD → Select the file to be printed.
8. Circuit Wiring Diagram

- X axis Motor
- Y axis Motor
- Z axis Motor
- Extruder Motor
- TF Card
- Bed thermostor
- Controlable Fans
- Power Supply
- Fans
- Hot Bed
- Nozzle
- X Limit Switch
- Y Limit Switch
- Z Limit Switch
- Mini USB
- ISP
- LCD Display
- Nozzle thermostor